



Adobe

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Adobe® Flash® Platform ActionScript® Reference Rich Internet Application Development

Adobe Flash Player 10 / Adobe Flex® 3.2 / Adobe AIR™ 1.5

Class / Interface

● Adobe AIR

■ Adobe Flex

P: Package

→ Extends

Implements

Property

Static Property

Method

Static Method



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About this guide

This guide provides a reference for all native ActionScript APIs for the Adobe Flash Platform runtimes, Adobe Flash Player, Adobe AIR, and the Flex framework. It contains an alphabetical listing of all the ActionScript APIs as well as additional references and resources.

Before you get started, download the latest version of the free Adobe runtimes and frameworks:

Adobe Flash Player
www.adobe.com/go/getflashplayer

Adobe AIR
www.adobe.com/go/air

Adobe Flex
www.adobe.com/go/flex

How to Use This Guide

This guide can be used both as an API reference, as well as a tool to quickly learn about the ActionScript APIs available within Adobe Flash Player, Adobe AIR, and the Adobe Flex framework.

To use the guide as a reference guide, just follow these steps:

Step 1 : Find the class

All of the classes are included in alphabetical order, with the alphabetical range of each page shown in the top right of the page. Simply leaf through the guide, using the Class/Interface name as a reference, to find the item you are looking for.

Step 2 : Read the information

Each item entry contains the complete API reference for that item. Each entry is formatted to make it easy to quickly scan the item and view its information.

The entry contains a wealth of information about the item including name, type (class or interface), package name, superclass, interfaces implemented as well as a complete API listing, including static and instance properties and methods.

Class / Interface

● Adobe AIR

■ Adobe Flex

p: Package

→ Extends

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Static Property

Method

Static Method

Lets look at the ArrayCollection entry:

ArrayCollection ■
 p: cd mx.collections
 → ListCollectionView
 IExternalizable
 source: Array
 ArrayCollection()

This item is a class named ArrayCollection, which extends the ListCollectionView class, and implements the IExternalizable interface. It can be found in the mx.collections package, and originates in the Flex framework and runs in Flash Player and Adobe AIR.

Understanding Where APIs can be used:

The Adobe Flash platform contains two primary runtimes. One, Adobe Flash Player is browser based, and the other, Adobe AIR is desktop based. Adobe AIR is built on top of the Flash Player, so Flash Player APIs are available within Adobe AIR. In addition, this means that Adobe AIR APIs are not available within the Flash Player. The Flex framework is built on top of Flash Player APIs, and thus it runs in both the player and Adobe AIR. However, a number of Flex APIs take advantage of AIR APIs, and thus only work within Adobe AIR.

Each entry contains icons to indicate where the API can be used. The icon shows where the API originates, and thus in which runtime the API will run.

No Icon :

Originates in Flash Player, and is available in the Flash Player, Adobe AIR and the Flex Framework.

Red Icon Only: ●

Originates in Adobe AIR, and cannot run in Flash Player.

Black Icon Only : ■

Originates in Flex Framework and runs in Flash Player and Adobe AIR.

Black Icon and Red Icon : ■●

Flex API that only runs in Adobe AIR.

Examples of classes from this guide:

FileReference

Originates in Flash Player and will run in Flash Player and Adobe AIR.

File ●

Originates in Adobe AIR, and will not run in Flash Player.

Fade ■

Originates in Flex Framework and will run in Flash Player and Adobe AIR.

FileSystemTree ■●

Originates in Flex Framework, but uses Adobe AIR APIs. Will run in Adobe AIR, but not in Flash Player.

Step 3 : Find more information

If you still need to find more information about an API, you can either look at the API for the subclass of the item in the reference guide, or look up the API in the online documentation. You can find the links to the online documentation on the back cover of the reference guide.



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<http://creativecommons.org/licenses/by-nc/3.0>

AbstractEvent ■

P: mx.rpc.events
 → MessageEvent
 token:AsyncToken

AbstractConsumer ■

P: mx.messaging
 → MessageAgent
 resubscribeAttempts:int
 resubscribeInterval:int
 subscribed:Boolean
 timestamp:Number
 AbstractConsumer():void
 disconnect():void
 receive():void
 subscribe():void
 unsubscribe():void

AbstractInvoker ■

P: mx.rpc
 → EventDispatcher
 lastResult:Object
 makeObjectsBindable:Boolean
 cancel():AsyncToken
 clearResult():void

AbstractMessage ■

P: mx.messaging.messages
 → Object
 IMessage
 body:Object
 clientId:String
 destination:String
 DESTINATION_CLIENT_ID_HEADER:String
 ENDPOINT_HEADER:String
 FLEX_CLIENT_ID_HEADER:String
 headers:Object
 messageId:String
 REMOTE_CREDENTIALS_CHARSET_HEADER:String
 REMOTE_CREDENTIALS_HEADER:String
 REQUEST_TIMEOUT_HEADER:String
 timestamp:Number
 timeToLive:Number
 AbstractMessage()
 toString():String

AbstractOperation ■

P: mx.rpc
 → AbstractInvoker
 arguments:Object
 name:String
 service:AbstractService
 AbstractOperation()
 send():AsyncToken

AbstractService ■

P: mx.rpc
 → Proxy
 IEventDispatcher
 channelSet:ChannelSet
 destination:String
 operations:Object
 requestTimeout:int
 AbstractService()
 disconnect():void
 getOperation():AbstractOperation
 logout():void
 setCredentials():void
 setRemoteCredentials():void

AbstractTarget ■

P: mx.logging
 → Object
 ILoggingTarget
 IMXMLObject
 filters:Array
 id:String
 level:int
 AbstractTarget()
 addLogger():void
 initialized():void
 logEvent():void
 removeLogger():void

AbstractWebService ■

P: mx.rpc.soap
 → AbstractService
 DEFAULT_DESTINATION_HTTP:String
 DEFAULT_DESTINATION_HTTPS:String
 description:String
 destination:String
 endpointURL:String
 headers:Array
 httpHeaders:Object
 makeObjectsBindable:Boolean
 port:String
 ready:Boolean
 rootURL:String
 service:String
 useProxy:Boolean
 xmlSpecialCharsFilter:Function
 AbstractWebService()
 addHeader():void
 addSimpleHeader():void
 clearHeaders():void
 getHeader():SOAPHeader
 removeHeader():void
 setRemoteCredentials():void

Accessibility

P: flash.accessibility
 → Object
 active:Boolean
 updateProperties():void

AccessibilityProperties

P: flash.accessibility
 → Object
 description:String
 forceSimple:Boolean
 name:String
 noAutoLabeling:Boolean
 shortcut:String
 silent:Boolean
 AccessibilityProperties()

Accordion ■

P: mx.containers
 → Container
 IHistoryManagerClient
 IFocusManagerComponent
 contentHeight:Number
 contentWidth:Number
 headerRenderer:IFactory
 historyManagementEnabled:Boolean
 resizeToContent:Boolean
 selectedChild:Container
 selectedIndex:int
 Accordion()
 getHeaderAt():Button
 loadState():void
 saveState():Object

AccordionAutomationImpl ■

P: mx.automation.delegates.
 containers
 → ContainerAutomationImpl
 AccordionAutomationImpl()
 init():void
 replayAutomatableEvent():Boolean

AccordionHeader ■

P: mx.containers.accordionClasses
 → Button
 IDataRenderer
 data:Object
 AccordionHeader()

AccordionHeaderSkin ■

P: mx.skins.halo
 → Border

AcknowledgeMessage ■

P: mx.messaging.messages
 → AsyncMessage
 ERROR_HINT_HEADER:String
 AcknowledgeMessage()

ActionEffectInstance ■

P: mx.effects.effectClasses
 → EffectInstance
 playedAction:Boolean
 ActionEffectInstance()
 getStartValue():*
 saveStartValue():*

ActionScriptVersion

P: flash.display
 → Object
 ACTIONSCRIPT2:uint
 ACTIONSCRIPT3:uint

ActivatorSkin ■

P: mx.skins.halo
 → Border

ActivityEvent

P: flash.events
 → Event
 activating:Boolean
 ACTIVITY:String
 ActivityEvent()
 clone():Event
 toString():String

AddChild ■

P: mx.states
 → Object
 creationPolicy:String
 position:String
 relativeTo:UIComponent
 target:DisplayObject
 targetFactory:IDeferredInstance
 AddChild()
 apply():void
 createInstance():void
 initialize():void
 remove():void

AddChildAction ■

P: mx.effects
 → Effect
 IOverride
 index:int
 position:String
 relativeTo:DisplayObjectContainer
 AddChildAction()

AddChildActionInstance ■

P: mx.effects.effectClasses
 → ActionEffectInstance
 index:int
 position:String
 relativeTo:DisplayObjectContainer
 AddChildActionInstance()

AddItemAction ■

P: mx.effects
 → Effect

AddItemActionInstance ■

P: mx.effects.effectClasses
 → ActionEffectInstance

AdvancedDataGrid ■

P: mx.controls
 → AdvancedDataGridBaseEx
 anchorColumnIndex:int
 caretColumnIndex:int
 cellSelectionTweens:Object
 displayDisclosureIcon:Boolean
 displayItemsExpanded:Boolean
 firstVisibleItem:Object
 groupedColumns:Array
 groupIconFunction:Function
 groupItemRenderer:IFactory
 groupLabelFunction:Function
 groupRowHeight:Number
 HEADER_ICON_PART:String
 HEADER_TEXT_PART:String
 hierarchicalCollectionView:IHierarchicalCollectionView
 ICollectionView
 highlightColumnIndex:int
 itemIcons:Object
 lockedColumnCount:int
 lockedRowCount:int
 movingSelectionLayer:Sprite
 rendererProviders:Array
 selectedCells:Array
 selectedColumnIndex:int
 sortExpertMode:Boolean
 treeColumn:AdvancedDataGridColumn
 treeColumnIndex:int
 tween:Object
 visibleCellRenderers:Object
 addCellSelectionData():void
 addIndicatorToSelectionLayer():void
 AdvancedDataGrid()
 applyCellSelectionEffect():void
 applyUserStylesForItemRenderer():void
 atLeastOneProperty():Boolean
 clearCellSelectionData():void
 clearIndicators():void
 clearSelectedCells():void
 collapseAll():void
 createChildren():void
 dragCompleteHandler():void
 dragDropHandler():void
 drawVerticalLine():void
 expandAll():void
 expandChildrenOf():void
 expandItem():void
 finishKeySelection():void
 getParentItem():*
 initListData():void
 isItemOpen():Boolean
 moveIndicators():void
 removeCellSelectionData():void
 selectCellItem():Boolean
 selectItem():Boolean
 setItemIcon():void
 treeNavigationHandler():Boolean

AdvancedDataGridBase ■

P: mx.controls.advancedData
 → AdvancedListBaseGridClasses
 columnMap:Object
 currentColNum:int
 currentItemTop:Number
 currentRowHeight:Number
 currentRowNum:int
 headerHeight:Number
 headerInfos:Array
 headerRenderer:IFactory
 headerRowInfo:Array
 headerWordWrap:Boolean
 itemRendererToFactoryMap:Dictionary
 MULTIPLE_CELLS:String
 MULTIPLE_ROWS:String
 NONE:String
 selectionMode:String
 showHeaders:Boolean
 SINGLE_CELL:String
 SINGLE_ROW:String
 sortItemRenderer:IFactory
 styleFunction:Function
 visibleHeaderInfos:Array
 AdvancedDataGridBase()
 calculateRowHeight():Number
 clearIndicators():void
 createHeaders():void
 createLockedRows():void
 drawVisibleItem():void
 getHeaderRenderer():IListItemRenderer
 getRowHeight():Number
 isCellSelectionMode():Boolean
 isRowSelectionMode():Boolean
 makeListData():BaseListData
 setVisibleDataItem():void

AdvancedDataGridAutomation

P: mx.automation.delegates.
 advancedDataGrid
 → AdvancedDataGridBaseEx
 AutomationImpl
 automationTabularData:Object
 AdvancedDataGridAutomationImpl()
 init():void

AdvancedDataGridBaseExAutomationImpl ■

P: mx.automation.delegates.
 advancedDataGrid
 → AdvancedListBaseAutomationImpl
 AdvancedDataGridBaseExAutomationImpl()
 init():void

AdvancedDataGridBaseEx

P: mx.controls
 → AdvancedDataGridBase
 IIMESupport
 columns:Array
 draggableColumns:Boolean
 editable:String
 editedItemPosition:Object
 editedItemRenderer:IListItemRenderer
 headerInfoInitialized:Boolean
 horizontalScrollPosition:Number
 imeMode:String
 isKeyPressed:Boolean
 itemEditorInstance:IListItemRenderer
 lookAheadDuration:Number
 minColumnWidth:Number
 orderedHeadersList:Array

resizableColumns:Boolean
 sortableColumns:Boolean
 absoluteToDisplayColumnIndex():int
 absoluteToVisibleColumnIndex():int
 absoluteToVisibleIndices():Object
 addSortField():void
 AdvancedDataGridBaseEx()
 clearSeparators():void
 colNumToIndex():int
 createHeaderSeparators():void
 createItemEditor():void
 destroyItemEditor():void
 displayToAbsoluteColumnIndex():int
 drawColumnBackground():void
 drawHeaderBackground():void
 drawHorizontalLine():void
 drawLinesAndColumnBackgrounds():void
 drawRowBackground():void
 drawSeparators():void
 drawVerticalLine():void
 findSortField():int
 getFieldSortInfo():SortInfo
 getSeparator():UIComponent
 indexToColNum():int
 isColumnFullyVisible():Boolean
 isDataEditable():Boolean
 moveFocusToHeader():void
 removeSortField():void
 scrollToViewColumn():void
 selectColumnHeader():void
 unselectColumnHeader():void
 visibleToAbsoluteColumnIndex():int

AdvancedDataGridBaseSelectionData ■

P: mx.controls.advanced
 → Object
 approximate:Boolean
 columnIndex:int
 data:Object
 rowIndex:int
 AdvancedDataGridBaseSelectionData()

AdvancedDataGridColumn ■

P: mx.controls.advancedData
 GridClasses
 → CSSStyleDeclaration
 IIMESupport
 dataField:String
 dataTipField:String
 dataTipFunction:Function
 editable:Boolean
 editorDataField:String
 editorHeightOffset:Number
 editorUsesEnterKey:Boolean
 editorWidthOffset:Number
 editorXOffset:Number
 editorYOffset:Number
 formatter:Formatter
 headerRenderer:IFactory
 headerText:String
 headerWordWrap:*
 imeMode:String
 itemEditor:IFactory
 itemRenderer:IFactory
 labelFunction:Function
 minWidth:Number
 renderersEditor:Boolean
 resizable:Boolean
 showDataTips:*
 sortable:Boolean
 sortCompareFunction:Function
 sortDescending:Boolean
 styleFunction:Function

visible:Boolean
 width:Number
 wordWrap:*
 AdvancedDataGridColumn()
 clone():AdvancedDataGridColumn
 itemToDataTip():String
 itemToLabel():String

AdvancedDataGridColumnGroup ■

P: mx.controls.advanced
 DataGridClasses
 → AdvancedDataGridColumn
 children:Array
 childrenDragEnabled:Boolean
 AdvancedDataGridColumnGroup()
 itemToData():*

AdvancedDataGridDragProxy ■

P: mx.controls.advanced
 → UIComponent
 DataGridClasses

AdvancedDataGridEvent ■

P: mx.events
 → Event
 animate:Boolean
 column:AdvancedDataGridColumn
 COLUMN_STRETCH:String
 columnIndex:int
 dataField:String
 dispatchEvent:Boolean
 HEADER_DRAG_OUTSIDE:String
 HEADER_DROP_OUTSIDE:String
 HEADER_RELEASE:String
 headerPart:String
 item:Object
 ITEM_CLOSE:String
 ITEM_EDIT_BEGIN:String
 ITEM_EDIT_BEGINNING:String
 ITEM_EDIT_END:String
 ITEM_FOCUS_IN:String
 ITEM_FOCUS_OUT:String
 ITEM_OPEN:String
 ITEM_OPENING:String
 itemRenderer:IListItemRenderer
 localX:Number
 multiColumnSort:Boolean
 opening:Boolean
 reason:String
 removeColumnFromSort:Boolean
 rowIndex:int
 triggerEvent:Event
 AdvancedDataGridEvent()

AdvancedDataGridEventReason ■

P: mx.events
 → Object
 CANCELLED:String
 NEW_COLUMN:String
 NEW_ROW:String
 OTHER:String

AdvancedDataGridGroupItemRenderer ■

P: mx.controls.advancedData
 GridClasses
 → UIComponent
 IDataRenderer
 IDropInListItemRenderer
 IListItemRenderer
 IFontContextComponent
 data:Object
 disclosureIcon:IFlexDisplayObject
 icon:IFlexDisplayObject
 label:UITextField

listData:BaseListData
 AdvancedDataGridGroupItemRenderer()

AdvancedDataGridGroupItemRendererAutomationImpl ■

P: mx.automation.delegates.
 advancedDataGrid
 → UIComponentAutomationImpl
 AdvancedDataGridGroupItemRendererAutomationImpl()
 init():void

AdvancedDataGridHeaderHorizontalSeparator ■

P: mx.skins.halo
 → ProgrammaticSkin

AdvancedDataGridHeaderInfo ■

P: mx.controls.advanced
 → DataGridClasses
 children:Array
 column:AdvancedDataGridColumn
 columnSpan:int
 depth:int
 headerItem:IListItemRenderer
 index:int
 internalLabelFunction:Function
 parent:AdvancedDataGridHeaderInfo
 visible:Boolean
 visibleChildren:Array
 visibleIndex:int
 AdvancedDataGridHeaderInfo()

AdvancedDataGridHeaderRenderer ■

P: mx.controls.advancedData
 GridClasses
 → UIComponent
 IDataRenderer
 IDropInListItemRenderer
 IListItemRenderer
 data:Object
 label:UITextField
 listData:BaseListData
 sortItemRenderer:IFactory
 AdvancedDataGridHeaderRenderer()
 getFieldSortInfo():SortInfo
 mouseEventToHeaderPart():String
 toolTipShowHandler():void

AdvancedDataGridHeaderShiftEvent ■

P: mx.automation.events
 → Event
 itemAutomationValue:String
 HEADER_RELEASE:String = "header-release"
 movingColumnIndex:int
 newColumnIndex:int
 oldColumnIndex:int
 triggerEvent:Event
 AdvancedDataGridHeaderShiftEvent()

AdvancedDataGridItemRenderer ■

P: mx.controls.advancedData
 GridClasses
 → UITextField
 IDataRenderer,
 IDropInListItemRenderer
 ILayoutManagerClient
 IListItemRenderer
 IStyleClient

data:Object
 listData:BaseListData
 styleDeclaration:CSSStyleDeclaration
 AdvancedDataGridItemRenderer()
 clearStyle():void
 getClassStyleDeclarations():Array
 getStyle():*
 initProtoChain():void
 notifyStyleChangeInChildren():void
 regenerateStyleCache():void
 registerEffects():void
 setStyle():void
 toolTipShowHandler():void
 validateDisplayList():void
 validateProperties():void
 validateSize():void

AdvancedDataGridItemRendererAutomationImpl

P: mx.automation.delegates
 → UITextFieldAutomationImpl
 advancedDataGrid
 AdvancedDataGridItemRendererAutomationImpl()
 init():void

AdvancedDataGridItemSelectEvent

P: mx.automation.events
 → Event
 altKey:Boolean
 columnIndex:int
 ctrlKey:Boolean
 dataField:String
 headerPart:String
 HEADER_RELEASE:String = "header-Release"
 itemAutomationValue:String
 itemRenderer:IListItemRenderer
 shiftKey:Boolean
 triggerEvent:Event
 AdvancedDataGridItemSelectEvent()

AdvancedDataGridListData

P: mx.controls.advancedDataGridClasses
 → DataGridListData
 depth:int
 disclosureIcon:Class
 hasChildren:Boolean
 icon:Class
 indent:int
 item:Object
 open:Boolean
 AdvancedDataGridListData()

AdvancedDataGridRendererDescription

P: mx.controls.advancedData
 → Object
 columnSpan:int
 renderer:IFactory
 rowSpan:int
 AdvancedDataGridRendererDescription()

AdvancedDataGridRendererProvider

P: mx.controls.advancedData
 → Object
 IAdvancedDataGridRendererProvider
 column:AdvancedDataGridColumn
 columnIndex:int
 columnSpan:int

dataField:String
 depth:int
 renderer:IFactory
 rowSpan:int
 AdvancedDataGridRendererProvider()
 describeRendererForItem():void

AdvancedDataGridSortItemRenderer

P: mx.controls.advancedDataGridClasses
 → UIComponent
 grid:AdvancedDataGrid
 label:UITextField
 AdvancedDataGridSortItemRenderer()
 getFieldSortInfo():SortInfo
 getFontStyles():void

AdvancedListBase

P: mx.controls.listClasses
 → ScrollControlBase
 IDataRenderer
 IFocusManagerComponent
 IListItemRenderer
 IDropInListItemRenderer
 IEffectTargetHost
 actualCollection:ICollectionView
 actualIterator:IViewCursor
 allowDragSelection:Boolean
 allowMultipleSelection:Boolean
 anchorBookmark:CursorBookmark
 anchorIndex:int
 cachedDataChangeEffect:Effect
 caretBookmark:CursorBookmark
 caretIndex:int
 caretIndicator:Sprite
 caretItemRenderer:IListItemRenderer
 caretUID:String
 collection:ICollectionView
 columnCount:int
 columnWidth:Number
 data:Object
 dataEffectCompleted:Boolean
 dataItemWrappersByRenderer:Dictionary
 dataProvider:Object
 dataTipField:String
 dataTipFunction:Function
 defaultColumnCount:int
 defaultRowCount:int
 dragEnabled:Boolean
 dragImage:UIComponent
 dragImageOffsets:Point
 dragMoveEnabled:Boolean
 dropEnabled:Boolean
 explicitColumnCount:int
 explicitColumnWidth:Number
 explicitRowCount:int
 explicitRowHeight:Number
 freeItemRenderers:Array
 highlightIndicator:Sprite
 highlightItemRenderer:IListItemRenderer
 highlightUID:String
 iconField:String
 iconFunction:Function
 itemRenderer:IFactory
 itemsNeedMeasurement:Boolean
 itemsSizeChanged:Boolean
 iterator:IViewCursor
 iteratorValid:Boolean
 keySelectionPending:Boolean
 labelField:String
 labelFunction:Function

lastDropIndex:int
 lastSeekPending:ListBaseSeekPending
 listContent:
 listData:BaseListData
 listItems:Array
 lockedColumnCount:int
 lockedRowCount:int
 menuSelectionMode:Boolean
 modifiedCollectionView:
 offscreenExtraColumns:int
 offscreenExtraColumnsLeft:int
 offscreenExtraColumnsRight:int
 offscreenExtraRows:int
 offscreenExtraRowsBottom:int
 offscreenExtraRowsTop:int
 rendererChanged:Boolean
 reservedItemRenderers:Object
 rowCount:int
 rowHeight:Number
 rowInfo:Array
 rowMap:Object
 runDataEffectNextUpdate:Boolean
 runningDataEffect:Boolean
 selectable:Boolean
 selectedData:Object
 selectedIndex:int
 selectedIndices:Array
 selectedItem:Object
 selectedItems:Array
 selectionIndicators:Object
 selectionLayer:Sprite
 selectionTweens:Object
 showCaret:Boolean
 showDataTips:Boolean
 unconstrainedRenderers:Object
 value:Object
 variableRowHeight:Boolean
 visibleData:Object
 wordWrap:Boolean
 wordWrapChanged:Boolean
 addDataEffectItem():void
 addDragData():void
 addDataEffectItemRenderers():void
 adjustListContent():void
 AdvancedListBase()
 applySelectionEffect():void
 calculateDropIndex():int
 calculateDropIndicatorY():Number
 clearIndicators():void
 clearSelected():void
 collectionChangeHandler():void
 commitProperties():void
 configureScrollBars():void
 copySelectedItems():Array
 createChildren():void
 dragCompleteHandler():void
 dragDropHandler():void
 dragEnterHandler():void
 dragExitHandler():void
 dragOverHandler():void
 dragScroll():void
 dragStartHandler():void
 drawCaretIndicator():void
 drawHighlightIndicator():void
 drawItem():void
 drawRowBackgrounds():void
 drawSelectionIndicator():void
 findKey():Boolean
 findString():Boolean
 finishDataChangeEffect():void
 finishKeySelection():void
 getRendererSemanticValue():Object
 getReservedOrFreeItemRenderer():IListItemRenderer
 hideDropFeedback():void
 indexToColumn():int
 indexToItemRenderer():IListItemRenderer
 indexToRow():int
 indicesToIndex():int
 initiateDataChangeEffect():void
 invalidateList():void
 isItemHighlighted():Boolean
 isItemSelected():Boolean
 isItemVisible():Boolean
 isRendererUnconstrained():Boolean
 itemRendererContains():Boolean
 itemRendererToIndex():int
 itemRendererToIndices():Point
 itemRendererChanged():Boolean
 reservedItemRenderers:Object
 rowCount:int
 rowHeight:Number
 rowInfo:Array
 rowMap:Object
 runDataEffectNextUpdate:Boolean
 runningDataEffect:Boolean
 selectable:Boolean
 selectedData:Object
 selectedIndex:int
 selectedIndices:Array
 selectedItem:Object
 selectedItems:Array
 selectionIndicators:Object
 selectionLayer:Sprite
 selectionTweens:Object
 showCaret:Boolean
 showDataTips:Boolean
 unconstrainedRenderers:Object
 value:Object
 variableRowHeight:Boolean
 visibleData:Object
 wordWrap:Boolean
 wordWrapChanged:Boolean
 addDataEffectItem():void
 addDragData():void
 addDataEffectItemRenderers():void
 adjustListContent():void
 AdvancedListBase()
 applySelectionEffect():void
 calculateDropIndex():int
 calculateDropIndicatorY():Number
 clearIndicators():void
 clearSelected():void
 collectionChangeHandler():void
 commitProperties():void
 configureScrollBars():void
 copySelectedItems():Array
 createChildren():void
 dragCompleteHandler():void
 dragDropHandler():void
 dragEnterHandler():void
 dragExitHandler():void
 dragOverHandler():void
 dragScroll():void
 dragStartHandler():void
 drawCaretIndicator():void
 drawHighlightIndicator():void
 drawItem():void
 drawRowBackgrounds():void
 drawSelectionIndicator():void
 findKey():Boolean
 findString():Boolean
 finishDataChangeEffect():void
 finishKeySelection():void
 getRendererSemanticValue():Object
 getReservedOrFreeItemRenderer():IListItemRenderer

AdvancedListBaseAutomationImpl

P: mx.automation.delegates.
 advancedDataGrid
 → ScrollControlBaseAutomationImpl
 automationTabularData:Object
 AdvancedListBaseAutomationImpl()
 init():void

AIREvent

P: mx.events
 → Event
 APPLICATION_ACTIVATE:String
 APPLICATION_DEACTIVATE:String
 WINDOW_COMPLETE:String
 AIREvent()

Alert

P: mx.controls
 → Panel
 buttonFlags:uint
 buttonHeight:Number
 buttonWidth:Number
 CANCEL:uint
 cancelLabel:String
 defaultButtonFlag:uint
 iconClass:Class
 NO:uint
 noLabel:String
 NONMODAL:uint
 OK:uint
 okLabel:String
 text:String
 YES:uint
 yesLabel:String
 Alert()
 show():Alert

AlertAutomationImpl

P: mx.automation.delegates.
 controls
 → PanelAutomationImpl
 AlertAutomationImpl()
 init():void

AlertFormAutomationImpl

P: mx.automation.delegates.
 controls
 → UIComponentAutomationImpl
 AlertFormAutomationImpl()
 componentInitialized():void
 init():void

AMFChannel

P: mx.messaging.channels
 → PollingChannel
 polling:Boolean
 pollingEnabled:Boolean
 pollingInterval:Number
 protocol:String
 AMFChannel()

AnimateProperty

P: mx.effects
 → TweenEffect
 fromValue:Number
 isStyle:Boolean
 property:String
 roundValue:Boolean
 toValue:Number
 AnimateProperty()

AnimatePropertyInstance

P: mx.effects.effectClasses
 → TweenEffectInstance
 fromValue:Number
 isStyle:Boolean
 property:String
 roundValue:Boolean
 toValue:Number
 AnimatePropertyInstance()

AntiAliasType

P: flash.text
 → Object
 ADVANCED:String
 NORMAL:String

Application

P: mx.core
 → LayoutContainer
 application:Object
 controlBar:UIComponent
 frameRate:Number
 historyManagementEnabled:Boolean
 pageTitle:String
 parameters:Object
 preloader:Object
 resetHistory:Boolean
 scriptRecursionLimit:int
 scriptTimeLimit:Number
 url:String
 usePreloader:Boolean
 viewSourceURL:String
 addToCreationQueue():void
 Application()

ApplicationAutomationImpl

P: mx.automation.delegates.
 containers
 → ContainerAutomationImpl
 ApplicationAutomationImpl()
 init():void

ApplicationControlBar

P: mx.containers
 → Object
 dock:Boolean
 ApplicationControlBar()

ApplicationDomain

P: flash.system
 currentDomain:ApplicationDomain
 domainMemory:ByteArray
 MIN_DOMAIN_MEMORY_LENGTH:uint
 parentDomain:ApplicationDomain
 ApplicationDomain()
 getDefinition():Object
 hasDefinition():Boolean

ApplicationTitleBarBackgroundSkin

P: mx.skins.halo
 → ProgrammaticSkin

AreaChart

P: mx.charts
 → CartesianChart
 type:String
 AreaChart()

AreaRenderer

P: mx.charts.renderers
 → ProgrammaticSkin
 IDataRenderer
 data:Object
 AreaRenderer()

AreaSeries

P: mx.charts.series
 → Series
 IStackable2
 fillFunction:Function
 horizontalAxis:IAxis
 items:Array
 itemType:Class
 minField:String
 renderDataType:Class
 sortOnXField:Boolean
 stacker:StackedSeries
 stackTotals:Dictionary
 verticalAxis:IAxis

xField:String
 yField:String
 applyItemRendererProperties():void
 AreaSeries()
 commitProperties():void
 invalidateData():void
 invalidateMapping():void
 stack():Number
 stackAll():Object

AreaSeriesAutomationImpl

P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 AreaSeriesAutomationImpl()
 init():void

AreaSeriesItem

P: mx.charts.series.items
 → ChartItem
 fill:IFill
 min:Number
 minFilter:Number
 minNumber:Number
 minValue:Object
 x:Number
 xFilter:Number
 xNumber:Number
 xValue:Object
 y:Number
 yFilter:Number
 yNumber:Number
 yValue:Object
 AreaSeriesItem()

AreaSeriesRenderData

P: mx.charts.series.renderData
 → RenderData
 element:AreaSeries
 radius:Number
 renderedBase:Number
 AreaSeriesRenderData()

AreaSet

P: mx.charts.series
 → StackedSeries

ArgumentError

P: Top Level
 → Error
 ArgumentError()

arguments

P: Top Level
 callee:Function
 length:Number

Array

P: Top Level
 → Object
 CASEINSENSITIVE:uint
 DESCENDING:uint
 length:uint
 NUMERIC:uint
 RETURNINDEXEDARRAY:uint
 UNIQUESORT:uint
 Array()
 concat():Array
 every():Boolean
 filter():Array
 forEach():void
 indexOf():int
 join():String
 lastIndexOf():int
 map():Array
 pop():*
 push():uint
 reverse():Array
 shift():*
 slice():Array
 some():Boolean
 sort():Array
 sortOn():Array
 splice():Array
 toLocaleString():String
 toString():String
 unshift():uint

map():Array
 pop():*
 push():uint
 reverse():Array
 shift():*
 slice():Array
 some():Boolean
 sort():Array
 sortOn():Array
 splice():Array
 toLocaleString():String
 toString():String
 unshift():uint

ArrayCollection

P: mx.collections
 → ListCollectionView
 IExternalizable
 source:Array
 ArrayCollection()

ArrayUtil

P: mx.utils
 → Object
 getItemIndex():int
 toArray():Array

AsyncErrorEvent

P: flash.events
 → ErrorEvent
 ASYNC_ERROR:String
 error:Error
 AsyncErrorEvent()
 clone():Event
 toString():String

AsyncMessage

P: mx.messaging.messages
 → AbstractMessage
 correlationId:String
 SUBTOPIC_HEADER:String
 AsyncMessage()

AsyncRequest

P: mx.rpc
 → Producer
 AsyncRequest()
 invoke():void

AsyncResponder

P: mx.rpc
 → Object
 IResponder
 AsyncResponder()
 fault():void
 result():void

AsyncToken

P: mx.rpc
 → EventDispatcher
 message IMessage
 responders:Array
 result:Object
 addResponder():void
 AsyncToken()
 hasResponder():Boolean

AuthenticationMethod

P: flash.net.drm
 → Object
 ANONYMOUS:String
 USERNAME_AND_PASSWORD:String

Automation

P: mx.automation
 → Object
[automationManager:IAutomationManager](#)
[automationObjectHelper:IAutomationObjectHelper](#)
[errorShown:Boolean](#)
[initialized:Boolean](#)
[mouseSimulator:IAutomationMouseSimulator](#)
[recordedLinesCount:Number](#)
[recordReplayLimit:Number](#)
[restrictionNeeded:Boolean](#)
[decrementRecordedLinesCount\(\):Number](#)
[incrementRecordedLinesCount\(\):Number](#)
[isLicensePresent\(\):Boolean](#)
[registerDelegateClass\(\):void](#)

AutomationDragEvent

P: mx.automation.events
 → MouseEvent
 action:String
[draggedItem:IAutomationObject](#)
[DRAG_COMPLETE:String = "dragComplete"](#)
[DRAG_DROP:String = "dragDrop"](#)
[DRAG_START:String = "dragStart"](#)
[dropParent:IAutomationObject](#)
[AutomationDragEvent\(\)](#)

AutomationDragEventWithPositionInfo

P: mx.automation.events
 → AutomationDragEvent
[DRAG_COMPLETE:String = "dragComplete"](#)
[DRAG_DROP:String = "dragDrop"](#)
[DRAG_START:String = "dragStart"](#)
[AutomationDragEventWithPositionInfo\(\)](#)
[clone\(\):Event](#)

AutomationIDPart

P: mx.automation

AutomationError

P: mx.automation
 → Error
 code:Number
[ILLEGAL_OPERATION:Number](#)
[ILLEGAL_RUNTIME_ID:Number](#)
[OBJECT_NOT_FOUND:Number](#)
[OBJECT_NOT_UNIQUE:Number](#)
[OBJECT_NOT_VISIBLE:Number](#)
[AutomationError\(\)](#)

AutomationEvent

P: mx.automation.events
 → Event
[BEGIN_RECORD:String = "beginRecord"](#)
[END_RECORD:String = "endRecord"](#)
[AutomationEvent\(\)](#)

AutomationID

P: mx.automation
 → Object
 length:int
[addFirst\(\):void](#)
[addLast\(\):void](#)
[AutomationID\(\)](#)
[concat\(\):AutomationID](#)

[equals\(\):Boolean](#)
[isEmpty\(\):Boolean](#)
[parse\(\):AutomationID](#)
[peekFirst\(\):AutomationIDPart](#)
[peekLast\(\):AutomationIDPart](#)
[removeFirst\(\):AutomationIDPart](#)
[removeLast\(\):AutomationIDPart](#)
[toString\(\):String](#)

AutomationIDPart

P: mx.automation
 → Object

AutomationRecordEvent

P: mx.automation.events
 → Event
 args:Array
[automationObject:IAutomationObject](#)
[cacheable:Boolean](#)
[name:String](#)
[RECORD:String = "record"](#)
[replayableEvent:Event](#)
[AutomationRecordEvent\(\)](#)

AutomationReplayEvent

P: mx.automation.events
 → Event
[automationObject:IAutomationObject](#)
[replayableEvent:Event](#)
[REPLAY:String = "replay"](#)
[succeeded:Boolean](#)
[AutomationReplayEvent\(\)](#)

AverageAggregator

P: mx.olap.aggregators
 → Object
[IOLAPCustomAggregator](#)
[computeBegin\(\):Object](#)
[computeEnd\(\):Number](#)
[computeLoop\(\):void](#)
[computeObjectBegin\(\):Object](#)
[computeObjectEnd\(\):Number](#)
[computeObjectLoop\(\):void](#)

AVM1Movie

P: flash.display
 → Display Object

AxisBase

→ EventDispatcher
 P: mx.charts.chartClasses
[chartDataProvider:Object](#)
[displayName:String](#)
[title:String](#)
[unitSize:Number](#)
[AxisBase\(\)](#)
[dataChanged\(\):void](#)
[describeData\(\):Array](#)
[registerDataTransform\(\):void](#)
[unregisterDataTransform\(\):void](#)

AxisLabel

P: mx.charts
 position:Number
 text:String
 value:Object
[AxisLabel\(\)](#)

AxisLabelSet

P: mx.charts.chartClasses
[accurate:Boolean](#)
[labels:Array](#)
[minorTicks:Array](#)
[ticks:Array](#)
[AxisLabelSet\(\)](#)

AxisRenderer

P: mx.charts
 → DualStyleObject
[IAxisRenderer](#)
[axis:IAxis](#)
[chart:ChartBase](#)
[gutters:Rectangle](#)
[heightLimit:Number](#)
[highlightElements:Boolean](#)
[horizontal:Boolean](#)
[labelFunction:Function](#)
[labelRenderer:IFactory](#)
[length:Number](#)
[minorTicks:Array](#)
[otherAxes:Array](#)
[placement:String](#)
[ticks:Array](#)
[titleRenderer:IFactory](#)
[adjustGutters\(\):Rectangle](#)
[AxisRenderer\(\)](#)
[chartStateChanged\(\):void](#)
[invalidateDisplayList\(\):void](#)
[invalidateSize\(\):void](#)
[measure\(\):void](#)
[move\(\):void](#)
[setActualSize\(\):void](#)
[updateDisplayList\(\):void](#)

AxisRendererAutomationImpl

P: mx.automation.delegates.charts
 → UIComponentAutomationImpl
[AxisRendererAutomationImpl\(\)](#)
[init\(\):void](#)

Back

P: mx.effects.easing
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

BarChart

→ CartesianChart
 P: mx.charts
[type:String](#)
[BarChart\(\)](#)

BarSeries

→ Series
[IStackable2](#)
[IBar](#)
 P: mx.charts.series
[barWidthRatio:Number](#)
[fillFunction:Function](#)
[horizontalAxis:IAxis](#)
[items:Array](#)
[itemType:Class](#)
[labelField:String](#)
[labelFunction:Function](#)
[maxBarWidth:Number](#)
[minField:String](#)
[offset:Number](#)
[renderDataType:Class](#)
[stacker:StackedSeries](#)
[stackTotals:Dictionary](#)
[verticalAxis:IAxis](#)
[xField:String](#)
[yField:String](#)
[applyItemRendererProperties\(\):void](#)
[BarSeries\(\)](#)
[commitProperties\(\):void](#)
[createChildren\(\):void](#)
[invalidateData\(\):void](#)
[invalidateMapping\(\):void](#)
[stack\(\):Number](#)
[stackAll\(\):Object](#)

BarSeriesAutomationImpl

P: mx.automation.delegates.charts
 → SeriesAutomationImpl
[BarSeriesAutomationImpl\(\)](#)
[init\(\):void](#)

BarSeriesItem

→ ChartItem
 P: mx.charts.series.items
 fill:IFill
 min:Number
 minFilter:Number
 minNumber:Number
 minValue:Object
 x:Number
 xFilter:Number
 xNumber:Number
 xValue:Object
 y:Number
 yFilter:Number
 yNumber:Number
 yValue:Object
[BarSeriesItem\(\)](#)

BarSeriesRenderData

P: mx.charts.series.renderData
 → RenderData
[labelData:Object](#)
[labelScale:Number](#)
[renderedBase:Number](#)
[renderedHalfWidth:Number](#)
[renderedYOffset:Number](#)
[BarSeriesRenderData\(\)](#)

BarSet

P: mx.charts.series
 → StackedSeries
[IBar](#)
[barWidthRatio:Number](#)
[maxBarWidth:Number](#)
[offset:Number](#)
[BarSet\(\)](#)
[stack\(\):void](#)

Base64Decoder

P: mx.utils
 → Object
[Base64Decoder\(\)](#)
[decode\(\):void](#)
[reset\(\):void](#)
[toArray\(\):ByteArray](#)

Base64Encoder

P: mx.utils
 → Object
[CHARSET_UTF_8:String](#)
[insertNewLines:Boolean](#)
[newLine:int](#)
[Base64Encoder\(\)](#)
[encode\(\):void](#)
[encodeBytes\(\):void](#)
[encodeUTFBytes\(\):void](#)
[reset\(\):void](#)
[toString\(\):String](#)

BaseListData

P: mx.controls.listClasses
 → Object
 columnIndex:int
 label:String
 owner:UIComponent
 rowIndex:int
 uid:String
[BaseListData\(\)](#)

BevelFilter

P: flash.filters
 → BitmapFilter
[angle:Number](#)
[blurX:Number](#)
[blurY:Number](#)
[distance:Number](#)
[highlightAlpha:Number](#)
[highlightColor:uint](#)
[knockout:Boolean](#)
[quality:int](#)
[shadowAlpha:Number](#)
[shadowColor:uint](#)
[strength:Number](#)
[type:String](#)
[BevelFilter\(\)](#)
[clone\(\):BitmapFilter](#)

BindingUtils

P: mx.binding.utils
 → Object
[bindProperty\(\):ChangeWatcher](#)
[bindSetter\(\):ChangeWatcher](#)

Bitmap

P: flash.display
 → Display Object
[bitmapData:BitmapData](#)
[pixelSnapping:String](#)
[smoothing:Boolean](#)
[Bitmap\(\)](#)

BitmapAsset

P: mx.core
 → FlexBitmap
[IFlexAsset](#)
[IFlexDisplayObject](#)
[measuredHeight:Number](#)
[measuredWidth:Number](#)
[BitmapAsset\(\)](#)
[move\(\):void](#)
[setActualSize\(\):void](#)

BitmapData

P: flash.display
 → Object
[IBitmapDrawable](#)
[height:int](#)
[rect:Rectangle](#)
[transparent:Boolean](#)
[width:int](#)
[applyFilter\(\):void](#)
[BitmapData\(\)](#)
[clone\(\):BitmapData](#)
[colorTransform\(\):void](#)
[compare\(\):Object](#)
[copyChannel\(\):void](#)
[copyPixels\(\):void](#)
[dispose\(\):void](#)
[draw\(\):void](#)
[fillRect\(\):void](#)
[floodFill\(\):void](#)
[generateFilterRect\(\):Rectangle](#)
[getColorBoundsRect\(\):Rectangle](#)
[getPixel\(\):uint](#)
[getPixel32\(\):uint](#)
[getPixels\(\):ByteArray](#)
[hitTest\(\):Boolean](#)
[lock\(\):void](#)
[merge\(\):void](#)
[noise\(\):void](#)
[paletteMap\(\):void](#)
[perlinNoise\(\):void](#)
[pixelDissolve\(\):int](#)
[scroll\(\):void](#)
[setPixel\(\):void](#)

[setPixel32\(\):void](#)
[setPixels\(\):void](#)
[setVector\(\):void](#)
[threshold\(\):uint](#)
[unlock\(\):void](#)

BitmapDataChannel

P: flash.display
 → Object
[ALPHA:uint](#)
[BLUE:uint](#)
[GREEN:uint](#)
[RED:uint](#)

BitmapFill

P: mx.graphics
 → Object
[IFill](#)
[offsetX:Number](#)
[offsetY:Number](#)
[originX:Number](#)
[originY:Number](#)
[repeat:Boolean](#)
[rotation:Number](#)
[scaleX:Number](#)
[scaleY:Number](#)
[smooth:Boolean](#)
[source:Object](#)
[BitmapFill\(\)](#)

BitmapFilter

P: flash.filters
 → Object
[clone\(\):BitmapFilter](#)

BitmapFilterQuality

P: flash.filters
 → Object
[HIGH:int](#)
[LOW:int](#)
[MEDIUM:int](#)

BitmapFilterType

P: flash.filters
 → Object
[FULL:String](#)
[INNER:String](#)
[OUTER:String](#)

BlendMode

P: flash.display
 → Object
[ADD:String](#)
[ALPHA:String](#)
[DARKEN:String](#)
[DIFFERENCE:String](#)
[ERASE:String](#)
[HARDLIGHT:String](#)
[INVERT:String](#)
[LAYER:String](#)
[LIGHTEN:String](#)
[MULTIPLY:String](#)
[NORMAL:String](#)
[OVERLAY:String](#)
[SCREEN:String](#)
[SHADER:String](#)
[SUBTRACT:String](#)

Blur

P: mx.effects
 → TweenEffect
[blurXFrom:Number](#)
[blurXTo:Number](#)
[blurYFrom:Number](#)
[blurYTo:Number](#)
[Blur\(\)](#)

BlurFilter

P: flash.filters
 → BitmapFilter
[blurX:Number](#)
[blurY:Number](#)
[quality:int](#)
[BlurFilter\(\)](#)
[clone\(\):BitmapFilter](#)

BlurInstance

P: mx.effects.effectClasses
 → TweenEffectInstance
[blurXFrom:Number](#)
[blurXTo:Number](#)
[blurYFrom:Number](#)
[blurYTo:Number](#)
[BlurInstance\(\)](#)

Boolean

P: Top Level
 → Object
 Boolean()
[toString\(\):String](#)
[valueOf\(\):Boolean](#)

Border

P: mx.skins
 → ProgrammaticSkin
[IBorder](#)
[borderMetrics:EdgeMetrics](#)
[Border\(\)](#)

Bounce

P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

BoundedValue

P: mx.charts.chartClasses
 → Object
[lowerMargin:Number](#)
[upperMargin:Number](#)
[value:Number](#)
[BoundedValue\(\)](#)

Box

P: mx.containers
 → Container
[direction:String](#)
[Box\(\)](#)
[measure\(\):void](#)
[pixelsToPercent\(\):Number](#)
[updateDisplayList\(\):void](#)

BoxAutomationImpl

P: mx.automation.delegates.containers
 → ContainerAutomationImpl
[BoxAutomationImpl\(\)](#)
[init\(\):void](#)

BoxDirection

P: mx.containers
 → Object
[HORIZONTAL:String](#)
[VERTICAL:String](#)

BoxDivider

P: mx.containers.dividedBoxClasses
 → UIComponent

BoxItemRenderer

P: mx.charts.renderers
 → ProgrammaticSkin
[IDataRenderer](#)
[data:Object](#)
[BoxItemRenderer\(\)](#)

BreakOpportunity

P: flash.text.engine
 → Object
[ALL:String](#)
[ANY:String](#)
[AUTO:String](#)
[NONE:String](#)

BrokenImageBorderSkin

P: mx.skins.halo
 → ProgrammaticSkin

BrowserChangeEvent

P: mx.events
 → Event
[APPLICATION_URL_CHANGE:String](#)
[BROWSER_URL_CHANGE:String](#)
[lastURL:String](#)
[url:String](#)
[URL_CHANGE:String](#)
[BrowserChangeEvent\(\)](#)

BrowserInvokeEvent

P: flash.events
 → Event
[arguments:Array](#)
[BROWSER_INVOKE:String](#)
[isHTTPS:Boolean](#)
[isUserEvent:Boolean](#)
[sandboxType:String](#)
[securityDomain:String](#)
[BrowserInvokeEvent\(\)](#)
[clone\(\):Event](#)

BrowserManager

P: mx.managers
 → Object
[getInstance\(\):IBrowserManager](#)

BubbleChart

P: mx.charts
 → CartesianChart
[radiusAxis:IAxis](#)
[BubbleChart\(\)](#)

BubbleSeries

P: mx.charts.series
 → Series
[fillFunction:Function](#)
[horizontalAxis:IAxis](#)
[items:Array](#)
[itemType:Class](#)
[legendData:Array](#)
[maxRadius:Number](#)
[minRadius:Number](#)
[RADIUS_AXIS:IAxis](#)
[radiusField:String](#)
[renderData:Object](#)
[renderDataType:Class](#)
[verticalAxis:IAxis](#)
[xField:String](#)
[yField:String](#)
[applyItemRendererProperties\(\):void](#)
[beginInterpolation\(\):Object](#)
[BubbleSeries\(\)](#)
[commitProperties\(\):void](#)
[describeData\(\):Array](#)
[findDataPoints\(\):Array](#)
[getElementBounds\(\):void](#)

getMissingInterpolationValues():void
 styleChanged():void
 updateData():void
 updateDisplayList():void
 updateFilter():void
 updateMapping():void
 updateTransform():void

BubbleSeriesAutomationImpl ■
 P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 BubbleSeriesAutomationImpl()
 init():void

BubbleSeriesItem ■
 P: mx.charts.series.items
 → ChartItem
 fill:IFill
 x:Number
 xFilter:Number
 xNumber:Number
 xValue:Object
 y:Number
 yFilter:Number
 yNumber:Number
 yValue:Object
 z:Number
 zFilter:Number
 zNumber:Number
 zValue:Object
 BubbleSeriesItem()

BubbleSeriesRenderData ■
 P: mx.charts.series.renderData
 → RenderData

Button ■
 P: mx.controls
 → UIComponent
 IDataRenderer
 IDropInListItemRenderer
 IFocusManagerComponent
 IListItemRenderer
 IFontContextComponent
 IButton
 autoRepeat:Boolean
 data:Object
 emphasized:Boolean
 fontContext:IFlexModuleFactory
 label:String
 labelPlacement:String
 listData:BaseListData
 selected:Boolean
 selectedField:String
 stickyHighlighting:Boolean
 textField:UITextField
 toggle:Boolean
 Button()
 clickHandler():void
 mouseDownHandler():void
 mouseUpHandler():void
 rollOutHandler():void
 rollOverHandler():void

ButtonAsset ■
 P: mx.core
 → FlexSimpleButton
 IFlexAsset
 IFlexDisplayObject
 measuredHeight:Number
 measuredWidth:Number
 ButtonAsset()
 move():void
 setActualSize():void

ButtonAutomationImpl ■
 P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
 ButtonAutomationImpl()
 init():void

ButtonBar ■
 P: mx.controls
 → NavBar
 IFocusManagerComponent

ButtonBarAutomationImpl ■
 P: mx.automation.delegates.controls
 → NavBarAutomationImpl
 ButtonBarAutomationImpl()
 init():void

ButtonBarButtonSkin ■
 P: mx.skins.halo
 → Border

ButtonLabelPlacement ■
 P: mx.controls
 → Object
 BOTTOM:String
 LEFT:String
 RIGHT:String
 TOP:String

ButtonSkin ■
 P: mx.skins.halo
 → Border

ByteArray
 P: flash.utils
 → Object
 IDataInput
 IDataOutput
 bytesAvailable:uint
 defaultObjectEncoding:uint
 endian:String
 length:uint
 objectEncoding:uint
 position:uint
 ByteArray()
 compress():void
 readBoolean():Boolean
 readByte():int
 readBytes():void
 readDouble():Number
 readFloat():Number
 readInt():int
 readMultiByte():String
 readObject():*
 readShort():int
 readUnsignedByte():uint
 readUnsignedInt():uint
 readUnsignedShort():uint
 readUTF():String
 readUTFBytes():String
 toString():String
 uncompress():void
 writeBoolean():void
 writeByte():void
 writeBytes():void
 writeDouble():void
 writeFloat():void
 writeInt():void
 writeMultiByte():void
 writeObject():void
 writeShort():void
 writeUnsignedInt():void

writeUTF():void
 writeUTFBytes():void
ByteArrayAsset ■
 P: mx.core
 → ByteArray
 IFlexAsset

CalendarLayoutChangeEvent ■
 P: mx.events
 → Event
 CHANGE:String
 newDate:Date
 triggerEvent:Event
 CalendarLayoutChangeEvent()

Camera
 P: flash.media
 → EventDispatcher
 activityLevel:Number
 bandwidth:int
 currentFPS:Number
 fps:Number
 height:int
 index:int
 keyFrameInterval:int
 loopback:Boolean
 motionLevel:int
 motionTimeout:int
 muted:Boolean
 name:String
 names:Array
 quality:int
 width:int
 getCamera():Camera
 setKeyFrameInterval():void
 setLoopback():void
 setMode():void
 setMotionLevel():void
 setQuality():void

CartesianCanvasValue ■
 P: mx.charts.chartClasses
 → Object
CartesianChart ■
 P: mx.charts.chartClasses
 → ChartBase
 computedGutters:Rectangle
 dataRegion:Rectangle
 horizontalAxis:IAxis
 horizontalAxisRatio:Number
 horizontalAxisRenderers:Array
 selectedChartItems:Array
 verticalAxis:IAxis
 verticalAxisRatio:Number
 verticalAxisRenderers:Array
 CartesianChart()
 commitProperties():void
 getFirstItem():ChartItem
 getLastItem():ChartItem
 getNextItem():ChartItem
 getPreviousItem():ChartItem
 initSecondaryMode():void
 measure():void
 styleChanged():void
 updateAxisLayout():void
 updateDisplayList():void

CandlestickChart ■
 P: mx.charts
 → CartesianChart
CandlestickItemRenderer ■
 P: mx.charts.renderers
 → ProgrammaticSkin
 IDataRenderer
 data:Object
 CandlestickItemRenderer()

CandlestickSeries ■
 P: mx.charts.series
 → HLOCSeriesBase
 fillFunction:Function
 CandlestickSeries()
 findDataPoints():Array

Canvas ■
 P: mx.containers
 → Container
 IConstraintLayout
 constraintColumns:Array
 constraintRows:Array
 Canvas()
 measure():void
 updateDisplayList():void

CanvasAutomationImpl ■
 P: mx.automation.delegates.containers
 → ContainerAutomationImpl
 CanvasAutomationImpl():void
 init():void

Capabilities
 P: flash.system
 → Object
 avHardwareDisable:Boolean
 hasAccessibility:Boolean
 hasAudio:Boolean
 hasAudioEncoder:Boolean
 hasEmbeddedVideo:Boolean
 hasIME:Boolean
 hasMP3:Boolean
 hasPrinting:Boolean
 hasScreenBroadcast:Boolean
 hasScreenPlayback:Boolean
 hasStreamingAudio:Boolean
 hasStreamingVideo:Boolean
 hasTLS:Boolean
 hasVideoEncoder:Boolean
 isDebugger:Boolean
 language:String
 localFileReadDisable:Boolean
 manufacturer:String
 os:String
 pixelAspectRatio:Number
 playerType:String
 screenColor:String
 screenDPI:Number
 screenResolutionX:Number
 screenResolutionY:Number
 serverString:String
 version:String

CapsStyle
 P: flash.display
 → Object
 NONE:String
 ROUND:String
 SQUARE:String

CartesianCanvasValue ■
 P: mx.charts.chartClasses
 → Object

CartesianChart ■
 P: mx.charts.chartClasses
 → ChartBase
 computedGutters:Rectangle
 dataRegion:Rectangle
 horizontalAxis:IAxis
 horizontalAxisRatio:Number
 horizontalAxisRenderers:Array
 selectedChartItems:Array
 verticalAxis:IAxis
 verticalAxisRatio:Number
 verticalAxisRenderers:Array
 CartesianChart()
 commitProperties():void
 getFirstItem():ChartItem
 getLastItem():ChartItem
 getNextItem():ChartItem
 getPreviousItem():ChartItem
 initSecondaryMode():void
 measure():void
 styleChanged():void
 updateAxisLayout():void
 updateDisplayList():void

CartesianChartAutomationImpl ■
 P: mx.automation.delegates.charts
 → ChartBaseAutomationImpl
 CartesianChartAutomationImpl()
 init():void

CartesianDataCanvas ■
 P: mx.charts.chartClasses
 → ChartElement
 dataChildren:Array
 dataTransform:DataTransform
 horizontalAxis:IAxis
 includeInRanges:Boolean
 verticalAxis:IAxis
 addChild():DisplayObject
 addChildAt():DisplayObject
 addDataChild():void
 beginBitmapFill():void
 beginFill():void
 CartesianDataCanvas()
 clear():void
 commitProperties():void
 curveTo():void
 dataToLocal():Point
 describeData():Array
 drawCircle():void
 drawEllipse():void
 drawRect():void
 drawRoundedRect():void
 endFill():void
 invalidateData():void
 invalidateDisplayList():void
 lineStyle():void
 lineTo():void
 localToData():Array
 mappingChanged():void
 moveTo():void
 removeAllChildren():void
 removeChild():DisplayObject
 removeChildAt():DisplayObject
 stripNaNs():void
 updateDataChild():void
 updateDisplayList():void
 updateFilter():void
 validateData():void
 validateTransform():Boolean

CartesianTransform ■
 P: mx.charts.chartClasses
 → Data Transform
 HORIZONTAL_AXIS:String
 pixelHeight:Number
 pixelWidth:Number
 VERTICAL_AXIS:String
 CartesianTransform()
 invertTransform():Array
 transformCache():void

CategoryAxis ■
 P: mx.charts
 → AxisBase
 IAxis
 baseline:Number
 categoryField:String
 dataFunction:Function
 dataProvider:Object
 labelFunction:Function
 padding:Number
 ticksBetweenLabels:Boolean
 formatForScreen():String
 getLabelEstimate():AxisLabelSet
 getLabels():AxisLabelSet
 invertTransform():Object
 mapCache():void
 preferDropLabels():Boolean
 reduceLabels():AxisLabelSet
 transformCache():void
 update():void

CFFHinting
 P: flash.text.engine
 → Object
 HORIZONTAL_STEM:String
 NONE:String

ChangeWatcher ■
 P: mx.binding.utils
 → Object
 canWatch():Boolean
 ChangeWatcher()
 getEvents():Object
 getValue():Object
 isWatching():Boolean
 reset():void
 commitProperties():void
 unwatch():void
 watch():ChangeWatcher

Channel ■
 P: mx.messaging
 → EventDispatcher
 IMXMLObject
 channelSets:Array
 connected:Boolean
 connectTimeout:int
 endpoint:String
 failoverURLs:Array
 id:String
 protocol:String
 reconnecting:Boolean
 recordMessageSizes:Boolean
 recordMessageTimes:Boolean
 requestTimeout:int
 uri:String
 applySettings():void
 Channel()
 connect():void
 connectFailed():void
 connectSuccess():void
 connectTimeoutHandler():void
 disconnect():void
 disconnectFailed():void
 disconnectSuccess():void
 flexClientWaitHandler():void
 getMessageResponder():MessageResponder
 internalConnect():void
 internalDisconnect():void
 internalSend():void
 logout():void
 send():void
 setCredentials():void

ChannelError ■
 P: mx.messaging.errors
 → MessagingError

ChannelEvent ■
 P: mx.messaging.events
 → Event
 channel:Channel
 CONNECT:String
 connected:Boolean
 DISCONNECT:String
 reconnecting:Boolean
 rejected:Boolean
 ChannelEvent()
 clone():Event
 createEvent():ChannelEvent
 toString():String

ChannelFaultEvent ■
 P: mx.messaging.events
 → ChannelEvent
 FAULT:String
 faultCode:String
 faultDetail:String
 faultString:String
 rootCause:Object
 ChannelFaultEvent()
 clone():Event
 createErrorMessage():ErrorMessage
 createEvent():ChannelFaultEvent
 toString():String

ChannelSet ■
 P: mx.messaging
 → EventDispatcher
 channels:Array
 clustered:Boolean
 connected:Boolean
 currentChannel:Channel
 messageAgents:Array
 addChannel():void
 channelConnectHandler():void
 channelDisconnectHandler():void
 channelFaultHandler():void
 ChannelSet()
 connect():void
 disconnect():void
 logout():void
 removeChannel():void
 send():void
 setCredentials():void
 toString():String

ChartBaseAutomationImpl ■
 P: mx.automation.delegates.charts
 → UIComponentAutomationImpl
 ChartBaseAutomationImpl()
 getLocalPoint():Point
 init():void
 isDragEventPositionBased():Boolean
 keyDownHandler():void
 keyDownHandler1():void
 replayAutomatableEvent():Boolean

ChartElement ■
 P: mx.charts.chartClasses
 → DualStyleObject
 IChartElement2
 chart:ChartBase
 chartDataProvider:Object
 cursor:ViewCursor
 dataProvider:Object
 dataTransform:DataTransform
 labelContainer:Sprite
 addChild():DisplayObject
 addChildAt():DisplayObject
 ChartElement()
 chartStateChanged():void
 claimStyles():uint
 collectTransitions():void
 createDataID():Number
 dataChanged():void
 dataToLocal():Point
 describeData():Array
 findDataPoints():Array
 getAllDataPoints():Array
 localToData():Array
 mappingChanged():void
 processNewDataProvider():void

ChartEvent ■
 P: mx.charts.events
 → MouseEvent
 CHART_CLICK:String
 CHART_DOUBLE_CLICK:String
 ChartEvent()

ChartItem ■
 P: mx.charts
 → EventDispatcher
 currentState:String
 DISABLED:String
 element:IChartElement

dragEnterHandler():void
 dragExitHandler():void
 dragOverHandler():void
 dragStartHandler():void
 findDataPoints():Array
 getAllDataPoints():Array
 getFirstItem():ChartItem
 getNextItem():ChartItem
 getPreviousItem():ChartItem
 hideData():void
 hideDropFeedback():void
 invalidateChildOrder():void
 invalidateData():void
 invalidateSeries():void
 invalidateSeriesStyles():void
 legendDataChanged():void
 positionAllDataTips():void
 positionDataTips():void
 setActualSize():void
 showDropFeedback():void
 updateAllDataTips():void

[FOCUSED:String](#)
[FOCUSEDSELECTED:String](#)
 index:int
 item:Object
 itemRenderer:IFlexDisplayObject
[NONE:String](#)
[ROLLOVER:String](#)
[SELECTED:String](#)
 ChartItem()
 clone():ChartItem

ChartItemDragProxy ■
 P: mx.charts.chartClasses
 → UIComponent

ChartItemEvent ■
 P: mx.charts.events
 → MouseEvent
[CHANGE:String](#)
[hitData:HitData](#)
[hitSet:Array](#)
[ITEM_CLICK:String](#)
[ITEM_DOUBLE_CLICK:String](#)
[ITEM_MOUSE_DOWN:String](#)
[ITEM_MOUSE_MOVE:String](#)
[ITEM_MOUSE_UP:String](#)
[ITEM_ROLL_OUT:String](#)
[ITEM_ROLL_OVER:String](#)
 ChartItemEvent()

ChartLabel ■
 P: mx.charts.chartClasses
 → UIComponent
IDataRenderer
[data:Object](#)
 ChartLabel()
 createChildren():void
 invalidateSize():void
 measure():void
 updateDisplayList():void

ChartSelectionChangeEvent ■
 P: mx.automation.events
 → Event
[altKey:Boolean](#)
[CHANGE:String](#) = "change"
[ctrlKey:Boolean](#)
[itemAutomationValue:String](#)
[selectionInfo:Array](#)
[shiftKey:Boolean](#)
[triggerEvent:Event](#)
 ChartSelectionChangeEvent()

ChartState ■
 P: mx.charts.chartClasses
 → Object
[HIDING_DATA:uint](#)
[NONE:uint](#)
[PREPARING_TO_HIDE_DATA:uint](#)
[PREPARING_TO_SHOW_DATA:uint](#)
[SHOWING_DATA:uint](#)

CheckBox ■
 P: mx.controls
 → Button

CheckBoxAutomationImpl ■
 P: mx.automation.delegates.controls
 → ButtonAutomationImpl
 CheckBoxAutomationImpl()
 init():void

CheckBoxIcon ■
 P: mx.skins.halo
 → Border

ChildExistenceChangedEvent ■
 P: mx.events
 → Event
[CHILD_ADD:String](#)
[CHILD_REMOVE:String](#)
[OVERLAY_CREATED:String](#)
[relatedObject:DisplayObject](#)
 ChildExistenceChangedEvent()

ChildItemPendingError ■
 P: mx.collections.errors
 → ItemPendingError

CircleItemRenderer ■
 P: mx.charts.renderers
 → ProgrammaticSkin
IDataRenderer
[data:Object](#)
 CircleItemRenderer()

Circular ■
 P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

Class
 P: Top Level
 → Object

ClassFactory ■
 P: mx.core
 → Object
IFactory
[generator:Class](#)
[properties:Object](#)
 ClassFactory()
 newInstance():*

Clipboard
 P: flash.desktop
 → Object
[formats:Array](#)
[generalClipboard:Clipboard](#)
 clear():void
 clearData():void
 Clipboard()
 getData():Object
 hasFormat():Boolean
 setData():Boolean
 setDataHandler():Boolean

ClipboardFormats
 P: flash.desktop
 → Object
[BITMAP_FORMAT:String](#)
[FILE_LIST_FORMAT:String](#)
[HTML_FORMAT:String](#)
[RICH_TEXT_FORMAT:String](#)
[TEXT_FORMAT:String](#)
[URL_FORMAT:String](#)

ClipboardTransferMode
 P: flash.desktop
 → Object
[CLONE_ONLY:String](#)
[CLONE_PREFERRED:String](#)
[ORIGINAL_ONLY:String](#)
[ORIGINAL_PREFERRED:String](#)

CloseEvent ■
 P: mx.events
 → Event
[CLOSE:String](#)
[detail:int](#)
 CloseEvent()

CollectionEvent ■
 P: mx.events
 → Event
[COLLECTION_CHANGE:String](#)
[items:Array](#)
[kind:String](#)
[location:int](#)
[oldLocation:int](#)
 CollectionEvent()

CollectionEventKind ■
 P: mx.events
 → Object
[ADD:String](#)
[MOVE:String](#)
[REFRESH:String](#)
[REMOVE:String](#)
[REPLACE:String](#)
[RESET:String](#)
[UPDATE:String](#)

CollectionViewError
 P: mx.collections.errors
 → Error

ColorCorrection
 P: flash.display
 → Object
[DEFAULT:String](#)
[OFF:String](#)
[ON:String](#)

ColorCorrectionSupport
 P: flash.display
 → Object
[DEFAULT_OFF:String](#)
[DEFAULT_ON:String](#)
[UNSUPPORTED:String](#)

ColorMatrixFilter
 P: flash.filters
 → BitmapFilter
[matrix:Array](#)
 clone():BitmapFilter
 ColorMatrixFilter()

ColorPicker ■
 P: mx.controls
 → ComboBase
[colorField:String](#)
[labelField:String](#)
[selectedColor:uint](#)
[selectedIndex:int](#)
[showTextField:Boolean](#)
[swatchStyleFilters:Object](#)
 close():void
 ColorPicker()
 open():void

ColorPickerAutomationImpl ■
 P: mx.automation.delegates.controls
 → ComboBaseAutomationImpl
 ColorPickerAutomationImpl()
 init():void

ColorPickerEvent ■
 P: mx.events
 → Event
[CHANGE:String](#)
[color:uint](#)
[ENTER:String](#)
[index:int](#)
[ITEM_ROLL_OUT:String](#)
[ITEM_ROLL_OVER:String](#)
 ColorPickerEvent()

ColorPickerSkin ■
 P: mx.skins.halo
 → Border

ColorTransform
 P: flash.geom
 → Object
[alphaMultiplier:Number](#)
[alphaOffset:Number](#)
[blueMultiplier:Number](#)
[blueOffset:Number](#)
[color:uint](#)
[greenMultiplier:Number](#)
[greenOffset:Number](#)
[redMultiplier:Number](#)
[redOffset:Number](#)
 ColorTransform()
 concat():void
 toString():String

ColorUtil ■
 P: mx.utils
 → Object
[adjustBrightness\(\):uint](#)
[adjustBrightness2\(\):uint](#)
[rgbMultiply\(\):uint](#)

ColumnChart ■
 P: mx.charts
 → CartesianChart
[extendLabelToEnd:Boolean](#)
[maxLabelWidth:int](#)
[showLabelVertically:Boolean](#)
 type:String
 ColumnChart()

ColumnSeries ■
 P: mx.charts.series
 → Series
IColumn
IStackable2
[columnWidthRatio:Number](#)
[fillFunction:Function](#)
[horizontalAxis:IAxis](#)
[items:Array](#)
[itemType:Class](#)
[labelField:String](#)
[labelFunction:Function](#)
[maxColumnWidth:Number](#)
[minField:String](#)
[offset:Number](#)
[renderDataType:Class](#)
[sortOnXField:Boolean](#)
[stacker:StackedSeries](#)
[stackTotals:Dictionary](#)
[verticalAxis:IAxis](#)
[xField:String](#)
[yField:String](#)
 applyItemRendererProperties():void
 ColumnSeries()
 commitProperties():void
 createChildren():void
 invalidateData():void

invalidateMapping():void
 stack():Number
 stackAll():Object

ColumnSeriesAutomationImpl ■
 P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 ColumnSeriesAutomationImpl()
 init():void

ColumnSeriesItem ■
 P: mx.charts.series.items
 → ChartItem
[fill:IFill](#)
[min:Number](#)
[minFilter:Number](#)
[minNumber:Number](#)
[minValue:Object](#)
[x:Number](#)
[xFilter:Number](#)
[xNumber:Number](#)
[xValue:Object](#)
[y:Number](#)
[yFilter:Number](#)
[yNumber:Number](#)
[yValue:Object](#)
 ColumnSeriesItem()

ColumnSeriesRenderData ■
 P: mx.charts.series.renderData
 → RenderData
[labelData:Object](#)
[labelScale:Number](#)
[renderedBase:Number](#)
[renderedHalfWidth:Number](#)
[renderedXOffset:Number](#)
 ColumnSeriesRenderData()

ColumnSet ■
 P: mx.charts.series
 → StackedSeries
IColumn
[columnWidthRatio:Number](#)
[maxColumnWidth:Number](#)
[offset:Number](#)
 buildSubSeries():void
 ColumnSet()
 customizeSeries():void
 describeData():Array
 formatDataTip():String

ComboBase ■
 P: mx.controls
 → UIComponent
IIMESupport
IFocusManagerComponent
[arrowButtonStyleFilters:Object](#)
[borderMetrics:EdgeMetrics](#)
[collection:ICollectionView](#)
[dataProvider:Object](#)
[editable:Boolean](#)
[imeMode:String](#)
[iterator:IViewCursor](#)
[restrict:String](#)
[selectedIndex:int](#)
[selectedItem:Object](#)
[text:String](#)
[textInput:TextInput](#)
[textInputStyleFilters:Object](#)
 Object
 calculatePreferredSizeFromData():Object
 collectionChangeHandler():void
 ComboBase()
 downArrowButton_

buttonDownHandler():void
 itemToUID():String
 measure():void
 textInput_changeHandler():void
 updateDisplayList():void

ComboBaseAutomationImpl ■
 P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
 ComboBaseAutomationImpl()
 init():void

ComboBox ■
 P: mx.controls
 → ComboBase
IDataRenderer
IDropDownListItemRenderer
IListItemRenderer
[data:Object](#)
[dataProvider:Object](#)
[dropdown:ListBase](#)
[dropdownFactory:IFactory](#)
[dropDownStyleFilters:Object](#)
[dropdownWidth:Number](#)
[itemRenderer:IFactory](#)
[labelField:String](#)
[labelFunction:Function](#)
[listData:BaseListData](#)
[prompt:String](#)
[rowCount:int](#)
[selectedIndex:int](#)
[selectedItem:Object](#)
[selectedLabel:String](#)
[calculatePreferredSizeFromData\(\):Object](#)
 close():void
 ComboBox()
 itemToLabel():String
 measure():void
 open():void

ComboBoxArrowSkin ■
 P: mx.skins.halo
 → Border

ComboBoxAutomationImpl ■
 P: mx.automation.delegates.controls
 → ComboBaseAutomationImpl
 ComboBoxAutomationImpl()

CommandMessage ■
 P: mx.messaging.messages
 → AsyncMessage
[ADD_SUBSCRIPTIONS:String](#)
[AUTHENTICATION_MESSAGE_REF_TYPE:String](#)
[CLIENT_PING_OPERATION:uint](#)
[CLIENT_SYNC_OPERATION:uint](#)
[CLUSTER_REQUEST_OPERATION:uint](#)
[CREDENTIALS_CHARSET_HEADER:String](#)
[LOGIN_OPERATION:uint](#)
[LOGOUT_OPERATION:uint](#)
[MESSAGING_VERSION:String](#)
[MULTI_SUBSCRIBE_OPERATION:uint](#)
[NEEDS_CONFIG_HEADER:String](#)
[operation:uint](#)
[POLL_OPERATION:uint](#)
[POLL_WAIT_HEADER:String](#)
[PRESERVE_DURABLE_HEADER:String](#)
[REMOVE_SUBSCRIPTIONS:String](#)
[SELECTOR_HEADER:String](#)
[SUBSCRIBE_OPERATION:uint](#)

[SUBSCRIPTION_INVALIDATE_OPERATION:uint](#)
[SUBTOPIC_SEPARATOR:String](#)
[UNKNOWN_OPERATION:uint](#)
[UNSUBSCRIBE_OPERATION:uint](#)
 CommandMessage()
[getOperationAsString\(\):String](#)
 toString():String

ComponentDescriptor ■
 P: mx.core
 → Object
[document:Object](#)
[events:Object](#)
[id:String](#)
[properties:Object](#)
[propertiesFactory:Function](#)
[type:Class](#)
 ComponentDescriptor()
 invalidateProperties():void
 toString():String

CompositeEffect ■
 P: mx.effects
 → Effect
[children:Array](#)
 addChild():void
 CompositeEffect()

CompositeEffectInstance ■
 P: mx.effects.effectClasses
 → EffectInstance
 addChildSet():void
 CompositeEffectInstance()
 onEffectEnd():void
 onTweenEnd():void
 onTweenUpdate():void

CompressionAlgorithm ●
 P: flash.utils
 → Object
[DEFLATE:String](#)
[ZLIB:String](#)

Concurrency ■
 P: mx.rpc.mxml
 → Object
[LAST:String](#)
[MULTIPLE:String](#)
[SINGLE:String](#)

ConfigMap ■
 P: mx.messaging.config
 → Proxy
[propertyList:Array](#)
 callProperty():*
 ConfigMap()
 deleteProperty():Boolean
 getProperty():*
 hasProperty():Boolean
 nextName():String
 nextNameIndex():int
 nextValue():*
 setProperty():void

ConstraintColumn ■
 P: mx.containers.utilityClasses
 → EventDispatcher
IMXMLObject
[explicitWidth:Number](#)
[id:String](#)
[maxWidth:Number](#)
[minWidth:Number](#)
[percentWidth:Number](#)
[width:Number](#)

ConstraintColumn()
 initialized():void
 setActualWidth():void

ConstraintRow ■
 P: mx.containers.utilityClasses
 → EventDispatcher
IMXMLObject
[explicitHeight:Number](#)
[height:Number](#)
[id:String](#)
[maxHeight:Number](#)
[minHeight:Number](#)
[percentHeight:Number](#)
 ConstraintRow()
 initialized():void
 setActualHeight():void

Consumer ■
 P: mx.messaging
 → AbstractConsumer
[selector:String](#)
[subtopic:String](#)
 Consumer()

Container ■
 P: mx.core
 → UIComponent
IContainer
IDataRenderer
IFocusManagerContainer
IListItemRenderer
IRawChildrenContainer
[actualCreationPolicy:String](#)
[autoLayout:Boolean](#)
[borderMetrics:EdgeMetrics](#)
[childDescriptors:Array](#)
[clipContent:Boolean](#)
[creationIndex:int](#)
[creationPolicy:String](#)
[data:Object](#)
[defaultButton:IFlexDisplayObject](#)
[horizontalLineScrollSize:Number](#)
[horizontalPageScrollSize:Number](#)
[horizontalScrollBar:ScrollBar](#)
[horizontalScrollPolicy:String](#)
[horizontalScrollPosition:Number](#)
[icon:Class](#)
[label:String](#)
[maxHorizontalScrollPosition:Number](#)
[maxVerticalScrollPosition:Number](#)
[numChildren:int](#)
[rawChildren:ChildList](#)
[verticalLineScrollSize:Number](#)
[verticalPageScrollSize:Number](#)
[verticalScrollBar:ScrollBar](#)
[verticalScrollPolicy:String](#)
[verticalScrollPosition:Number](#)
[viewMetrics:EdgeMetrics](#)
[viewMetricsAndPadding:EdgeMetrics](#)
 addChild():void
 addChildAt():DisplayObject
 attachOverlay():void
 Container()

contentToGlobal():Point
 contentToLocal():Point
 createBorder():void
 createComponentFromDescriptor():IFlexDisplayObject
 createComponentsFromDescriptors():void

executeBindings():void
 executeChildBindings():void
 getChildAt():DisplayObject
 getChildByName():DisplayObject
 getChildIndex():int
 getChildren():Array
 globalToContent():Point
 layoutChrome():void
 localToContent():Point
 removeAllChildren():void
 removeChild():DisplayObject
 removeChildAt():DisplayObject
 scrollChildren():void
 setChildIndex():void
 updateDisplayList():void

ContainerAutomationImpl ■
 P: UIComponentAutomationImpl
 → UIComponentAutomationImpl
 ContainerAutomationImpl()
 init():void

ContainerCreationPolicy ■
 P: mx.core
 → Object
 ALL:String
 AUTO:String
 NONE:String
 QUEUED:String

ContainerLayout ■
 P: mx.core
 → Object
 ABSOLUTE:String
 HORIZONTAL:String
 VERTICAL:String

ContainerMovieClip ■
 P: mx.flash
 → UIMovieClip
 content:UIComponent
 ContainerMovieClip()

ContainerMovieClipAutomationImpl ■
 P: mx.automation.delegates.
 flashflexkit
 → UIMovieClipAutomationImpl
 ContainerMovieClipAutomationImpl()
 init():void

ContentElement
 P: flash.text.engine
 → Object
 elementFormat:ElementFormat
 eventMirror:EventDispatcher
 GRAPHIC_ELEMENT:uint
 groupElement:GroupElement
 rawText:String
 text:String
 textBlock:TextBlock
 textBlockBeginIndex:int
 textRotation:String
 userData:*
 ContentElement()

ContextMenu
 P: flash.ui
 → NativeMenu
 builtInItems:ContextMenuBuiltInItems
 customItems:Array
 ContextMenu()
 display():void
 hideBuiltInItems():void

ContextMenuBuiltInItems
 P: flash.ui
 → Object
 forwardAndBack:Boolean
 loop:Boolean
 play:Boolean
 print:Boolean
 quality:Boolean
 rewind:Boolean
 save:Boolean
 zoom:Boolean
 ContextMenuBuiltInItems()

ContextMenuClipboardItems
 P: flash.ui
 → Object
 clear:Boolean
 copy:Boolean
 cut:Boolean
 paste:Boolean
 selectAll:Boolean

ContextMenuEvent
 P: flash.events
 → Event
 contextMenuOwner:InteractiveObject
 MENU_ITEM_SELECT:String
 MENU_SELECT:String
 mouseTarget:InteractiveObject
 clone():Event
 ContextMenuEvent()
 toString():String

ContextMenuItem
 P: flash.ui
 → NativeMenuItem
 caption:String
 separatorBefore:Boolean
 visible:Boolean
 ContextMenuItem()
 systemClearMenuItem():ContextMenuItem
 systemCopyLinkMenuItem():ContextMenuItem
 systemCopyMenuItem():ContextMenuItem
 systemCutMenuItem():ContextMenuItem
 systemOpenLinkMenuItem():ContextMenuItem
 systemPasteMenuItem():ContextMenuItem
 systemSelectAllMenuItem():ContextMenuItem

ContextualClassFactory ■
 P: mx.core
 → ClassFactory
 moduleFactory:IFlexModuleFactory
 ContextualClassFactory()
 newInstance():*

ControlBar ■
 P: mx.containers
 → Box

ConvolutionFilter
 P: flash.filters
 → BitmapFilter
 alpha:Number
 bias:Number
 clamp:Boolean
 color:uint
 divisor:Number
 matrix:Array

matrixX:Number
 matrixY:Number
 preserveAlpha:Boolean
 clone():BitmapFilter
 ConvolutionFilter()

CountAggregator ■
 P: mx.olap.aggregators
 → Object
 IOLAPCustomAggregator
 computeBegin():Object
 computeEnd():Number
 computeLoop():void
 computeObjectBegin():Object
 computeObjectEnd():Number
 computeObjectLoop():void

CreditCardValidator ■
 P: mx.validators
 → Validator
 allowedFormatChars:String
 cardNumberListener:IValidatorListener
 cardNumberProperty:String
 cardNumberSource:Object
 cardTypeListener:IValidatorListener
 cardTypeProperty:String
 cardTypeSource:Object
 invalidCharError:String
 invalidNumberError:String
 noNumError:String
 noTypeError:String
 wrongLengthError:String
 wrongTypeError:String
 CreditCardValidator()
 doValidation():Array
 validateCreditCard():Array

CreditCardValidatorCardType ■
 P: mx.validators
 → Object
 AMERICAN_EXPRESS:String
 DINERS_CLUB:String
 DISCOVER:String
 MASTER_CARD:String
 VISA:String

CrossItemRenderer ■
 P: mx.charts.renderers
 → ProgrammaticSkin
 IDataRenderer
 data:Object
 thickness:Number
 CrossItemRenderer()

CSMSettings
 P: flash.text
 → Object
 fontSize:Number
 insideCutoff:Number
 outsideCutoff:Number
 CSMSettings()

CSSStyleDeclaration ■
 P: mx.styles
 → EventDispatcher
 defaultFactory:Function
 factory:Function
 overrides:Object
 clearStyle():void
 CSSStyleDeclaration()
 getStyle():*
 setStyle():void

CubeEvent ■
 P: mx.events
 → Event

CUBE_COMPLETE:String
 CUBE_PROGRESS:String
 message:String
 progress:int
 QUERY_PROGRESS:String
 total:int
 CubeEvent():void

Cubic ■
 P: mx.effects.easing
 → Object
 easeIn():Number
 easeInOut():Number
 easeOut():Number

CuePointEvent ■
 P: mx.events
 → Event
 CUE_POINT:String
 cuePointName:String
 cuePointTime:Number
 cuePointType:String
 CuePointEvent()

CuePointManager ■
 P: mx.controls.videoClasses
 → Object
 addCuePoint():Object
 getCuePointByName():Object
 getCuePoints():Array
 removeAllCuePoints():void
 removeCuePoint():Object
 setCuePoints():void

CurrencyFormatter ■
 P: mx.flash
 → Formatter
 alignSymbol:String
 currencySymbol:String
 decimalSeparatorFrom:String
 decimalSeparatorTo:String
 precision:Object
 rounding:String
 thousandsSeparatorFrom:String
 thousandsSeparatorTo:String
 useNegativeSign:Object
 useThousandsSeparator:Object
 CurrencyFormatter()
 format():String

CurrencyValidator ■
 P: mx.validators
 → Validator
 alignSymbol:String
 allowNegative:Object
 currencySymbol:String
 currencySymbolError:String
 decimalPointCountError:String
 decimalSeparator:String
 exceedsMaxError:String
 invalidCharError:String
 invalidFormatCharsError:String
 lowerThanMinError:String
 maxValue:Object
 minValue:Object
 negativeError:String
 precision:Object
 precisionError:String
 separationError:String
 thousandsSeparator:String
 CurrencyValidator()
 doValidation():Array
 validateCurrency():Array

CurrencyValidatorAlignSymbol ■
 P: mx.validators
 → Object
 ANY:String
 LEFT:String
 RIGHT:String

CursorBookmark ■
 P: mx.collections
 → Object
 CURRENT:CursorBookmark
 FIRST:CursorBookmark
 LAST:CursorBookmark
 value:Object
 CursorBookmark()
 getViewIndex():int

CursorError
 → Error
 CursorError():void

CursorManager ■
 P: mx.managers
 → Object
 currentCursorID:int
 currentCursorXOffset:Number
 currentCursorYOffset:Number
 NO_CURSOR:int
 getInstance()
 hideCursor():void
 removeAllCursors():void
 removeBusyCursor():void
 removeCursor():void
 setBusyCursor():void
 setCursor():int
 showCursor():void

CursorManagerPriority ■
 P: mx.managers
 → Object
 HIGH:int
 LOW:int
 MEDIUM:int

DataDescription ■
 P: mx.charts.chartClasses
 → Object
 boundedValues:Array
 max:Number
 min:Number
 minInterval:Number
 padding:Number
 REQUIRED_BOUNDED_VALUES:uint
 REQUIRED_MIN_INTERVAL:uint
 REQUIRED_MIN_MAX:uint
 REQUIRED_PADDING:uint
 DataDescription()

DataEvent
 P: flash.events
 → TextEvent
 DATA:String
 data:String
 UPLOAD_COMPLETE_DATA:String
 clone():Event
 DataEvent()
 toString():String

DataGrid ■
 P: mx.controls
 → DataGridBase
 columns:Array
 draggableColumns:Boolean
 editable:Boolean

editedItemPosition:Object
 editedItemRenderer:IListItemRenderer
 horizontalScrollPosition:Number
 imeMode:String
 itemEditorInstance:IListItemRenderer
 minColumnWidth:Number
 resizableColumns:Boolean
 sortableColumns:Boolean
 adjustListContent():void
 clearSeparators():void
 createItemEditor():void
 DataGrid()
 destroyItemEditor():void
 drawColumnBackground():void
 drawHeaderBackground():void
 drawHorizontalLine():void
 drawLinesAndColumnBackgrounds():void
 drawLinesAndColumnGraphics():void
 drawRowBackground():void
 drawSeparators():void
 drawVerticalLine():void
 isItemEditable():Boolean
 placeSortArrow():void
 scrollPositionToIndex():int
 scrollVertically():void

DataGridAutomationImpl ■
 P: mx.automation.delegates.
 controls
 → ComboBoxAutomationImpl
 IIMESupport
 automationTabularData:Object
 DataGridAutomationImpl()
 init():void

DataGridBase ■
 P: mx.controls.dataGridClasses
 → ListBase
 IFontContextComponent
 columnCaretIndicator:Sprite
 columnHighlightIndicator:Sprite
 columnMap:Object
 fontContext:IFlexModuleFactory
 freeItemRenderersTable:Dictionary
 header:DataGridHeaderBase
 headerHeight:Number
 headerMask:Shape
 lockedColumnAndRowContent:DataGridLockedRowContentHolder
 lockedColumnContent:ListBaseContentHolder
 lockedColumnCount:int
 lockedColumnHeader:DataGridHeaderBase
 lockedRowContent:DataGridLockedRowContentHolder
 lockedRowCount:int
 showHeaders:Boolean
 adjustRow():void
 calculateRowHeight():Number
 clearRow():void
 createColumnItemRenderer():IListIte
 mRenderer
 DataGridBase()
 drawVisibleItem():void
 finishKeySelection():void
 itemRendererToIndices():Point
 layoutColumnItemRenderer():Point
 makeListData():BaseListData
 makeRow():Number
 moveSelectionVertically():void
 prepareRowArray():void
 removeExtraRow():void

setRowInfo():void
 setupColumnItemRenderer():IListIte
 mRenderer
 updateRendererDisplayList():void

DataGridColumn ■
 P: mx.controls.dataGridClasses
 → CSSStyleDeclaration
 IIMESupport

dataField:String
 dataTipField:String
 dataTipFunction:Function
 draggable:Boolean
 editable:Boolean
 editorDataField:String
 editorHeightOffset:Number
 editorUsesEnterKey:Boolean
 editorWidthOffset:Number
 editorXOffset:Number
 editorYOffset:Number
 headerRenderer:IFactory
 headerText:String
 headerWordWrap:*
 imeMode:String
 itemEditor:IFactory
 itemRenderer:IFactory
 labelFunction:Function
 minWidht:Number
 nullItemRenderer:IFactory
 rendererIsEditor:Boolean
 resizable:Boolean
 showDataTips:*
 sortable:Boolean
 sortCompareFunction:Function
 sortDescending:Boolean
 visible:Boolean
 width:Number
 wordWrap:*
 DataGridColumn()
 getItemRendererFactory():IFactory
 itemToDataTip():String
 itemToLabel():String
 UIComponent

DataGridHeaderBackgroundSkin ■
 P: mx.skins.halo
 → ProgrammaticSkin

DataGridHeaderBase ■
 P: mx.controls.dataGridClasses
 → UIComponent

DataGridHeaderSeparator ■
 P: mx.skins.halo
 → ProgrammaticSkin

DataGridItemRenderer ■
 P: mx.controls.dataGridClasses
 → UITextField
 IDataRenderer
 IDropInListItemRenderer
 ILayoutManagerClient
 IListItemRenderer
 IStyleClient
 data:Object
 listData:BaseListData
 styleDeclaration:CSSStyleDeclaration
 clearStyle():void
 DataGridItemRenderer()
 getClassStyleDeclarations():Array
 getStyle():*
 initProtoChain():void
 notifyStyleChangeInChildren():void
 regenerateStyleCache():void
 registerEffects():void
 setStyle():void
 toolTipShowHandler():void
 validateDisplayList():void
 validateProperties():void
 validateSize():void

DataGridDragProxy ■
 P: mx.controls.dataGridClasses
 → UIComponent
 DataGridDragProxy()
 measure():void

DataGridEvent ■
 P: mx.events
 → Event
 COLUMN_STRETCH:String
 columnIndex:int
 dataField:String
 HEADER_RELEASE:String
 ITEM_EDIT_BEGIN:String
 ITEM_EDIT_BEGINNING:String
 ITEM_EDIT_END:String
 ITEM_FOCUS_IN:String
 ITEM_FOCUS_OUT:String
 itemRenderer:IListItemRenderer
 localX:Number
 reason:String
 rowIndex:int
 DataGridEvent()

DataGridItemRendererAutomationImpl ■

P: mx.automation.delegates.
controls
→ [UITextFieldAutomationImpl](#)
[DataGridItemRendererAutomationImpl\(\)](#)
[init\(\):void](#)

DataGridListData ■

P: mx.controls.dataGridClasses
→ [BaseListData](#)
[dataField:String](#)
[DataGridListData\(\)](#)

DataGridLockedRowContentHolder ■

P: mx.controls.dataGridClasses
→ [ListBaseContentHolder](#)
[measuredHeight:Number](#)
[DataGridLockedRowContentHolder\(\)](#)

DataGridSortArrow ■

P: mx.skins.halo
→ [ProgrammaticSkin](#)

DataTip ■

P: mx.charts.chartClasses
→ [UIComponent](#)
[IDataRenderer](#)
[data:Object](#)
[maxTipWidth:Number](#)
[createChildren\(\):void](#)
[DataTip\(\)](#)
[measure\(\):void](#)
[updateDisplayList\(\):void](#)

DataTransform ■

P: mx.charts.chartClasses
→ [EventDispatcher](#)
[axes:Object](#)
[elements:Array](#)
[dataChanged\(\):void](#)
[DataTransform\(\)](#)
[describeData\(\):Array](#)
[getAxis\(\):IAxis](#)
[invertTransform\(\):Array](#)
[setAxis\(\):void](#)
[transformCache\(\):void](#)

Date

P: Top Level
→ [Object](#)
[date:Number](#)
[dateUTC:Number](#)
[day:Number](#)
[dayUTC:Number](#)
[fullYear:Number](#)
[fullYearUTC:Number](#)
[hours:Number](#)
[hoursUTC:Number](#)
[milliseconds:Number](#)
[millisecondsUTC:Number](#)
[minutes:Number](#)
[minutesUTC:Number](#)
[month:Number](#)
[monthUTC:Number](#)
[seconds:Number](#)
[secondsUTC:Number](#)
[time:Number](#)
[timezoneOffset:Number](#)
[Date\(\)](#)
[getDate\(\):Number](#)
[getDay\(\):Number](#)

[getFullYear\(\):Number](#)
[getHours\(\):Number](#)
[getMilliseconds\(\):Number](#)
[getMinutes\(\):Number](#)
[getMonth\(\):Number](#)
[getSeconds\(\):Number](#)
[getTime\(\):Number](#)
[getTimezoneOffset\(\):Number](#)
[getUTCDate\(\):Number](#)
[getUTCDay\(\):Number](#)
[getUTCFullYear\(\):Number](#)
[getUTCHours\(\):Number](#)
[getUTCMilliseconds\(\):Number](#)
[getUTCMinutes\(\):Number](#)
[getUTCMonth\(\):Number](#)
[getUTCSeconds\(\):Number](#)
[parse\(\):Number](#)
[setDate\(\):Number](#)
[setFullYear\(\):Number](#)
[setHours\(\):Number](#)
[setMilliseconds\(\):Number](#)
[setMinutes\(\):Number](#)
[setMonth\(\):Number](#)
[setSeconds\(\):Number](#)
[setTime\(\):Number](#)
[setUTCDate\(\):Number](#)
[setUTCFullYear\(\):Number](#)
[setUTCHours\(\):Number](#)
[setUTCMilliseconds\(\):Number](#)
[setUTCMinutes\(\):Number](#)
[setUTCMonth\(\):Number](#)
[setUTCSeconds\(\):Number](#)
[toString\(\):String](#)
[toLocaleDateString\(\):String](#)
[toLocaleTimeString\(\):String](#)
[toLocaleTimeString\(\):String](#)
[toTimeString\(\):String](#)
[toUTCString\(\):String](#)
[UTC\(\):Number](#)
[valueOf\(\):Number](#)

DateBase ■

P: mx.flash
→ [Object](#)
[dayNamesLong:Array](#)
[dayNamesShort:Array](#)
[monthNamesLong:Array](#)
[monthNamesShort:Array](#)
[timeOfDay:Array](#)

DateChooser ■

P: mx.controls
→ [UIComponent](#)
[IFocusManagerComponent](#)
[IFontContextComponent](#)
[allowDisjointSelection:Boolean](#)
[allowMultipleSelection:Boolean](#)
[calendarLayoutStyleFilters:Object](#)
[dayNames:Array](#)
[disabledDays:Array](#)
[disabledRanges:Array](#)
[displayedMonth:int](#)
[displayedYear:int](#)
[firstDayOfWeek:Object](#)
[maxYear:int](#)
[minYear:int](#)
[monthNames:Array](#)
[monthSymbol:String](#)
[nextMonthStyleFilters:Object](#)
[nextYearStyleFilters:Object](#)
[prevMonthStyleFilters:Object](#)
[prevYearStyleFilters:Object](#)
[selectableRange:Object](#)

[selectedDate>Date](#)
[selectedRanges:Array](#)
[showToday:Boolean](#)
[yearNavigationEnabled:Boolean](#)
[yearSymbol:String](#)
[DateChooser\(\)](#)

DateChooserAutomationImpl ■

P: mx.automation.delegates.
controls
→ [UIComponentAutomationImpl](#)
[DateChooserAutomationImpl\(\):void](#)
[init\(\):void](#)
[replayAutomatableEvent\(\):Boolean](#)

DateChooserEvent ■

P: mx.events
→ [Event](#)
[detail:String](#)
[SCROLL:String](#)
[triggerEvent:Event](#)
[DateChooserEvent\(\)](#)

DateChooserEventDetail ■

P: mx.events
→ [Object](#)
[NEXT_MONTH:String](#)
[NEXT_YEAR:String](#)
[PREVIOUS_MONTH:String](#)
[PREVIOUS_YEAR:String](#)

DateChooserIndicator ■

P: mx.skins.halo
→ [ProgrammaticSkin](#)

DateChooserMonthArrowSkin ■

P: mx.skins.halo
→ [Border](#)

DateChooserYearArrowSkin ■

P: mx.skins.halo
→ [Border](#)

DateField ■

P: mx.controls
→ [ComboBase](#)
[IDataRenderer](#)
[IDropDownListItemRenderer](#)
[IFocusManagerComponent](#)
[IListItemRenderer](#)
[data:Object](#)
[dayNames:Array](#)
[disabledDays:Array](#)
[disabledRanges:Array](#)
[displayedMonth:int](#)
[displayedYear:int](#)
[dropdown>DateChooser](#)
[dropdownFactory:IFactory](#)
[firstDayOfWeek:Object](#)
[formatString:String](#)
[labelFunction:Function](#)
[listData:BaseListData](#)
[maxYear:int](#)
[minYear:int](#)
[monthNames:Array](#)
[monthSymbol:String](#)
[parseFunction:Function](#)
[selectableRange:Object](#)
[selectedDate>Date](#)
[showToday:Boolean](#)
[yearNavigationEnabled:Boolean](#)
[yearSymbol:String](#)
[close\(\):void](#)
[DateField\(\)](#)

[dateToString\(\):String](#)
[open\(\):void](#)
[stringToDate\(\):Date](#)

DateFieldAutomationImpl ■

P: mx.automation.delegates.
controls
→ [ComboBaseAutomationImpl](#)
[DateFieldAutomationImpl\(\):void](#)
[init\(\):void](#)

DateFormatter ■

P: mx.flash
→ [Formatter](#)
[formatString:String](#)
[DateFormatter\(\)](#)
[format\(\):String](#)
[parseDateString\(\):Date](#)

DateRangeUtilities ■

P: mx.charts.chartClasses
→ [Object](#)

DateTimeAxis ■

P: mx.charts
→ [NumericAxis](#)
[alignLabelsToUnits:Boolean](#)
[dataInterval:Number](#)
[dataUnits:String](#)
[disabledDays:Array](#)
[disabledRanges:Array](#)
[displayLocalTime:Boolean](#)
[interval:Number](#)
[labelUnits:String](#)
[maximum>Date](#)
[minimum>Date](#)
[minorTickInterval:Number](#)
[minorTickUnits:String](#)
[parseFunction:Function](#)
[requiredDescribedFields:uint](#)
[unitSize:Number](#)
[buildMinorTickCache\(\):Array](#)
[DateTimeAxis\(\)](#)
[filterCache\(\):void](#)
[formatDays\(\):String](#)
[formatMilliseconds\(\):String](#)
[formatMinutes\(\):String](#)
[formatMonths\(\):String](#)
[formatSeconds\(\):String](#)
[formatYears\(\):String](#)
[reduceLabels\(\):AxisLabelSet](#)
[transformCache\(\):void](#)

DefaultListEffect ■

P: mx.effects
→ [Parallel](#)
[color:Number](#)
[fadeInDuration:Number](#)
[fadeOutDuration:Number](#)
[growDuration:Number](#)
[removedElementOffset:Number](#)
[shrinkDuration:Number](#)

DefaultTileListEffect ■

P: mx.effects
→ [Parallel](#)
[color:Number](#)
[fadeInDuration:Number](#)
[fadeOutDuration:Number](#)
[moveDuration:Number](#)

DeferredInstanceFromClass ■

P: mx.core
→ [Object](#)
[IDeferredInstance](#)
[DeferredInstanceFromClass\(\)](#)
[getInstance\(\):Object](#)

DeferredInstanceFromFunction ■

P: mx.core
→ [Object](#)
[IDeferredInstance](#)
[DeferredInstanceFromFunction\(\)](#)
[getInstance\(\):Object](#)

DateValidator ■

P: mx.validators
→ [Validator](#)
[allowedFormatChars:String](#)
[dayListener:IValidatorListener](#)
[dayProperty:String](#)
[daySource:Object](#)
[formatError:String](#)
[inputFormat:String](#)
[invalidCharError:String](#)
[monthListener:IValidatorListener](#)
[monthProperty:String](#)
[monthSource:Object](#)
[validateAsString:Object](#)
[wrongDayError:String](#)
[wrongLengthError:String](#)
[wrongMonthError:String](#)
[wrongYearError:String](#)
[yearListener:IValidatorListener](#)
[yearProperty:String](#)
[yearSource:Object](#)
[DateValidator\(\)](#)

[doValidation\(\):Array](#)
[validateDate\(\):Array](#)

DefaultDataDescriptor ■

P: mx.controls.treeClasses
→ [Object](#)
[ITreeDataDescriptor2](#)
[IMenuDataDescriptor](#)
[addChildAt\(\):Boolean](#)
[DefaultDataDescriptor\(\)](#)
[getChildren\(\):ICollectionView](#)
[getData\(\):Object](#)
[getGroupName\(\):String](#)
[getHierarchicalCollectionAdaptor\(\):ICollectionView](#)
[getNodeDepth\(\):int](#)
[getParent\(\):Object](#)
[getType\(\):String](#)
[hasChildren\(\):Boolean](#)
[isBranch\(\):Boolean](#)
[isEnabled\(\):Boolean](#)
[isToggled\(\):Boolean](#)
[removeChildAt\(\):Boolean](#)
[setEnabled\(\):void](#)
[setToggled\(\):void](#)

DefaultListEffect ■

P: mx.effects
→ [Parallel](#)
[color:Number](#)
[fadeInDuration:Number](#)
[fadeOutDuration:Number](#)
[growDuration:Number](#)
[removedElementOffset:Number](#)
[shrinkDuration:Number](#)

DefaultTileListEffect ■

P: mx.effects
→ [Parallel](#)
[color:Number](#)
[fadeInDuration:Number](#)
[fadeOutDuration:Number](#)
[moveDuration:Number](#)

DeferredInstanceFromClass ■

P: mx.core
→ [Object](#)
[IDeferredInstance](#)
[DeferredInstanceFromClass\(\)](#)
[getInstance\(\):Object](#)

DeferredInstanceFromFunction ■

P: mx.core
→ [Object](#)
[IDeferredInstance](#)
[DeferredInstanceFromFunction\(\)](#)
[getInstance\(\):Object](#)

DefinitionError

P: Top Level
→ [Error](#)
[DefinitionError\(\)](#)

DeleteObjectSample

P: flash.sampler
→ [Sample](#)
[id:Number](#)
[size:Number](#)

DescribeTypeCache ■

P: mx.utils
→ [Object](#)
[describeType\(\):DescribeTypeCacheRecord](#)
[registerCacheHandler\(\):void](#)

DescribeTypeCacheRecord ■

P: mx.utils
→ [Proxy](#)

DiamondItemRenderer ■

P: mx.charts.renderers
→ [ProgrammaticSkin](#)
[IDataRenderer](#)
[data:Object](#)
[DiamondItemRenderer\(\)](#)

Dictionary

P: flash.utils
→ [Object](#)

DigitCase

P: flash.text.engine
→ [Object](#)
[delta:Number](#)
[DEFAULT:String](#)
[LINING:String](#)
[OLD_STYLE:String](#)

DigitWidth

P: flash.text.engine
→ [Object](#)
[DEFAULT:String](#)
[PROPORTIONAL:String](#)
[TABULAR:String](#)

DisplacementMapFilter

P: flash.filters
→ [BitmapFilter](#)
[alpha:Number](#)
[color:uint](#)
[componentX:uint](#)
[componentY:uint](#)
[mapBitmap:BitmapData](#)
[mapPoint:Point](#)
[mode:String](#)
[scaleX:Number](#)
[scaleY:Number](#)
[clone\(\):BitmapFilter](#)
[DisplacementMapFilter\(\)](#)

DisplacementMapFilterMode

P: flash.filters
→ [Object](#)
[CLAMP:String](#)
[COLOR:String](#)
[IGNORE:String](#)
[WRAP:String](#)

DisplayObject

P: flash.system
→ [EventDispatcher](#)
[IBitmapDrawable](#)
[accessibilityProperties:AccessibilityProperties](#)
[alpha:Number](#)
[blendMode:String](#)
[blendShader:void](#)
[cacheAsBitmap:Boolean](#)
[filters:Array](#)
[height:Number](#)
[loaderInfo:LoaderInfo](#)
[mask:DisplayObject](#)
[mouseX:Number](#)
[mouseY:Number](#)
[opaqueBackground:Object](#)
[parent:DisplayObjectContainer](#)
[root:DisplayObject](#)
[rotation:Number](#)
[rotationX:Number](#)

[rotationY:Number](#)
[rotationZ:Number](#)
[scale9Grid:Rectangle](#)
[scaleX:Number](#)
[scaleY:Number](#)
[scaleZ:Number](#)
[scrollRect:Rectangle](#)
[stage:Stage](#)
[transform:Transform](#)
[visible:Boolean](#)
[width:Number](#)
[x:Number](#)
[y:Number](#)
[z:Number](#)
[getBounds\(\):Rectangle](#)
[getRect\(\):Rectangle](#)
[globalToLocal\(\):Point](#)
[globalToLocal3D\(\):Vector3D](#)
[hitTestObject\(\):Boolean](#)
[hitTestPoint\(\):Boolean](#)
[localToGlobal\(\):Point](#)
[local3DToGlobal\(\):Point](#)

DisplayObjectContainer

P: flash.display
→ [InteractiveObject](#)
[mouseChildren:Boolean](#)
[numChildren:int](#)
[tabChildren:Boolean](#)
[textSnapshot:TextSnapshot](#)
[addChild\(\):DisplayObject](#)
[addChildAt\(\):DisplayObject](#)
[areInaccessibleObjectsUnderPoint\(\):Boolean](#)
[contains\(\):Boolean](#)
[DisplayObjectContainer\(\)](#)
[getChildAt\(\):DisplayObject](#)
[getChildByName\(\):DisplayObject](#)
[getChildIndex\(\):int](#)
[getObjectsUnderPoint\(\):Array](#)
[removeChild\(\):DisplayObject](#)
[removeChildAt\(\):DisplayObject](#)
[setChildIndex\(\):void](#)
[swapChildren\(\):void](#)
[swapChildrenAt\(\):void](#)

Dissolve ■

P: mx.effects
→ [TweenEffect](#)
[alphaFrom:Number](#)
[alphaTo:Number](#)
[color:uint](#)
[targetArea:RoundedRectangle](#)
[Dissolve\(\)](#)

DissolveInstance ■

P: mx.effects.effectClasses
→ [TweenEffectInstance](#)
[alphaFrom:Number](#)
[alphaTo:Number](#)
[color:uint](#)
[targetArea:RoundedRectangle](#)
[DissolveInstance\(\)](#)

DividedBox ■

P: mx.containers
→ [Box](#)
[dividerClass:Class](#)
[liveDragging:Boolean](#)
[numDividers:int](#)
[resizeToContent:Boolean](#)
[DividedBox\(\)](#)
[getDividerAt\(\):BoxDivider](#)
[moveDivider\(\):void](#)

DividedBoxAutomationImpl ■

P: mx.automation.delegates.
containers
→ [ContainerAutomationImpl](#)
[DividedBoxAutomationImpl\(\)](#)
[init\(\):void](#)
[replayAutomatableEvent\(\):Boolean](#)

DividerEvent ■

P: mx.events
→ [Event](#)
[delta:Number](#)
[DIVIDER_DRAG:String](#)
[DIVIDER_PRESS:String](#)
[DIVIDER_RELEASE:String](#)
[dividerIndex:int](#)
[DividerEvent\(\)](#)

DockIcon ●

P: flash.desktop
→ [InteractiveIcon](#)
[bitmaps:Array](#)
[height:int](#)
[menu:NativeMenu](#)
[width:int](#)
[bounce\(\)](#)

DownloadProgressBar ■

P: mx.preloaders
→ [Sprite](#)
[IPreloaderDisplay](#)
[backgroundAlpha:Number](#)
[backgroundColor:uint](#)
[backgroundImage:Object](#)
[backgroundSize:String](#)
[barFrameRect:RoundedRectangle](#)
[barRect:RoundedRectangle](#)
[borderRect:RoundedRectangle](#)
[DOWNLOAD_PERCENTAGE:uint](#)
[downloadingLabel:String](#)
[initializingLabel:String](#)
[label:String](#)
[labelFormat:TextFormat](#)
[labelRect:Rectangle](#)
[labelFormat:TextFormat](#)
[labelRect:Rectangle](#)
[MINIMUM_DISPLAY_TIME:uint](#)
[percentFormat:TextFormat](#)
[percentRect:Rectangle](#)
[preloader:Sprite](#)
[showLabel:Boolean](#)
[showPercentage:Boolean](#)
[stageHeight:Number](#)
[stageWidth:Number](#)
[visible:Boolean](#)
[center\(\):void](#)
[completeHandler\(\):void](#)
[createChildren\(\):void](#)
[DownloadProgressBar\(\)](#)
[getPercentLoaded\(\):Number](#)
[initialize\(\):void](#)
[initProgressHandler\(\):void](#)
[progressHandler\(\):void](#)
[rsiCompleteHandler\(\):void](#)
[rsiErrorHandler\(\):void](#)
[rsiProgressHandler\(\):void](#)
[setProgress\(\):void](#)
[showDisplayForDownloading\(\):Boolean](#)
[showDisplayForInit\(\):Boolean](#)

DragEvent ■

P: mx.events
→ [MouseEvent](#)
[action:String](#)
[DRAG_COMPLETE:String](#)
[DRAG_DROP:String](#)
[DRAG_ENTER:String](#)

[DRAG_EXIT:String](#)
[DRAG_OVER:String](#)
[DRAG_START:String](#)
 draggedItem:Object
 dragInitiator:UIComponent
 dragSource:DragSource
 DragEvent()

DragManager ■

P: mx.managers
 → Object
[COPY:String](#)
[isDragging:Boolean](#)
[LINK:String](#)
[MOVE:String](#)
[NONE:String](#)
 acceptDragDrop():void
 doDrag():void
 getFeedback():String
 showFeedback():void

DragManagerAutomationImpl ■

P: mx.automation.delegates
 → UIComponentAutomationImpl
 DragManagerAutomationImpl()
 init():void

DragSource ■

P: mx.core
 → Object
 formats:Array
 addData():void
 addHandler():void
 dataForFormat():Object
 DragSource()
 hasFormat():Boolean

DRMAuthenticateEvent ●

P: flash.events
 → Event
[AUTHENTICATION_TYPE_DRM:String](#)
[AUTHENTICATION_TYPE_PROXY:String](#)
 authenticationType:String
[DRM_AUTHENTICATE:String](#)
 header:String
 originator:Object
 passwordPrompt:String
 urlPrompt:String
 usernamePrompt:String
 clone():Event
 DRMAuthenticateEvent()
 toString():String

DRMAuthenticationCompleteEvent ●

P: flash.events
 → Event
[AUTHENTICATION_COMPLETE:String](#)
 domain:String
 serverURL:String
 token:flash.utils.ByteArray

DRMAuthenticationErrorEvent ●

P: flash.events
 → ErrorEvent
[AUTHENTICATION_ERROR:String](#)
 domain:String
 serverURL:String
 subErrorID:int

DRMContentData ●

P: flash.net.drm
 → Object
 authenticationMethod:String
 domain:String
 licenseID:String
 serverURL:String

DRMErrorEvent ●

P: flash.events
 → ErrorEvent
 contentData:DRMContentData
[DRM_ERROR:String](#)
 subErrorCode:int
 clone():Event
 DRMErrorEvent()
 toString():String

DRMManager ●

P: flash.net.drm
 → EventDispatcher
 authenticate():void
[getDRMManager\(\):DRMManager](#)
 loadVoucher():void
 resetDRMVouchers():void
 setAuthenticationToken():void

DRMManagerError ●

P: flash.errors
 → Error
 subErrorID:int

DRMPlaybackTimeWindow ●

P: flash.net.drm
 → Object
 endDate:Date
 period:uint
 startDate:Date

DRMStatusEvent ●

P: flash.events
 → Event
 contentData:DRMContentData
 detail:String
[DRM_STATUS:String](#)
 isAnonymous:Boolean
 isAvailableOffline:Boolean
 isLocal:Boolean
 offlineLeasePeriod:uint
 voucher:DRMVoucher
 voucherEndDate:Date
 clone():Event
 DRMStatusEvent()
 preloadEmbeddedData():void
 toString():String

DRMVoucher ●

P: flash.net.drm
 → Object
 offlineLeaseEndDate:Date
 offlineLeaseStartDate:Date
 playbackTimeWindow:DRMPlaybackTimeWindow
 policies:Object
 voucherEndDate:Date
 voucherStartDate:Date

DropdownEvent ■

P: mx.events
 → Event
[CLOSE:String](#)
[OPEN:String](#)
 triggerEvent:Event
 DropdownEvent()

DropShadowFilter

P: flash.filters
 → BitmapFilter
 alpha:Number
 angle:Number
 blurX:Number
 blurY:Number
 color:uint
 distance:Number
 hideObject:Boolean
 inner:Boolean
 knockout:Boolean
 quality:int
 strength:Number
 clone():BitmapFilter
 DropShadowFilter()

DualStyleObject ■

P: mx.charts.chartClasses
 → UIComponent
 internalStyleName:Object
 DualStyleObject()

DynamicEvent ■

P: mx.events
 → Event

EastAsianJustifier

P: flash.text.engine
 → TextJustifier
 justificationStyle:String
 clone():TextJustifier
 EastAsianJustifier()

EdgeMetrics ■

P: mx.core
 → Object
 bottom:Number
[EMPTY:EdgeMetrics](#)
 left:Number
 right:Number
 top:Number
 clone():EdgeMetrics
 EdgeMetrics()

Effect ■

P: mx.effects
 → EventDispatcher
IEffect
 className:String
 customFilter:EffectTargetFilter
 duration:Number
 effectTargetHost:IEffectTargetHost
 endValuesCaptured:Boolean
 filter:String
 hideFocusRing:Boolean
 instanceClass:Class
 isPlaying:Boolean
 perElementOffset:Number
 relevantProperties:Array
 repeatCount:int
 repeatDelay:int
 suspendBackgroundProcessing:Boolean
 target:Object
 targets:Array
 triggerEvent:Event

EffectTargetFilter ■

P: mx.effects
 → Object
 filterFunction:Function
 filterProperties:Array
 filterStyles:Array
 requiredSemantics:Object
 defaultFilterFunction():Boolean
 EffectTargetFilter()
 filterInstance():Boolean

EffectManager ■

P: mx.effects
 → EventDispatcher
[endEffectsForTarget\(\):void](#)
[resumeEventHandling\(\):void](#)
[suspendEventHandling\(\):void](#)

Elastic ■

P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

Effect()
 effectEndHandler():void
 effectStartHandler():void
 end():void
 filterInstance():Boolean
 getAffectedProperties():Array
 getValueFromTarget():*
 initInstance():void
 pause():void
 play():Array
 resume():void
 reverse():void
 stop():void

EffectEvent ■

P: mx.events
 → Event
[EFFECT_END:String](#)
[EFFECT_START:String](#)
 effectInstance:IEffectInstance
 EffectEvent():void

EffectInstance ■

P: mx.effects
 → EventDispatcher
IEffectInstance
 className:String
 duration:Number
 effect:IEffect
 effectTargetHost:IEffectTargetHost
 hideFocusRing:Boolean
 playheadTime:Number
 propertyChanges:PropertyChanges
 repeatCount:int
 repeatDelay:int
 startDelay:int
 suspendBackgroundProcessing:Boolean
 target:Object
 triggerEvent:Event
 EffectInstance()
 end():void
 finishEffect():void
 finishRepeat():void
 initEffect():void
 pause():void
 resume():void
 reverse():void
 startEffect():void
 stop():void

EmailValidator ■

P: mx.validators
 → Validator
 invalidCharError:String
 invalidDomainError:String
 invalidIPDomainError:String
 invalidPeriodInDomainError:String
 missingAtSignError:String
 missingPeriodInDomainError:String
 missingUsernameError:String
 tooManyAtSignsError:String
 doValidation():Array
 EmailValidator()
[validateEmail\(\):Array](#)

EncryptedLocalStore ●

P: flash.data
 → Object
[getItem\(\):ByteArray](#)
[removeItem\(\):void](#)
[reset\(\):void](#)
[setItem\(\):void](#)

Endian

P: flash.utils
 → Object
[BIG_ENDIAN:String](#)
[LITTLE_ENDIAN:String](#)

EOFError

P: flash.errors
 → Error
 EOFError()

Error

P: Top Level
 → Object
 length:int = 1
 message:String
 name:String
 Error()
 getStackTrace():String
 toString():String

ErrorEvent

P: flash.events
 → TextEvent
[ERROR:String](#)

ElementFormat

P: flash.text.engine
 → Object
 alignmentBaseline:String
 alpha:Number
 baselineShift:Number
 breakOpportunity:String
 color:uint
 digitCase:String
 digitWidth:String
 dominantBaseline:String
 fontDescription:FontDescription
 fontSize:Number
 kerning:String
 ligatureLevel:String
 locale:String
 locked:Boolean
 textRotation:String
 trackingLeft:Number
 trackingRight:Number
 typographicCase:String
 clone():ElementFormat
 ElementFormat()
 getFontMetrics():FontMetrics

EmailValidator ■

P: mx.validators
 → Validator
 invalidCharError:String
 invalidDomainError:String
 invalidIPDomainError:String
 invalidPeriodInDomainError:String
 missingAtSignError:String
 missingPeriodInDomainError:String
 missingUsernameError:String
 tooManyAtSignsError:String
 doValidation():Array
 EmailValidator()
[validateEmail\(\):Array](#)

EncryptedLocalStore ●

P: flash.data
 → Object
[getItem\(\):ByteArray](#)
[removeItem\(\):void](#)
[reset\(\):void](#)
[setItem\(\):void](#)

Endian

P: flash.utils
 → Object
[BIG_ENDIAN:String](#)
[LITTLE_ENDIAN:String](#)

EOFError

P: flash.errors
 → Error
 EOFError()

Error

P: Top Level
 → Object
 length:int = 1
 message:String
 name:String
 Error()
 getStackTrace():String
 toString():String

ErrorEvent

P: flash.events
 → TextEvent
[ERROR:String](#)

errorID:int
 clone():Event
 ErrorEvent()
 toString():String

ErrorMessage ■

P: mx.messaging.messages
 → AsyncMessage
 extendedData:Object
 faultCode:String
 faultDetail:String
 faultString:String
[MESSAGE_DELIVERY_IN_DOUBT:String](#)
[RETRYABLE_HINT_HEADER:String](#)
 rootCause:Object
 ErrorMessage()

EvalError

P: Top Level
 → Error
 EvalError()

Event

P: flash.events
 → Object
[ACTIVATE:String](#)
[ADDED:String](#)
[ADDED_TO_STAGE:String](#)
 bubbles:Boolean
[CANCEL:String](#)
 cancelable:Boolean
[CHANGE:String](#)
[CLEAR:String](#)
[CLOSE:String](#)
[CLOSING:String](#)
[COMPLETE:String](#)
[CONNECT:String](#)
[COPY:String](#)
 currentTarget:Object
[CUT:String](#)
[DEACTIVATE:String](#)
[DISPLAYING:String](#)
[ENTER_FRAME:String](#)
 eventPhase:uint
[EXITING:String](#)
[FULLSCREEN:String](#)
[HTML_BOUNDS_CHANGE:String](#)
[HTML_DOM_INITIALIZE:String](#)
[HTML_RENDER:String](#)
[ID3:String](#)
[INIT:String](#)
[LOCATION_CHANGE:String](#)
[MOUSE_LEAVE:String](#)
[NETWORK_CHANGE:String](#)
[OPEN:String](#)
[PASTE:String](#)
[REMOVED:String](#)
[REMOVED_FROM_STAGE:String](#)
[RENDER:String](#)
[RESIZE:String](#)
[SCROLL:String](#)
[SELECT:String](#)
[SELECT_ALL:String](#)
[SOUND_COMPLETE:String](#)
[TAB_CHILDREN_CHANGE:String](#)
[TAB_ENABLED_CHANGE:String](#)
[TAB_INDEX_CHANGE:String](#)
 target:Object
 type:String
[UNLOAD:String](#)
[USER_IDLE:String](#)
[USER_PRESENT:String](#)

clone():Event
 Event()
 formatToString():String
 isDefaultPrevented():Boolean
 preventDefault():void
 stopImmediatePropagation():void
 stopPropagation():void
 toString():String

EventDispatcher

P: flash.events
 → Object
IEventDispatcher
 addEventListener():void
 dispatchEvent():Boolean
 EventDispatcher():void
 hasEventListener():Boolean
 removeEventListener():void
 willTrigger():Boolean

EventPhase

P: flash.events
 → Object
[AT_TARGET:uint](#)
[BUBBLING_PHASE:uint](#)
[CAPTURING_PHASE:uint](#)

EventPriority ■

P: mx.core
 → Object
[BINDING:int](#)
[CURSOR_MANAGEMENT:int](#)
[DEFAULT:int](#)
[DEFAULT_HANDLER:int](#)
[EFFECT:int](#)
Exponential ■
 P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

ExternalInterface

P: flash.external
 → Object
[available:Boolean](#)
[marshallExceptions:Boolean](#)
[objectID:String](#)
[addCallback\(\):void](#)
[call\(\):*](#)

Fade ■

P: mx.effects
 → TweenEffect
 alphaFrom:Number
 alphaTo:Number
 Fade()

FadeInstance ■

P: mx.effects.effectClasses
 → TweenEffectInstance
 alphaFrom:Number
 alphaTo:Number
 FadeInstance()

Fault ■

P: mx.rpc
 → Error
 _faultCode:String
 _faultDetail:String
 _faultString:String
 faultCode:String
 faultDetail:String
 faultString:String

rootCause:Object
 Fault()
 toString():String

FaultEvent ■

P: mx.rpc.events
 → AbstractEvent
[FAULT:String](#)
 fault:Fault
 headers:Object
[createEvent\(\):FaultEvent](#)
[createEventFromMessageFault\(\):FaultEvent](#)
 FaultEvent():void
 toString():String

File ●

P: flash.filesystem
 → FileReference
[applicationDirectory:File](#)
[applicationStorageDirectory:File](#)
[desktopDirectory:File](#)
[documentsDirectory:File](#)
 exists:Boolean
 icon:Icon
 isDirectory:Boolean
 isHidden:Boolean
 isPackage:Boolean
 isSymbolicLink:Boolean
[lineEnding:String](#)
[nativePath:String](#)
 parent:File
[separator:String](#)
[systemCharset:String](#)
 url:String
[userDirectory:File](#)
 browseForDirectory():void
 browseForOpen():void
 browseForOpenMultiple():void
 browseForSave():void
 cancel():void
 canonicalize():void
 clone():File
 copyTo():void
 copyToAsync():void
 createDirectory():void
[createTempDirectory\(\):File](#)
[createTempFile\(\):File](#)
 deleteDirectory():void
 deleteDirectoryAsync():void
 deleteFile():void
 deleteFileAsync():void
 File()
 getDirectoryListing():Array
 getDirectoryListingAsync():void
 getRelativePath():String
[getRootDirectories\(\):Array](#)
 moveTo():void
 moveToAsync():void
 moveToTrash():void
 moveToTrashAsync():void
 resolvePath():File

FileEvent ■●

P: mx.events
 → Event
[DIRECTORY_CHANGE:String](#)
[DIRECTORY_CHANGING:String](#)
[DIRECTORY_CLOSING:String](#)
[DIRECTORY_OPENING:String](#)
 file:File
[FILE_CHOOSE:String](#)
 FileEvent()

FileFilter

P: flash.net
 → Object
 description:String
 extension:String
 macType:String
 FileFilter():void

FileListEvent

P: flash.events
 → Event
 DIRECTORY_LISTING:String
 files:Array
 SELECT_MULTIPLE:String
 FileListEvent()

FileMode

P: flash.filesystem
 → Object
 APPEND:String
 READ:String
 UPDATE:String
 WRITE:String

FileReference

P: flash.net
 → EventDispatcher
 creationDate:Date
 creator:String
 extension:String
 modificationDate:Date
 name:String
 size:Number
 type:String
 browse():Boolean
 cancel():void
 download():void
 FileReference()
 upload():void
 uploadUnencoded():void

FileReferenceList

P: flash.net
 → EventDispatcher
 fileList:Array
 browse():Boolean
 FileReferenceList()

FileStream

P: flash.filesystem
 → EventDispatcher
 IDataInput
 IDataOutput
 bytesAvailable:uint
 endian:String
 objectEncoding:uint
 position:Number
 readAhead:Number
 close():void
 FileStream()
 open():void
 openAsync():void
 readBoolean():Boolean
 readByte():int
 readBytes():void
 readDouble():Number
 readFloat():Number
 readInt():int
 readMultiByte():String
 readObject():*
 readShort():int
 readUnsignedByte():uint
 readUnsignedInt():uint
 readUnsignedShort():uint

readUTF():String
 readUTFBytes():String
 truncate():void
 writeBoolean():void
 writeByte():void
 writeBytes():void
 writeDouble():void
 writeFloat():void
 writeInt():void
 writeMultiByte():void
 writeObject():void
 writeShort():void
 writeUnsignedInt():void
 writeUTF():void
 writeUTFBytes():void

FileSystemComboBox

P: mx.controls
 → ComboBox
 COMPUTER:File
 directory:File
 indent:int
 showIcons:Boolean
 FileSystemComboBox()

FileSystemDataGrid

P: mx.controls
 → DataGrid
 backHistory:Array
 canNavigateBack:Boolean
 canNavigateDown:Boolean
 canNavigateForward:Boolean
 canNavigateUp:Boolean
 COMPUTER:File
 creationDateColumn:DataGridColumn
 dateFormat:String
 directory:File
 enumerationMode:String
 extensions:Array
 filterFunction:Function
 forwardHistory:Array
 modificationDateColumn:DataGridColumn
 nameColumn:DataGridColumn
 nameCompareFunction:Function
 selectedPath:String
 selectedPaths:Array
 showExtensions:Boolean
 showHidden:Boolean
 showIcons:Boolean
 sizeColumn:DataGridColumn
 sizeDisplayMode:String
 typeColumn:DataGridColumn
 clear():void
 FileSystemDataGrid()
 findIndex():int
 findItem():File
 navigateBack():void
 navigateDown():void
 navigateForward():void
 navigateTo():void
 navigateUp():void
 refresh():void

FileSystemEnumerationMode

P: mx.controls
 → Object
 DIRECTORIES_FIRST:String
 DIRECTORIES_ONLY:String
 FILES_AND_DIRECTORIES:String
 FILES_FIRST:String
 FILES_ONLY:String

FileSystemHistoryButton

P: mx.controls
 → PopUpButton
 dataProvider:Object
 FileSystemHistoryButton()

FileSystemList

P: mx.controls
 → List
 backHistory:Array
 canNavigateBack:Boolean
 canNavigateDown:Boolean
 canNavigateForward:Boolean
 canNavigateUp:Boolean
 COMPUTER:File
 directory:File
 enumerationMode:String
 extensions:Array
 filterFunction:Function
 forwardHistory:Array
 nameCompareFunction:Function
 selectedPath:String
 selectedPaths:Array
 showExtensions:Boolean
 showHidden:Boolean
 showIcons:Boolean
 clear():void
 FileSystemList()
 findIndex():int
 findItem():File
 navigateBack():void
 navigateDown():void
 navigateForward():void
 navigateTo():void
 navigateUp():void
 refresh():void

FileSystemSizeDisplayMode

P: mx.controls
 → Object
 BYTES:String
 KILOBYTES:String

FileSystemTree

P: mx.controls
 → Tree
 COMPUTER:File
 directory:File
 enumerationMode:String
 extensions:Array
 filterFunction:Function
 nameCompareFunction:Function
 openPaths:Array
 selectedPath:String
 selectedPaths:Array
 showExtensions:Boolean
 showHidden:Boolean
 showIcons:Boolean
 clear():void
 closeSubdirectory():void
 navigateTo():void
 findIndex():int
 findItem():File
 openSubdirectory():void
 refresh():void

FlexBitmap

P: mx.core
 → Bitmap
 FlexBitmap()
 toString():String

FlexMouseEvent

P: mx.events
 → MouseEvent
 MOUSE_DOWN_OUTSIDE:String
 MOUSE_WHEEL_OUTSIDE:String
 FlexMouseEvent()

FlexClient

→ EventDispatcher
 P: mx.messaging
 id:String
 getInstance():FlexClient

FlexContentHolder

P: mx.flash
 → ContainerMovieClip
 content:IUIComponent
 FlexContentHolder()
 initialize():void
 notifySizeChanged():void
 setActualSize():void
 setFlexContent():void

FlexContentHolderAutomationImpl

P: mx.automation.delegates.
 flashflexkit
 → UIMovieClipAutomationImpl
 FlexContentHolderAutomationImpl()
 init():void

FlexEvent

P: mx.events
 → Event
 ADD:String
 APPLICATION_COMPLETE:String
 BUTTON_DOWN:String
 CREATION_COMPLETE:String
 CURSOR_UPDATE:String
 DATA_CHANGE:String
 ENTER:String
 ENTER_STATE:String
 EXIT_STATE:String
 HIDE:String
 IDLE:String
 INIT_COMPLETE:String
 INIT_PROGRESS:String
 INITIALIZE:String
 INVALID:String
 LOADING:String
 PREINITIALIZE:String
 REMOVE:String
 REPEAT:String
 REPEAT_END:String
 REPEAT_START:String
 SHOW:String
 TRANSFORM_CHANGE:String
 UPDATE_COMPLETE:String
 URL_CHANGED:String
 VALID:String
 VALUE_COMMIT:String
 FlexEvent()

FlexHTMLLoader

P: mx.core
 → HTMLLoader
 IFocusManagerComplexComponent
 focusEnabled:Boolean
 mouseFocusEnabled:Boolean
 assignFocus():void
 drawFocus():void
 FlexHTMLLoader()
 setFocus():void
 toString():String

FlexPrintJob

P: mx.printing
 → Object
 pageHeight:Number
 pageWidth:Number
 printAsBitmap:Boolean
 addObject():void
 FlexPrintJob()
 send():void
 start():Boolean

FlexMovieClip

P: mx.core
 → MovieClip
 FlexMovieClip()
 toString():String

FlexNativeMenu

P: mx.controls
 → EventDispatcher
 ILayoutManagerClient
 IFlexContextMenu
 dataDescriptor:IMenuDataDescriptor
 dataProvider:Object
 hasRoot:Boolean
 initialized:Boolean
 keyEquivalentField:String
 keyEquivalentFunction:Function
 keyEquivalentModifiersFunction:Function
 labelField:String
 labelFunction:Function
 mnemonicIndexField:String
 mnemonicIndexFunction:Function
 nativeMenu:NativeMenu
 nestLevel:int
 processedDescriptors:Boolean
 showRoot:Boolean
 updateCompletePendingFlag:Boolean
 commitProperties():void
 display():void
 FlexNativeMenu()
 invalidateProperties():void
 itemToKeyEquivalent():String
 itemToKeyEquivalentModifiers():Array
 itemToLabel():String
 itemToMnemonicIndex():int
 parseLabelToMnemonicIndex():int
 parseLabelToString():String
 setContextMenu():void
 unsetContextMenu():void
 validateDisplayList():void
 validateNow():void
 validateProperties():void
 validateSize():void

FlexNativeMenuEvent

P: mx.events
 → Event
 index:int
 item:Object
 ITEM_CLICK:String
 label:String
 MENU_SHOW:String
 nativeMenu:NativeMenu
 nativeMenuItem:NativeMenuItem
 FlexNativeMenuEvent()

FlexNativeWindowBoundsEvent

P: mx.events
 → NativeWindowBoundsEvent
 WINDOW_MOVE:String
 WINDOW_RESIZE:String
 FlexNativeWindowBoundsEvent()

FlexPrintJob

P: mx.printing
 → Object
 pageHeight:Number
 pageWidth:Number
 printAsBitmap:Boolean
 addObject():void
 FlexPrintJob()
 send():void
 start():Boolean

FlexPrintJobScaleType

P: mx.printing
 → Object
 FILL_PAGE:String
 MATCH_HEIGHT:String
 MATCH_WIDTH:String
 NONE:String
 SHOW_ALL:String

FlexShape

P: mx.core
 → Shape
 FlexShape()
 toString():String

FlexSimpleButton

P: mx.core
 → SimpleButton
 FlexSimpleButton()
 toString():String

FlexSprite

P: mx.core
 → Sprite
 FlexSprite()
 toString():String

FlexTextField

P: mx.core
 → TextField
 FlexTextField()
 toString():String

FlexVersion

P: mx.core
 → Object
 compatibilityErrorFunction:Function
 compatibilityVersion:uint
 compatibilityVersionString:String
 CURRENT_VERSION:uint
 VERSION_2_0:uint
 VERSION_2_0_1:uint
 VERSION_3_0:uint
 VERSION_ALREADY_READ:String
 VERSION_ALREADY_SET:String

FocusDirection

P: flash.display
 → Object
 DEVICE:String
 EMBEDDED_FF:String
 BOTTOM:String
 NONE:String
 TOP:String

FocusEvent

P: flash.events
 → Event
 direction:String
 FOCUS_IN:String
 FOCUS_OUT:String
 KEY_FOCUS_CHANGE:String
 keyCode:uint
 MOUSE_FOCUS_CHANGE:String
 relatedObject:InteractiveObject
 shiftKey:Boolean
 clone():Event
 FocusEvent()
 toString():String

FocusManager

P: mx.managers
 → Object
 IFocusManager
 defaultButton:IButton
 defaultButtonEnabled:Boolean
 focusPane:Sprite

nextTabIndex:int
 showFocusIndicator:Boolean
 activate():void
 deactivate():void
 findFocusManagerComponent():IFocusManagerComponent
 focusManagerComponent:IFocusManagerComponent
 getNextFocusManagerComponent():IFocusManagerComponent
 hideFocus():void
 setFocus():void
 showFocus():void
 toString():String

Font

P: flash.text
 → Object
 fontName:String
 fontStyle:String
 fontType:String
 enumerateFonts():Array
 hasGlyphs:Boolean
 registerFont():void

FontAsset

P: mx.core
 → Font
 IFontAsset

FontDescription

P: flash.text.engine
 → Object
 cffHinting:String
 fontLookup:String
 fontName:String
 fontPosture:String
 fontWeight:String
 locked:Boolean
 renderingMode:String
 FontDescription()
 clone():FontDescription
 isFontCompatible():Boolean

FontLookup

P: flash.text.engine
 → Object
 DEVICE:String
 EMBEDDED_FF:String

FontMetrics

P: flash.text.engine
 → Object
 emBox:Rectangle
 strikethroughOffset:Number
 strikethroughThickness:Number
 underlineOffset:Number
 underlineThickness:Number
 subscriptOffset:Number
 subscriptScale:Number
 superscriptOffset:Number
 superscriptScale:Number
 FontMetrics()

FontPosture

P: flash.text.engine
 → Object
 ITALIC:String
 NORMAL:String

FontStyle

P: flash.text
 → Object
 BOLD:String
 BOLD_ITALIC:String

ITALIC:String
 REGULAR:String

FontType

P: flash.text
 → Object
 DEVICE:String
 EMBEDDED:String
 EMBEDDED_CFF:String

FontWeight

P: flash.text.engine
 → Object
 BOLD:String
 NORMAL:String

Form

P: mx.containers
 → Container
 maxLabelWidth:Number
 Form()
 measure():void
 updateDisplayList():void

Formatter

P: mx.flash
 → Object
 defaultInvalidFormatError:String
 defaultInvalidValueError:String
 error:String
 resourceManager:IResourceManager
 format():String
 Formatter()
 resourcesChanged():void

FormAutomationImpl

P: mx.automation.delegates.
 containers
 → ContainerAutomationImpl
 FormAutomationImpl()
 init():void

FormHeading

P: mx.containers
 → UIComponent
 label:String
 FormHeading()

FormItem

P: mx.containers
 → Container
 direction:String
 itemLabel:Label
 label:String
 required:Boolean
 FormItem()
 measure():void
 updateDisplayList():void

FormItemAutomationImpl

P: mx.automation.delegates.
 containers
 → ContainerAutomationImpl
 FormItemAutomationImpl()
 init():void

FormItemDirection

P: mx.containers
 → Object
 HORIZONTAL:String
 VERTICAL:String

FormItemLabel

P: mx.controls
 → Label

FrameLabel

P: flash.display
 → Object
 frame:int
 name:String

FullScreenEvent

P: flash.events
 → ActivityEvent
[FULL_SCREEN:String](#)
 fullScreen:Boolean
 clone():Event
 FullScreenEvent()
 toString():String

Function

P: Top Level
 → Object
 apply():*
 call():*

Glow ■

P: mx.effects
 → TweenEffect
 alphaFrom:Number
 alphaTo:Number
 blurXFrom:Number
 blurXTo:Number
 blurYFrom:Number
 blurYTo:Number
 color:uint
 inner:Boolean
 knockout:Boolean
 strength:Number
 Glow()

GlowFilter

P: flash.filters
 → BitmapFilter
 alpha:Number
 blurX:Number
 blurY:Number
 color:uint
 inner:Boolean
 knockout:Boolean
 quality:int
 strength:Number
 clone():BitmapFilter
 GlowFilter()

GlowInstance ■

P: mx.effects.effectClasses
 → TweenEffectInstance
 alphaFrom:Number
 alphaTo:Number
 blurXFrom:Number
 blurXTo:Number
 blurYFrom:Number
 blurYTo:Number
 color:uint
 inner:Boolean
 knockout:Boolean
 strength:Number
 GlowInstance()

GradientBase ■

P: mx.graphics
 → EventDispatcher
 entries:Array
 GradientBase()

GradientBevelFilter

P: flash.filters
 → BitmapFilter
 alphas:Array

angle:Number
 blurX:Number
 blurY:Number
 colors:Array
 distance:Number
 knockout:Boolean
 quality:int
 ratios:Array
 strength:Number
 type:String
 clone():BitmapFilter
 GradientBevelFilter()

GraphicsBitmapFill

P: flash.display
 → Object
 IGraphicsData
 IGraphicsFill
 bitmapData:BitmapData
 matrix:Matrix
 repeat:Boolean
 smooth:Boolean
 GraphicsBitmapFill()

GradientEntry ■

P: mx.graphics
 → EventDispatcher
 alpha:Number
 color:uint
 ratio:Number
 GradientEntry()

GradientGlowFilter

P: flash.filters
 → BitmapFilter
 alphas:Array
 angle:Number
 blurX:Number
 blurY:Number
 colors:Array
 distance:Number
 knockout:Boolean
 quality:int
 ratios:Array
 strength:Number
 clone():BitmapFilter
 GradientGlowFilter()

GradientType

P: flash.display
 → Object
[LINEAR:String = "linear"](#)
[RADIAL:String = "radial"](#)

GraphicElement

P: flash.text.engine
 → ContentElement
 elementHeight:Number
 elementWidth:Number
 graphic:DisplayObject
 GraphicElement()

Graphics

P: flash.display
 → Object
 beginBitmapFill():void
 beginFill():void
 beginGradientFill():void
 clear():void
 curveTo():void
 drawCircle():void
 drawEllipse():void
 drawRect():void
 drawRoundRect():void

endFill():void
 lineGradientStyle():void
 lineStyle():void
 lineTo():void
 moveTo():void

GraphicsEndFill

P: flash.display
 → Object
 IGraphicsData
 IGraphicsFill
 GraphicsEndFill()

GraphicsGradientFill

P: flash.display
 → Object
 IGraphicsData
 IGraphicsFill
 alphas:Array
 colors:Array
 focalPointRatio:Number
 interpolationMethod:String
 matrix:Matrix
 ratios:Array
 spreadMethod:String
 type:String

GraphicsPath

P: flash.display
 → Object
 IGraphicsData
 IGraphicsPath
 commands:Vector.<int>
 data:Vector.<Number>
 winding:String
 curveTo():void
 lineTo():void
 moveTo():void
 wideLineTo():void
 wideMoveTo():void

GraphicsPathCommand

P: flash.display
 → Object
[CURVE_TO:int](#)
[LINE_TO:int](#)
[MOVE_TO:int](#)
[NO_OP:int](#)
[WIDE_LINE_TO:int](#)
[WIDE_MOVE_TO:int](#)

GraphicsShaderFill

P: flash.display
 → Object
 IGraphicsData
 IGraphicsFill
 matrix:Matrix
 shader:Shader

GraphicsSolidFill

P: flash.display
 → Object
 IGraphicsData
 IGraphicsFill
 alpha:Number
 color:uint

GraphicsStroke

P: flash.display
 → Object
 IGraphicsData
 IGraphicsStroke
 caps:String
 fill:IGraphicsFill
 joints:String
 miterLimit:Number
 pixelHinting:Boolean
 scaleMode:String
 thickness:Number

GraphicsTrianglePath

P: flash.display
 → Object
 IGraphicsData
 IGraphicsPath
 culling:String
 indices:Vector.<int>
 uvfData:Vector.<Number>
 vertices:Vector.<Number>

GraphicsUtil ■

P: mx.utils
 → Object
[drawRoundRectComplex\(\):void](#)

Grid ■

P: mx.containers
 → Box
 Grid()
 measure():void
 updateDisplayList():void

GridFitType

P: flash.text
 → Object
[NONE:String](#)
[PIXEL:String](#)
[SUBPIXEL:String](#)

GridItem ■

P: mx.containers
 → HBox
 colSpan:int
 rowSpan:int
 GridItem()

GridLines ■

→ ChartElement
 P: mx.charts

GridRow ■

P: mx.containers
 → HBox
 GridRow()
 updateDisplayList():void

GroupElement

P: flash.text.engine
 → ContentElement
 elementCount:int
 getElementAt():ContentElement
 getElementAtCharIndex():ContentElement
 getElementIndex():int
 groupElements():GroupElement
 mergeTextElements():TextElement
 replaceElements():Vector.<ContentElement>
 setElements():void
 splitTextElement():TextElement
 ungroupElements():void

Grouping ■

P: mx.collections
 → Object
 compareFunction:Function
 fields:Array
 groupingObjectFunction:Function
 label:String
 Grouping()

GroupingCollection ■

P: mx.collections
 → HierarchicalData
 IGroupingCollection
 grouping:Grouping
 source:Object
 summaries:Array
 timer:Timer
 cancelRefresh():void
 getParent():*
 getRoot():Object
 GroupingCollection()
 refresh():Boolean

GroupingField ■

P: mx.utils
 → Object
 caseInsensitive:Boolean
 compareFunction:Function
 descending:Boolean
 groupingFunction:Function
 groupingObjectFunction:Function
 name:String
 numeric:Boolean
 summaries:Array
 GroupingField()

HaloBorder ■

P: mx.skins.halo
 → RectangularBorder

HaloColors ■

P: mx.skins.halo
 → Object
[addHaloColors\(\):void](#)
[getCacheKey\(\):String](#)

HaloDefaults ■

P: mx.charts.styles
 → Object
[createSelector\(\):CSSStyleDeclaration](#)
[init\(\):void](#)

HaloFocusRect ■

P: mx.skins.halo
 → ProgrammaticSkin
 IStyleClient

HBox ■

P: mx.containers
 → Box

HDividedBox ■

P: mx.containers
 → DividedBox

HeaderEvent ■

P: mx.rpc.events
 → AbstractEvent
[HEADER:String](#)
 header:Object
[createEvent\(\):HeaderEvent](#)
 HeaderEvent()
 toString():String

HierarchicalCollectionView ■

P: mx.collections
 → EventDispatcher
 IHierarchicalCollectionView
 hasRoot:Boolean
 length:int
 openNodes:Object
 showRoot:Boolean
 source:IHierarchicalData
 addChild():Boolean
 addChildAt():Boolean
 closeNode():void
 contains():Boolean
 createCursor():IViewCursor
 getNodeDepth():int
 getParentItem():*
 HierarchicalCollectionView()
 openNode():void
 removeChild():Boolean
 removeChildAt():Boolean
 xmlNotification():void

HierarchicalCollectionViewCursor ■

P: mx.collections
 → EventDispatcher
 IHierarchicalCollectionViewCursor
 afterLast:Boolean
 beforeFirst:Boolean
 currentDepth:int
 view:ICollectionView
 HierarchicalCollectionViewCursor()

HierarchicalData ■

P: mx.collections
 → EventDispatcher
 IHierarchicalData
 childrenField:String
 source:Object
 canHaveChildren():Boolean
 getChildren():Object
 getData():Object
 getRoot():Object
 hasChildren():Boolean
 HierarchicalData()

HistoryManager ■

P: mx.managers
 → Object
[initialize\(\):void](#)
[register\(\):void](#)
[save\(\):void](#)
[unregister\(\):void](#)

HitData ■

P: mx.charts
 → Object
 chartItem:ChartItem
 contextColor:uint
 dataTipFunction:Function
 displayText:String
 distance:Number
 element:IChartElement
 id:Number
 item:Object
 x:Number
 y:Number
 HitData():void

HLOCCart ■

P: mx.charts
 → CartesianChart

HLOCCItemRenderer ■

P: mx.charts.renderers
 → ProgrammaticSkin
 IDataRenderer
 data:Object
 HLOCCItemRenderer()

HLOCSeries ■

P: mx.charts.series
 → HLOCSeriesBase

HLOCSeriesBase ■

P: mx.charts.chartClasses
 → Series
 IColumn
 closeField:String
 columnWidthRatio:Number
 highField:String
 horizontalAxis:IAxis
 items:Array
 itemType:Class
 legendData:Array
 lowField:String
 maxColumnWidth:Number
 offset:Number
 openField:String
 renderData:Object
 renderDataType:Class
 verticalAxis:IAxis
 xField:String
 beginInterpolation():Object
 commitProperties():void
 describeData():Array
 formatDataTip():String
 getElementBounds():void
 getItemsInRegion():Array
 getMissingInterpolationValues():void
 HLOCSeriesBase()
 styleChanged():void
 updateData():void
 updateDisplayList():void
 updateFilter():void
 updateMapping():void
 updateTransform():void

HLOCSeriesBaseAutomationImpl ■

P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 HLOCSeriesBaseAutomationImpl()
[init\(\):void](#)

HLOCSeriesItem ■

P: mx.charts.series.items
 → ChartItem
 close:Number
 closeFilter:Number
 closeNumber:Number
 closeValue:Object
 fill:IFill
 high:Number
 highFilter:Number
 highNumber:Number
 highValue:Object
 low:Number
 lowFilter:Number
 lowNumber:Number
 lowValue:Object
 open:Number
 openFilter:Number
 openNumber:Number
 openValue:Object
 x:Number
 xFilter:Number
 xNumber:Number

xValue:Object
 HLOCSeriesItem()

HLOCSeriesRenderData ■

P: mx.charts.series.renderData
 → RenderData
 renderedHalfWidth:Number
 renderedXOffset:Number
 HLOCSeriesRenderData()

HorizontalList ■

P: mx.controls
 → TileBase

HRule ■

P: mx.controls
 → UIComponent

HScrollBar ■

P: mx.controls
 → ScrollBar

HSlider ■

P: mx.controls
 → Slider

HTML ■ ●

P: mx.controls
 → ScrollControlBase
 IDataRenderer
 IDropInListItemRenderer/IListItemRenderer
 IFocusManagerComponent
 contentHeight:Number
 contentWidth:Number
 data:Object
 historyLength:int
 historyPosition:int
 htmlHost:HTMLHost
 htmlLoader:HTMLLoader
 htmlLoaderFactory:IFactory
 htmlText:String
 JavaScriptWindow:Object
 listData:BaseListData
 loaded:Boolean
 location:String
 paintsDefaultBackground:Boolean
[pdfCapability:int](#)
 runtimeApplicationDomain:ApplicationDomain
 userAgent:String
 cancelLoad():void
 getHistoryAt():HTMLHistoryItem
 historyBack():void
 historyForward():void
 historyGo():void
 HTML()
 reload():void

HTMLHistoryItem ●

P: flash.html
 → Object
 isPost:Boolean
 originalUrl:String
 title:String
 url:String
 HTMLHistoryItem():void

HTMLHost ●

P: flash.html
 → Object
[htmlLoader:HTMLLoader](#)
[windowRect:Rectangle](#)
[createWindow\(\):HTMLLoader](#)
 HTMLHost()

updateLocation():void
updateStatus():void
updateTitle():void
windowBlur():void
windowClose():void
windowFocus():void

HTMLLoader

P: flash.html
→ Sprite
authenticate:Boolean
cacheResponse:Boolean
contentHeight:Number
contentWidth:Number
hasFocusableContent:Boolean
height:Number
historyLength:uint
historyPosition:uint
htmlHost:HTMLHost
loaded:Boolean
location:String
manageCookies:Boolean
paintsDefaultBackground:Boolean
pdfCapability:int
placeLoadStringContentInApplicationSandbox:Boolean
runtimeApplicationDomain:ApplicationDomain
scrollH:Number
scrollV:Number
textEncodingFallback:String
textEncodingOverride:String
useCache:Boolean
userAgent:String
width:Number
window:Object
cancelLoad():void
createRootWindow():HTMLLoader
getHistoryAt():HTMLHistoryItem
historyBack():void
historyForward():void
historyGo():void
HTMLLoader() load():void
loadString():void
reload():void

HTMLPDFCapability

P: flash.html
→ Object
[ERROR_CANNOT_LOAD_READER:int](#)
[ERROR_INSTALLED_READER_NOT_FOUND:int](#)
[ERROR_INSTALLED_READER_TOO_OLD:int](#)
[ERROR_PREFERRED_READER_TOO_OLD:int](#)
[STATUS_OK:int](#)

HTMLUncaughtScript Exception Event

P: flash.events
→ Event
exceptionValue:*
stackTrace:Array
[UNCAUGHT_SCRIPT_EXCEPTION:*](#)
clone():Event
HTMLUncaughtScriptExceptionEvent():void

HTMLWindowCreateOptions

P: flash.html
→ Event
fullscreen:Boolean
height:Number

locationBarVisible:Boolean
menuBarVisible:Boolean
resizable:Boolean
scrollBarsVisible:Boolean
statusBarVisible:Boolean
toolBarVisible:Boolean
width:Number
x:Number
y:Number

HTTPChannel

P: mx.messaging.channels
→ PollingChannel
polling:Boolean
pollingEnabled:Boolean
pollingInterval:Number
protocol:String
HTTPChannel()
internalPingComplete():void

HTTPRequestMessage

P: mx.messaging.messages
→ AcknowledgeMessage
[CONTENT_TYPE_FORM:String](#)
[CONTENT_TYPE_SOAP_XML:String](#)
[CONTENT_TYPE_XML:String](#)
contentType:String
[DELETE_METHOD:String](#)
[GET_METHOD:String](#)
[HEAD_METHOD:String](#)
httpHeaders:Object
method:String
[OPTIONS_METHOD:String](#)
[POST_METHOD:String](#)
[PUT_METHOD:String](#)
recordHeaders:Boolean
[TRACE_METHOD:String](#)
url:String
HTTPRequestMessage()

HTTPService

P: mx.rpc.http
→ AbstractInvoker
channelSet:ChannelSet
[CONTENT_TYPE_FORM:String](#)
[CONTENT_TYPE_XML:String](#)
contentType:String
[DEFAULT_DESTINATION_HTTP:String](#)
[DEFAULT_DESTINATION_HTTPS:String](#)
destination:String
[ERROR_DECODING:String](#)
[ERROR_ENCODING:String](#)
[ERROR_URL_REQUIRED:String](#)
headers:Object
method:String
request:Object
requestTimeout:int
[RESULT_FORMAT_ARRAY:String](#)
[RESULT_FORMAT_E4X:String](#)
[RESULT_FORMAT_FLASHVARS:String](#)
[RESULT_FORMAT_OBJECT:String](#)
[RESULT_FORMAT_TEXT:String](#)
[RESULT_FORMAT_XML:String](#)
resultFormat:String
rootURL:String
url:String
useProxy:Boolean
xmlDecode:Function
xmlEncode:Function
disconnect():void
HTTPService()
logout():void
send():AsyncToken
setCredentials():void
setRemoteCredentials():void

HTTPService

P: mx.rpc.http.mx.xml
→ HTTPService
IMXMLSupport
IMXMLObject
concurrency:String
showBusyCursor:Boolean
cancel():AsyncToken
HTTPService()
initialized():void
send():AsyncToken

HTTPStatusEvent

P: flash.events
→ Event
[HTTP_RESPONSE_STATUS:String](#)
[HTTP_STATUS:String](#)
responseHeaders:Array
internalURL:String
status:int
clone():Event
HTTPStatusEvent()
toString():String

IAbstractEffect

P: mx.effects

IAdvancedDataGridRenderer Provider

P: mx.controls.advanced
describeRendererForItem():void

IAutomationClass

P: mx.automation
name:String
propertyNameMap:Object
superClassName:String
getDescriptorForEvent():IAutomationEventDescriptor
getDescriptorForEventByName():IAutomationMethodDescriptor
getPropertyDescriptors():Array
IAutomationEnvironment
P: mx.automation
getAutomationClassByInstance():IAutomationClass
getAutomationClassByName():IAutomationClass

IAutomationEventDescriptor

P: mx.automation
eventClassName:String
eventType:String
name:String
getArgDescriptors():Array
record():Array
replay():Object

IAutomationManager

P: mx.automation
automationEnvironment:Object
recording:Boolean
replaying:Boolean
createID():AutomationID
createIDPart():AutomationIDPart
decrementCacheCounter():int
endRecording():void
getAutomationClassName():String
getAutomationName():String
getChildren():Array

getChildrenFromIDPart():Array
getElementFromPoint():IAutomationObject
getParent():IAutomationObject
getProperties():Array
getRectangle():Array
getTabularData():IAutomationTabularData
incrementCacheCounter():int
isSynchronized():Boolean
isVisible():Boolean
recordAutomatableEvent():void
replayAutomatableEvent():Boolean
resolveID():Array
resolveIDPart():Array
resolveIDPartToSingleObject():IAutomationObject
resolveIDToSingleObject():IAutomationObject
showInHierarchy():Boolean

IAutomationMethodDescriptor

P: mx.automation
name:String
returnType:String
getArgDescriptors():Array
record():Array
replay():Object

IAutomationMouseSimulator

P: mx.automation
getMouseX():Number
getMouseY():Number

IAutomationObject

P: mx.automation
automationDelegate:Object
automationName:String
automationTabularData:Object
automationValue:Array
numAutomationChildren:int
[showInAutomationHierarchy:Boolean](#)
createAutomationIDPart():Object
getAutomationChildAt():IAutomationObject
replayAutomatableEvent():Boolean
resolveAutomationIDPart():Array

IAutomationObjectHelper

P: mx.automation
recording:Boolean
replaying:Boolean
addSynchronization():void
getAutomationComposite():IAutomationObject
helpCreateIDPart():AutomationIDPart
helpResolveIDPart():Array
isAutomationComposite():Boolean
replayClick():Boolean
replayClickOffStage():Boolean
replayKeyboardEvent():Boolean
replayKeyDownKeyUp():Boolean
replayMouseEvent():Boolean

IAutomationPropertyDescriptor

P: mx.automation
asType:String
defaultValue:String
[forDescription:Boolean](#)
[forVerification:Boolean](#)
name:String

IAutomationTabularData

P: mx.automation
columnNames:Array
firstVisibleRow:int
lastVisibleRow:int
numColumns:int
numRows:int
getAutomationValueForData():Array
getValues():Array

IAxis

P: mx.charts.chartClasses
→ IEventDispatcher
baseline:Number
chartDataProvider:Object
displayName:String
title:String
unitSize:Number
dataChanged():void
filterCache():void
formatForScreen():String
getLabelEstimate():AxisLabelSet
getLabels():AxisLabelSet
invertTransform():Object
mapCache():void
preferDropLabels():Boolean
reduceLabels():AxisLabelSet
registerDataTransform():void
transformCache():void
unregisterDataTransform():void
update():void

IAxisRenderer

P: mx.charts.chartClasses
→ IUIComponent
axis:IAxis
gutters:Rectangle
heightLimit:Number
horizontal:Boolean
minorTicks:Array
otherAxes:Array
placement:String
ticks:Array
adjustGutters():Rectangle
chartStateChanged():void

IBar

P: mx.charts.chartClasses
barWidthRatio:Number
maxBarWidth:Number
offset:Number

IBitmapDrawable

P: flash.display

IBorder

P: mx.core
borderMetrics:EdgeMetrics

IBrowserManager

P: mx.managers
→ IEventDispatcher
base:String
fragment:String
title:String
url:String
init():void
initForHistoryManager():void
setFragment():void
setTitle():void

IButton

P: mx.core
→ IUIComponent
emphasized:Boolean
callLater():void

ICartElement

P: mx.charts.chartClasses
→ IFlexDisplayObject
chartDataProvider:Object
dataTransform:DataTransform
labelContainer:Sprite
chartStateChanged():void
claimStyles():uint
collectTransitions():void
describeData():Array
findDataPoints():Array
mappingChanged():void

ICartElement2

P: mx.charts.chartClasses
→ ICartElement
dataToLocal():Point
getAllDataPoints():Array
localToData():Array

ICollectionList

P: mx.core
numChildren:int
addChild():DisplayObject
addChildAt():DisplayObject
contains():Boolean
getChildAt():DisplayObject
getChildByName():DisplayObject
getDescriptor():UIComponentDescriptor
id:String
createReferenceOnParentDocument():void
deleteReferenceOnParentDocument():void
executeBindings():void
registerEffects():void
IDropInListItemRenderer
P: mx.controls.listClasses
implements the listData property
listData:BaseListData

ICollectionView

P: mx.collections
→ IEventDispatcher
filterFunction:Function
length:int
sort:Sort
contains():Boolean
createCursor():IViewCursor
disableAutoUpdate():void
enableAutoUpdate():void
itemUpdated():void
refresh():Boolean

IColumn

P: mx.charts.chartClasses
columnWidthRatio:Number
maxColumnWidth:Number
offset:Number

Icon

P: flash.desktop
→ EventDispatcher
bitmaps:Array

IConstraintClient

P: mx.core
getConstraintValue():*
setConstraintValue():void

IConstraintLayout

P: mx.containers.utilityClasses
constraintColumns:Array
constraintRows:Array

IContainer

P: mx.core
→ IUIComponent
buttonMode:Boolean
creatingContentPane:Boolean
defaultButton:IFlexDisplayObject
doubleClickEnabled:Boolean

dropTarget:DisplayObject
focusManager:IFocusManager
focusRect:Object
graphics:Graphics
hitArea:Sprite
horizontalScrollPosition:Number
mouseChildren:Boolean
mouseEnabled:Boolean
numChildren:int
soundTransform:SoundTransform
tabChildren:Boolean
tabEnabled:Boolean
tabIndex:int
textSnapshot:TextSnapshot
useHandCursor:Boolean
verticalScrollPosition:Number
viewMetrics:EdgeMetrics
addChild():DisplayObject
addChildAt():DisplayObject
areInaccessibleObjectsUnderPoint():Boolean
contains():Boolean
getChildAt():DisplayObject
getChildByName():DisplayObject
getChildIndex():int
getObjectsUnderPoint():Array
removeChild():DisplayObject
removeChildAt():DisplayObject
setChildIndex():void
startDrag():void
stopDrag():void
swapChildren():void
swapChildrenAt():void

ID3Info

P: flash.media
→ Object
album:String
artist:String
comment:String
genre:String
songName:String
track:String
year:String

IDataInput

P: flash.utils
bytesAvailable:uint
endian:String
objectEncoding:uint
readBoolean():Boolean
readByte():int
readBytes():void
readDouble():Number
readFloat():Number
readInt():int
readMultiByte():String
readObject():*
readShort():int
readUnsignedByte():uint
readUnsignedInt():uint
readUnsignedShort():uint
readUTF():String
readUTFBytes():String

IDataOutput

P: flash.utils
endian:String
objectEncoding:uint
writeBoolean():void
writeByte():void
writeBytes():void
writeDouble():void
writeFloat():void
writeInt():void

writeMultiByte():void
writeObject():void
writeShort():void
writeUnsignedInt():void
writeUTF():void
writeUTFBytes():void

IDataRenderer

P: mx.controls.listClasses

IDataRenderer

P: mx.core
data:Object

IDeferredInstance

P: mx.core
getInstance():Object

IDeferredInstantiationUI Component

P: mx.core
→ IUIComponent
cacheHeuristic:Boolean
cachePolicy:String
descriptor:UIComponentDescriptor
id:String
createReferenceOnParentDocument():void
deleteReferenceOnParentDocument():void
executeBindings():void
registerEffects():void
IDropInListItemRenderer
P: mx.controls.listClasses
implements the listData property
listData:BaseListData

IDynamicPropertyOutput

P: flash.net
writeDynamicProperty():void

IDynamicPropertyWriter

P: flash.net
writeDynamicProperties():void

IEffect

P: mx.effects
→ IAbstractEffect
className:String
customFilter:EffectTargetFilter
duration:Number
effectTargetHost:IEffectTargetHost
filter:String
hideFocusRing:Boolean
isPlaying:Boolean
perElementOffset:Number
relevantProperties:Array
relevantStyles:Array
target:Object
targets:Array
triggerEvent:Event
captureEndValues():void
captureMoreStartValues():void
captureStartValues():void
createInstance():IEffectInstance
createInstances():Array
deleteInstance():void
end():void
getAffectedProperties():Array
pause():void
play():Array
resume():void
reverse():void
stop():void

IEffectInstance ■

P: mx.effects
 className:String
 duration:Number
 effect:IEffect
 effectTargetHost:IEffectTargetHost
 hideFocusRing:Boolean
 playheadTime:Number
 propertyChanges:PropertyChanges
 repeatCount:int
 repeatDelay:int
 startDelay:int
 suspendBackgroundProcessing:Boolean
 target:Object
 triggerEvent:Event
 end():void
 finishEffect():void
 finishRepeat():void
 initEffect():void
 pause():void
 play():void
 resume():void
 reverse():void
 startEffect():void
 stop():void

IEffectTargetHost ■

P: mx.effects
 addDataEffectItem():void
 getRendererSemanticValue():Object
 removeDataEffectItem():void
 unconstrainRenderer():void

IEventDispatcher

P: flash.events
 addEventListener():void
 dispatchEvent():Boolean
 hasEventListener():Boolean
 removeEventListener():void
 willTrigger():Boolean

IExternalizable

P: flash.utils
 readExternal():void
 writeExternal():void

IFactory ■

P: mx.core
 newInstance():*

IFill ■

P: mx.graphics
 begin():void
 end():void

IFlexAsset ■

P: mx.core

IFlexContextMenu ■

P: mx.controls
 setContextMenu():void
 unsetContextMenu():void

IFlexDisplayObject ■

P: mx.core
 → IBitmapDrawable
 accessibilityProperties:AccessibilityProperties
 alpha:Number
 blendMode:String
 cacheAsBitmap:Boolean
 filters:Array
 height:Number
 loaderInfo:LoaderInfo
 mask:DisplayObject

measuredHeight:Number
 measuredWidth:Number
 mouseX:Number
 mouseY:Number
 name:String
 opaqueBackground:Object
 parent:DisplayObjectContainer
 root:DisplayObject
 rotation:Number
 scale9Grid:Rectangle
 scaleX:Number
 scaleY:Number
 scrollRect:Rectangle
 stage:Stage
 transform:Transform
 visible:Boolean
 width:Number
 x:Number
 y:Number
 getBounds():Rectangle
 getRect():Rectangle
 globalToLocal():Point
 hitTestObject():Boolean
 hitTestPoint():Boolean
 localToGlobal():Point
 move():void
 setActualSize():void

IFlexModule ■

P: mx.core

IFlexModuleFactory ■

P: mx.core
 create():Object
 info():Object

IFocusManager ■

P: mx.managers
 defaultButton:Button
 defaultButtonEnabled:Boolean
 focusPane:Sprite
 nextTabIndex:int
 showFocusIndicator:Boolean
 activate():void
 deactivate():void
 findFocusManagerComponent():IFocusManagerComponent
 getFocus():IFocusManagerComponent
 getNextFocusManagerComponent():IFocusManagerComponent
 hideFocus():void
 setFocus():void
 showFocus():void

IFocusManagerComplexComponent ■

P: mx.managers
 → IFocusManagerComponent
 hasFocusableContent:Boolean
 assignFocus():void

IFocusManagerComponent ■

P: mx.managers
 focusEnabled:Boolean
 mouseFocusEnabled:Boolean
 tabEnabled:Boolean
 tabIndex:int
 drawFocus():void
 setFocus():void

IFocusManagerContainer ■

P: mx.managers
 → IEventDispatcher
 focusManager:IFocusManager

systemManager:ISystemManager
 contains():Boolean

IFocusManagerGroup ■

P: mx.managers
 groupName:String
 selected:Boolean

IFontContextComponent ■

P: mx.core
 fontContext:IFlexModuleFactory

IGraphicsData

P: flash.display
 → Object

IGraphicsFill

P: flash.display
 → Object

IGraphicsPath

P: flash.display
 → Object

IGraphicsStroke

P: flash.display
 → Object

IGroupingCollection ■

P: mx.collections
 → IHierarchicalData
 grouping:Grouping
 cancelRefresh():void
 refresh():Boolean

IHierarchicalCollectionView ■

Cursor
 P: mx.collections
 → IViewCursor
 currentDepth:int

IHierarchicalCollectionView ■

P: mx.collections
 → ICollectionView
 hasRoot:Boolean
 openNodes:Object
 showRoot:Boolean
 source:IHierarchicalData
 addChild():Boolean
 addChildAt():Boolean
 closeNode():void
 getChildren():ICollectionView
 getNodeDepth():int
 getParentItem():*
 openNode():void
 removeChild():Boolean
 removeChildAt():Boolean

IHierarchicalData ■

P: mx.collections
 → IEventDispatcher
 canHaveChildren():Boolean
 getChildren():Object
 getChildren():ICollectionView
 getRoot():Object
 hasChildren():Boolean

IHistoryManagerClient ■

P: mx.managers
 loadState():void
 saveState():Object
 toString():String

IImageEncoder ■

P: mx.graphics.codec
 contentType:String
 encode():ByteArray
 encodeByteArray():ByteArray

IIMESupport ■

P: mx.core
 imeMode:String

IInvalidating ■

P: mx.core
 invalidateDisplayList():void
 invalidateProperties():void
 invalidateSize():void
 validateNow():void

ILayoutManager ■

P: mx.managers
 → IEventDispatcher
 usePhasedInstantiation:Boolean
 invalidateDisplayList():void
 invalidateProperties():void
 invalidateSize():void
 isInvalid():Boolean
 validateClient():void
 validateNow():void

ILayoutManagerClient ■

P: mx.managers
 → IEventDispatcher
 initialized:Boolean
 nestLevel:int
 processedDescriptors:Boolean
 updateCompletePendingFlag:Boolean
 validateDisplayList():void
 validateProperties():void
 validateSize():void

IllegalOperationError

P: flash.errors
 → Error
 IllegalOperationError()

ICollection ■

P: mx.collections
 → IEventDispatcher
 length:int
 addItem():void
 addItemAt():void
 getItemAt():Object
 getItemIndex():int
 itemUpdated():void
 removeAll():void
 removeItemAt():Object
 setItemAt():Object
 toArray():Array

ICollectionItemRenderer ■

P: mx.controls.listClasses
 → IDataRenderer

ILogger ■

P: mx.logging
 → IEventDispatcher
 category:String
 debug():void
 error():void
 fatal():void
 info():void
 log():void
 warn():void

ILoggingTarget ■

P: mx.logging
 filters:Array
 level:int
 addLogger():void
 removeLogger():void

Image ■

P: mx.controls
 → SWFLoader
 IDataRenderer
 IDropInListItemRenderer
 IListItemRenderer
 data:Object
 listData:BaseListData
 Image():void

ImageSnapshot ■

P: mx.managers
 → Object
 contentType:String
 data:ByteArray
 defaultEncoder:Class
 height:int
 MAX_BITMAP_DIMENSION:int
 properties:Object
 width:int
 captureBitmapData():BitmapData
 captureImage():ImageSnapshot
 encodeImageAsBase64():String
 ImageSnapshot()

IME

P: flash.system
 → EventDispatcher
 conversionMode:String
 enabled:Boolean
 compositionAbandoned():void
 compositionSelectionChanged():void
 doConversion():void
 setCompositionString():void

IMEConversionMode

P: flash.system
 → Object
 ALPHANUMERIC_FULL:String
 ALPHANUMERIC_HALF:String
 CHINESE:String
 JAPANESE_HIRAGANA:String
 JAPANESE_KATAKANA_FULL:String
 JAPANESE_KATAKANA_HALF:String
 KOREAN:String
 UNKNOWN:String

IMEEvent

P: flash.events
 → TextEvent
 IME_COMPOSITION:String
 clone():Event
 IMEEvent()
 toString():String

IMenuBarItemRenderer ■

P: mx.controls.menuClasses
 → IDataRenderer
 menuBar:MenuBar
 menuBarItemIndex:int
 menuBarItemState:String

IMenuDataDescriptor ■

P: mx.controls.menuClasses
 addChildAt():Boolean
 getChildren():ICollectionView
 getData():Object
 getGroupName():String

getType():String
 hasChildren():Boolean
 isBranch():Boolean
 isEnabled():Boolean
 isToggled():Boolean
 removeChildAt():Boolean
 setEnabled():void
 setToggled():void

IMenuItemRenderer ■

P: mx.controls.menuClasses
 measuredBranchIconWidth:Number
 measuredIconWidth:Number
 measuredTypeIconWidth:Number
 menu:Menu

IMessage ■

P: mx.messaging.messages
 body:Object
 clientId:String
 destination:String
 headers:Object
 messageId:String
 timestamp:Number
 timeToLive:Number
 toString():String

IModuleInfo ■

P: mx.modules
 → IEventDispatcher
 data:Object
 error:Boolean
 factory:IFlexModuleFactory
 loaded:Boolean
 ready:Boolean
 setup:Boolean
 url:String
 load():void
 publish():void
 release():void
 unload():void

IMXMLObject ■

P: mx.core
 initialized():void

IMXMLSupport ■

P: mx.rpc.mxml
 concurrency:String
 showBusyCursor:Boolean

IOError

P: flash.errors
 → Error
 IOError()

IndexChangedEvent ■

P: mx.events
 → Event
 CHANGE:String
 CHILD_INDEX_CHANGE:String
 HEADER_SHIFT:String
 newIndex:Number
 oldIndex:Number
 relatedObject:DisplayObject
 triggerEvent:Event
 IndexChangedEvent()

InstanceCache ■

P: mx.charts.chartClasses
 → Object
 count:int
 creationCallback:Function
 discard:Boolean
 factory:IFactory

format:TextFormat
 hide:Boolean
 insertPosition:int
 instances:Array
 properties:Object
 remove:Boolean
 InstanceCache()

int

P: Top Level
 → Object
 MAX_VALUE:int
 MIN_VALUE:int
 int()
 toExponential():String
 toFixed():String
 toPrecision():String
 toString():String
 valueOf():int

InteractiveIcon ●

P: flash.desktop
 → Icon
 bitmaps:Array
 height:int
 width:int

InteractiveObject

P: flash.display
 → DisplayObject
 contextMenu:NativeMenu
 doubleClickEnabled:Boolean
 focusRect:Object
 mouseEnabled:Boolean
 tabEnabled:Boolean
 tabIndex:int
 InteractiveObject():void

InterpolationMethod

P: flash.display
 → Object
 LINEAR_RGB:String
 RGB:String

InvalidCategoryError ■

P: mx.logging.errors
 → Error
 InvalidCategoryError()
 toString():String

InvalidChannelError ■

P: mx.messaging.errors
 → ChannelError

InvalidDestinationError ■

P: mx.messaging.errors
 → ChannelError

InvalidFilterError ■

P: mx.logging.errors
 → Error
 InvalidFilterError()
 toString():String

InvalidSWFError

P: flash.errors
 → Error
 InvalidSWFError()

IOLAPElement ■

P: mx.olap
 dimension:IOLAPDimension
 displayName:String
 name:String
 uniqueName:String

clone():Event
 InvokeEvent()

InvokeEvent ■

P: mx.rpc.events
 → AbstractEvent
 INVOKE:String
 InvokeEvent()
 toString():String

IOError

P: flash.errors
 → Error
 IOError()

IOErrorEvent

P: flash.events
 → ErrorEvent
 IO_ERROR:String
 clone():Event
 IOErrorEvent()
 toString():String

IOLAPAttribute ■

P: mx.olap
 → IOLAPHierarchy

IOLAPAxisPosition ■

P: mx.olap
 members:IList

IOLAPCell ■

P: mx.olap
 formattedValue:String
 value:Number

IOLAPCube ■

P: mx.olap
 dimensions:IList
 name:String
 cancelQuery():void
 cancelRefresh():void
 execute():AsyncToken
 findDimension():IOLAPDimension
 refresh():void

IOLAPCustomAggregator ■

P: mx.olap
 computeBegin():Object
 computeEnd():Number
 computeLoop():void
 computeObjectBegin():Object
 computeObjectEnd():Number
 computeObjectLoop():void

IOLAPDimension ■

P: mx.olap
 → IOLAPElement
 attributes:IList
 cube:IOLAPCube
 defaultMember:IOLAPMember
 hierarchies:IList
 isMeasure:Boolean
 members:IList
 findAttribute():IOLAPAttribute
 findHierarchy():IOLAPHierarchy
 findMember():IOLAPMember

IOLAPElement ■

P: mx.olap
 dimension:IOLAPDimension
 displayName:String
 name:String
 uniqueName:String

IOLAPHierarchy ■

P: mx.olap
 → IOLAPElement
 allMemberName:String
 children:IList
 defaultMember:IOLAPMember
 hasAll:Boolean
 levels:IList
 members:IList
 findLevel():IOLAPLevel
 findMember():IOLAPMember

IOLAPLevel ■

P: mx.olap
 → IOLAPElement
 child:IOLAPLevel
 depth:int
 hierarchy:IOLAPHierarchy
 members:IList
 parent:IOLAPLevel
 findMember():IList

IOLAPMember ■

P: mx.olap
 → IOLAPElement
 children:IList
 hierarchy:IOLAPHierarchy
 isAll:Boolean
 isMeasure:Boolean
 level:IOLAPLevel
 parent:IOLAPMember
 findChildMember():IOLAPMember

IOLAPQuery ■

P: mx.olap
 getAxis():IOLAPQueryAxis
 setAxis():void

IOLAPQueryAxis ■

P: mx.olap
 sets:Array
 tuples:Array
 addMember():void
 addSet():void
 addTuple():void

IOLAPResult ■

P: mx.olap
 axes:Array
 query:IOLAPQuery
 getAxis():IOLAPResultAxis
 getCell():IOLAPCell

IOLAPResultAxis ■

P: mx.olap
 positions:IList

IOLAPSchema ■

P: mx.olap
 cubes:IList
 createCube():IOLAPCube
 getCube():IOLAPCube

IOLAPSet ■

P: mx.olap
 addElement():void
 addElements():void
 addTuple():void
 crossJoin():IOLAPSet
 hierarchize():IOLAPSet
 union():IOLAPSet

IOLAPTuple ■

P: mx.olap

explicitMembers:IList
 addMember():void
 addMembers():void

IOverride ■

P: mx.states
 apply():void
 initialize():void
 remove():void

IPreloaderDisplay ■

P: mx.preloaders
 → IEventDispatcher
 backgroundAlpha:Number
 backgroundColor:uint
 backgroundImage:Object
 backgroundSize:String
 preloader:Sprite
 stageHeight:Number
 stageWidth:Number
 initialize():void

IProgrammaticSkin ■

P: mx.core
 validateDisplayList():void
 validateNow():void

IPropertyChangeNotifier ■

P: mx.core
 → IEventDispatcher

IRawChildrenContainer ■

P: mx.core
 rawChildren:IChildList

IRectangularBorder ■

P: mx.core
 → IBorder
 backgroundImageBounds:Rectangle
 hasBackgroundImage:Boolean
 layoutBackgroundImage():void

IRepeater ■

P: mx.core
 container:IContainer
 count:int
 currentIndex:int
 currentItem:Object
 dataProvider:Object
 recycleChildren:Boolean
 startingIndex:int
 executeChildBindings():void
 initializeRepeater():void

IRepeaterClient ■

P: mx.core
 instanceIndices:Array
 isDocument:Boolean
 repeaterIndices:Array
 repeaters:Array
 initializeRepeaterArrays():void

IResourceBundle ■

P: mx.resources
 bundleName:String
 content:Object
 locale:String

IResourceManager ■

P: mx.resources
 → IEventDispatcher
 localeChain:Array
 addResourceBundle():void
 findResourceBundleWithResource():IR

esourceBundle
 getBoolean():Boolean
 getBundleNamesForLocale():Array
 getClass():Class
 getInt():int
 getLocales():Array
 getNumber():Number
 getObject():*
 getResourceBundle():IResourceBundle
 getString():String
 getStringArray():Array
 getUint():uint
 installCompiledResourceBundles():void
 loadResourceModule():IEventDispatcher
 removeResourceBundle():void
 removeResourceBundlesForLocale():void
 unloadResourceModule():void
 update():void

IResponder ■

P: mx.rpc
 fault():void
 result():void

Iris ■

P: mx.effects
 → MaskEffect

IrisInstance ■

P: mx.effects.effectClasses
 → MaskEffectInstance

ISimpleStyleClient ■

P: mx.styles
 styleName:Object
 styleChanged():void
 activate():void
 addFocusManager():void
 deactivate():void
 getDefinitionByName():Object
 isFontFaceEmbedded():Boolean
 isTopLevel():Boolean
 removeFocusManager():void

ISOAPDecoder ■

P: mx.rpc.soap
 forcePartArrays:Boolean
 headerFormat:String
 ignoreWhitespace:Boolean
 multiplePartsFormat:String
 resultFormat:String
 wsdlOperation:WSDLOperation
 decodeResponse():SOAPResult

ISOAPEncoder ■

P: mx.rpc.soap
 ignoreWhitespace:Boolean
 wsdlOperation:WSDLOperation
 encodeRequest():XML

IStackable ■

P: mx.charts.chartClasses
 stacker:StackedSeries
 stackTotals:Dictionary
 stack():Number

IStackable2 ■

P: mx.charts.chartClasses
 → Istackable
 stackAll():Object

IStateClient ■

P: mx.core
 currentState:String

IStroke ■

P: mx.graphics
 weight:Number
 apply():void

IStyleClient ■

P: mx.styles
 → ISimpleStyleClient
 className:String
 inheritingStyles:Object
 nonInheritingStyles:Object
 styleDeclaration:CSSStyleDeclaration
 clearStyle():void
 getClassStyleDeclarations():Array
 getStyle():*
 notifyStyleChangeInChildren():void
 regenerateStyleCache():void
 registerEffects():void
 setStyle():void

IStyleModule ■

P: mx.styles
 unload():void

ISystemManager ■

P: mx.managers
 → IEventDispatcher
 cursorChildren:IChildList
 document:Object
 focusPane:Sprite
 loaderInfo:LoaderInfo
 numModalWindows:int
 popUpChildren:IChildList
 rawChildren:IChildList
 screen:Rectangle
 stage:Stage
 tooltipChildren:IChildList
 topLevelSystemManager:ISystemManager
 activate():void
 addFocusManager():void
 deactivate():void
 getDefinitionByName():Object
 isFontFaceEmbedded():Boolean
 isTopLevel():Boolean
 removeFocusManager():void

ItemClickEvent ■

P: mx.events
 → Event
 index:int
 item:Object
 ITEM_CLICK:String
 label:String
 relatedObject:InteractiveObject
 ItemClickEvent()

ItemPendingError ■

P: mx.collections.errors
 → Error
 + responders:Array
 + addResponder(IResponder):void
 + ItemPendingError(String):void

ItemResponder ■

P: mx.collections
 → Object
 IResponder
 fault():void
 ItemResponder()
 result():void

IToolTip ■

P: mx.core
 → IUIComponent
 screen:Rectangle
 text:String
 IToolTipManagerClient ■
 → FlexDisplayObject
 P: mx.managers

ITreeDataDescriptor ■

P: mx.controls.treeClasses
 addChildAt():Boolean
 getChildren():ICollectionView
 getData():Object
 hasChildren():Boolean
 isBranch():Boolean
 removeChildAt():Boolean

ITreeDataDescriptor2 ■

P: mx.controls.treeClasses
 → ITreeDataDescriptor
 getHierarchicalCollectionAdaptor():ICollectionView
 getNodeDepth():int
 getParent():Object

IUIComponent ■

P: mx.core
 → IFlexDisplayObject
 baselinePosition:Number
 document:Object
 enabled:Boolean
 explicitHeight:Number
 explicitMaxHeight:Number
 explicitMaxWidth:Number
 explicitMinHeight:Number
 explicitMinWidth:Number
 explicitWidth:Number
 focusPane:Sprite
 includeInLayout:Boolean
 isPopUp:Boolean
 maxHeight:Number
 maxWidth:Number
 measuredMinHeight:Number
 measuredMinWidth:Number
 minHeight:Number
 minWidth:Number
 owner:DisplayObjectContainer
 percentHeight:Number
 percentWidth:Number
 systemManager:ISystemManager
 tweeningProperties:Array
 getExplicitOrMeasuredHeight():Number
 getExplicitOrMeasuredWidth():Number
 initialize():void
 owns():Boolean
 parentChanged():void
 setVisible():void

IUID ■

P: mx.core
 uid:String

IUITextField ■

P: mx.core
 → IIMESupport
 alwaysShowSelection:Boolean
 antiAliasType:String
 autoSize:String
 background:Boolean
 backgroundColor:uint
 border:Boolean
 borderColor:uint
 bottomScrollV:int
 caretIndex:int
 condenseWhite:Boolean
 defaultTextFormat:TextFormat
 displayAsPassword:Boolean
 doubleClickEnabled:Boolean
 embedFonts:Boolean
 focusRect:Object
 gridFitType:String

htmlText:String
 ignorePadding:Boolean
 inheritingStyles:Object
 length:int
 maxChars:int
 maxScrollH:int
 maxScrollV:int
 mouseEnabled:Boolean
 mouseWheelEnabled:Boolean
 multiline:Boolean
 nestLevel:int
 nonInheritingStyles:Object
 nonZeroTextHeight:Number
 numLines:int
 restrict:String
 scrollH:int
 scrollV:int
 selectable:Boolean
 selectionBeginIndex:int
 selectionEndIndex:int
 sharpness:Number
 styleSheet:StyleSheet
 tabEnabled:Boolean
 tabIndex:int
 text:String
 textColor:uint
 textHeight:Number
 textWidth:Number
 thickness:Number
 type:String
 useRichTextClipboard:Boolean
 wordWrap:Boolean
 appendText():void
 getCharBoundaries():Rectangle
 getCharIndexAtPoint():int
 getFirstCharInParagraph():int
 getImageReference():DisplayObject
 getLineIndexAtPoint():int
 getLineIndexOfChar():int
 getLineLength():String
 getLineMetrics():TextLineMetrics
 getLineOffset():int
 getLineText():String
 getParagraphLength():int
 getStyle():*
 getTextFormat():TextFormat
 getUITextFormat():UITextFormat
 replaceSelectedText():void
 replaceText():void
 setColor():void
 setFocus():void
 setSelection():void
 setTextFormat():void
 truncateToFit():Boolean

IURIDereferencer ■

P: flash.security
 dereference():IDataInput

IValidatorListener ■

P: mx.validators
 errorString:String
 validationSubField:String
 validationResultHandler():void

IViewCursor ■

P: mx.collections
 → IEventDispatcher
 afterLast:Boolean
 beforeFirst:Boolean
 bookmark:CursorBookmark
 current:Object
 view:ICollectionView
 findAny():Boolean
 findFirst():Boolean

findLast():Boolean
 insert():void
 moveNext():Boolean
 movePrevious():Boolean
 remove():Object
 seek():void

IWindow ■●

P: mx.core
 maximizable:Boolean
 minimizable:Boolean
 nativeWindow:NativeWindow
 resizable:Boolean
 status:String
 systemChrome:String
 title:String
 titleIcon:Class
 transparent:Boolean
 type:String
 visible:Boolean
 close():void
 maximize():void
 minimize():void
 restore():void

IXMLDecoder ■

P: mx.rpc.xml
 makeObjectBindable:Boolean
 recordXSIType:Boolean
 typeRegistry:SchemeTypeRegistry
 decode():*
 reset():void

IXMLEncoder ■

P: mx.rpc.xml
 xmlSpecialCharsFilter:Function
 encode():XMLList
 reset():void

IXMLSchemaInstance ■

P: mx.rpc.xml
 xsiType:QName

JointStyle

P: flash.display
 → Object
 BEVEL:String
 MITER:String
 ROUND:String

JPEGEncoder ■

P: mx.graphics.codec
 → Object
 IImageEncoder
 contentType:String
 encode():ByteArray
 encodeByteArray():ByteArray
 JPEGEncoder():void

JPEGLoaderContext

P: mx.validators
 → LoaderContext
 deblockingFilter:Number

JustificationStyle

P: flash.text.engine
 → Object
 PRIORITIZE_LEAST_ADJUSTMENT:String
 PUSH_IN_KINSOKU:String
 PUSH_OUT_ONLY:String

Keyboard

P: flash.ui
 → Object
 A:uint
 ALTERNATE:uint
 B:uint
 BACKQUOTE:uint
 BACKSLASH:uint
 BACKSPACE:uint
 C:uint
 CAPS_LOCK:uint
 capsLock:Boolean
 CharCodeStrings:Array
 COMMA:uint
 COMMAND:uint
 CONTROL:uint
 D:uint
 DELETE:uint
 DOWN:uint
 E:uint
 END:uint
 ENTER:uint
 EQUAL:uint
 ESCAPE:uint
 F1:uint
 F10:uint
 F11:uint
 F12:uint
 F13:uint
 F14:uint
 F15:uint
 F2:uint
 F3:uint
 F4:uint
 F5:uint
 F6:uint
 F7:uint
 F8:uint
 F9:uint
 G:uint
 H:uint
 HOME:uint
 I:uint
 INSERT:uint
 J:uint
 K:uint
 KEYNAME_BEGIN:String
 KEYNAME_BREAK:String
 KEYNAME_CLEARDISPLAY:String
 KEYNAME_CLEARLINE:String
 KEYNAME_DELETE:String
 KEYNAME_DELETECHAR:String
 KEYNAME_DELETELIN:String
 KEYNAME_DOWNARROW:String
 KEYNAME_END:String
 KEYNAME_EXECUTE:String
 KEYNAME_F1:String
 KEYNAME_F10:String
 KEYNAME_F11:String
 KEYNAME_F12:String
 KEYNAME_F13:String
 KEYNAME_F14:String
 KEYNAME_F15:String
 KEYNAME_F16:String
 KEYNAME_F17:String
 KEYNAME_F18:String
 KEYNAME_F19:String
 KEYNAME_F2:String
 KEYNAME_F20:String
 KEYNAME_F21:String
 KEYNAME_F22:String

KEYNAME_F23:String
 KEYNAME_F24:String
 KEYNAME_F25:String
 KEYNAME_F26:String
 KEYNAME_F27:String
 KEYNAME_F28:String
 KEYNAME_F29:String
 KEYNAME_F3:String
 KEYNAME_F30:String
 KEYNAME_F31:String
 KEYNAME_F32:String
 KEYNAME_F33:String
 KEYNAME_F34:String
 KEYNAME_F35:String
 KEYNAME_F4:String
 KEYNAME_F5:String
 KEYNAME_F6:String
 KEYNAME_F7:String
 KEYNAME_F8:String
 KEYNAME_F9:String
 KEYNAME_FIND:String
 KEYNAME_HELP:String
 KEYNAME_HOME:String
 KEYNAME_INSERT:String
 KEYNAME_INSERTCHAR:String
 KEYNAME_INSERTLINE:String
 KEYNAME_LEFTARROW:String
 KEYNAME_MENU:String
 KEYNAME_MODESWITCH:String
 KEYNAME_NEXT:String
 KEYNAME_PAGEDOWN:String
 KEYNAME_PAGEUP:String
 KEYNAME_PAUSE:String
 KEYNAME_PREV:String
 KEYNAME_PRINT:String
 KEYNAME_PRINTSCREEN:String
 KEYNAME_REDO:String
 KEYNAME_RESET:String
 KEYNAME_RIGHTARROW:String
 KEYNAME_SCROLLLOCK:String
 KEYNAME_SELECT:String
 KEYNAME_STOP:String
 KEYNAME_SYSREQ:String
 KEYNAME_SYSTEM:String
 KEYNAME_UNDO:String
 KEYNAME_UPARROW:String
 KEYNAME_USER:String
 L:uint
 LEFT:uint
 LEFTBRACKET:uint
 M:uint
 MINUS:uint
 N:uint
 NUMBER_0:uint
 NUMBER_1:uint
 NUMBER_2:uint
 NUMBER_3:uint
 NUMBER_4:uint
 NUMBER_5:uint
 NUMBER_6:uint
 NUMBER_7:uint
 NUMBER_8:uint
 NUMBER_9:uint
 numLock:Boolean
 NUMPAD:uint
 NUMPAD_0:uint
 NUMPAD_1:uint
 NUMPAD_2:uint
 NUMPAD_3:uint
 NUMPAD_4:uint
 NUMPAD_5:uint
 NUMPAD_6:uint
 NUMPAD_7:uint
 NUMPAD_8:uint
 NUMPAD_9:uint

NUMPAD_ADD:uint
 NUMPAD_DECIMAL:uint
 NUMPAD_DIVIDE:uint
 NUMPAD_ENTER:uint
 NUMPAD_MULTIPLY:uint
 NUMPAD_SUBTRACT:uint
 O:uint
 P:uint
 PAGE_DOWN:uint
 PAGE_UP:uint
 PERIOD:uint
 Q:uint
 QUOTE:uint
 R:uint
 RIGHT:uint
 RIGHTBRACKET:uint
 S:uint
 SEMICOLON:uint
 SHIFT:uint
 SLASH:uint
 SPACE:uint
 STRING_BEGIN:String
 STRING_BREAK:String
 STRING_CLEARDISPLAY:String
 STRING_CLEARLINE:String
 STRING_DELETE:String
 STRING_DELETECHAR:String
 STRING_DELETELINE:String
 STRING_DOWNARROW:String
 STRING_END:String
 STRING_EXECUTE:String
 STRING_F1:String
 STRING_F10:String
 STRING_F11:String
 STRING_F12:String
 STRING_F13:String
 STRING_F14:String
 STRING_F15:String
 STRING_F16:String
 STRING_F17:String
 STRING_F18:String
 STRING_F19:String
 STRING_F2:String
 STRING_F20:String
 STRING_F21:String
 STRING_F22:String
 STRING_F23:String
 STRING_F24:String
 STRING_F25:String
 STRING_F26:String
 STRING_F27:String
 STRING_F28:String
 STRING_F29:String
 STRING_F3:String
 STRING_F30:String
 STRING_F31:String
 STRING_F32:String
 STRING_F33:String
 STRING_F34:String
 STRING_F35:String
 STRING_F4:String
 STRING_F5:String
 STRING_F6:String
 STRING_F7:String
 STRING_F8:String
 STRING_F9:String
 STRING_FIND:String
 STRING_HELP:String
 STRING_HOME:String
 STRING_INSERT:String
 STRING_INSERTCHAR:String
 STRING_INSERTLINE:String
 STRING_LEFTARROW:String
 STRING_MENU:String
 STRING_MODESWITCH:String

STRING_NEXT:String
 STRING_PAGEDOWN:String
 STRING_PAGEUP:String
 STRING_PAUSE:String
 STRING_PREV:String
 STRING_PRINT:String
 STRING_PRINTSCREEN:String
 STRING_REDO:String
 STRING_RESET:String
 STRING_RIGHTARROW:String
 STRING_SCROLLLOCK:String
 STRING_SELECT:String
 STRING_STOP:String
 STRING_SYSREQ:String
 STRING_SYSTEM:String
 STRING_UNDO:String
 STRING_UPARROW:String
 STRING_USER:String
 T:uint
 TAB:uint
 U:uint
 UP:uint
 V:uint
 W:uint
 X:uint
 Y:uint
 Z:uint
 isAccessible():Boolean

KeyboardEvent

P: flash.events
 → Event
 altKey:Boolean
 charCode:uint
 commandKey:Boolean
 controlKey:Boolean
 ctrlKey:Boolean
 KEY_DOWN:String
 KEY_UP:String
 keyCode:uint
 keyLocation:uint
 shiftKey:Boolean
 clone():void
 Event
 KeyboardEvent()
 toString():String
 updateAfterEvent():void

KeyLocation

P: flash.ui
 → Object
 LEFT:uint
 NUM_PAD:uint
 RIGHT:uint
 STANDARD:uint

Label
 P: mx.controls
 → UIComponent
 IDataRenderer
 IDropInListItemRenderer
 IListItemRenderer
 IFontContextComponent
 condenseWhite:Boolean
 data:Object
 fontContext:IFlexModuleFactory
 htmlText:String
 listData:BaseListData
 selectable:Boolean
 text:String
 textField:UITextField
 textHeight:Number
 textWidth:Number
 truncateToFit:Boolean
 getLineMetrics():TextLineMetrics
 Label()

LabelAutomationImpl

P: mx.automation.delegates.
 controls
 → UIComponentAutomationImpl
 init():void
 LabelAutomationImpl()

LayoutContainer

P: mx.core
 → Container
 IConstraintLayout
 boxLayoutClass:Class
 canvasLayoutClass:Class
 constraintColumns:Array
 constraintRows:Array
 layout:String
 LayoutContainer()

LayoutManager

P: mx.managers
 → EventDispatcher
 ILayoutManager
 usePhasedInstantiation:Boolean
 getInstance():LayoutManager
 invalidateDisplayList():void
 invalidateProperties():void
 invalidateSize():void
 isInvalid():Boolean
 LayoutManager()
 validateClient():void
 validateNow():void

Legend

P: mx.charts
 → Tile
 dataProvider:Object
 legendItemClass:Class
 commitProperties():void
 Legend()
 measure():void
 updateDisplayList():void

LegendAutomationImpl

P: mx.automation.delegates.charts
 → ContainerAutomationImpl
 init():void
 LegendAutomationImpl()

LegendData

P: mx.charts.chartClasses
 → Object
 aspectRatio:Number
 element:IChartElement
 label:String
 marker:IFlexDisplayObject
 LegendData()

LegendItem

P: mx.charts
 → UIComponent
 element:IChartElement
 label:String
 legendData:Object
 marker:IFlexDisplayObject
 markerAspectRatio:Number
 source:Object
 LegendItem()

LegendItemAutomationImpl

P: mx.automation.delegates.charts
 → UIComponentAutomationImpl
 init():void
 LegendItemAutomationImpl()

LegendMouseEvent

P: mx.charts.events
 → MouseEvent
 item:LegendItem
 ITEM_CLICK:String
 ITEM_MOUSE_DOWN:String
 ITEM_MOUSE_OUT:String
 ITEM_MOUSE_OVER:String
 ITEM_MOUSE_UP:String
 LegendMouseEvent()

LigatureLevel

P: flash.text.engine
 → Object
 COMMON:String
 EXOTIC:String
 MINIMUM:String
 NONE:String
 UNCOMMON:String

Linear

P: mx.effects.easing
 → Object
 easeIn():Number
 easeInOut():Number
 easeNone():Number
 easeOut():Number

LinearAxis

P: mx.charts
 → NumericAxis
 interval:Number
 maximum:Number
 maximumLabelPrecision:Number
 minimum:Number
 minorInterval:Number
 LinearAxis()

LinearGradient

P: mx.graphics
 → GradientBase
 IFill
 angle:Number
 begin():void
 end():void
 LinearGradient()

LinearGradientStroke

P: mx.graphics
 → GradientBase
 IStroke
 angle:Number
 caps:String
 interpolationMethod:String
 joints:String
 miterLimit:Number
 pixelHinting:Boolean
 scaleMode:String
 spreadMethod:String
 weight:Number
 apply():void
 LinearGradientStroke()

LineChart

P: mx.charts
 → CartesianChart

LineFormattedTarget

P: mx.logging.targets
 → AbstractTarget
 fieldSeparator:String
 includeCategory:Boolean
 includeDate:Boolean
 includeLevel:Boolean

includeTime:Boolean
 LineFormattedTarget()
 logEvent():void

LineJustification

P: flash.text.engine
 → Object
 ALL_BUT_LAST:String
 ALL_INCLUDING_LAST:String
 UNJUSTIFIED:String

LineRenderer

P: mx.charts.renderers
 → ProgrammaticSkin
 IDataRenderer
 data:Object
 LineRenderer()

LineScaleMode

P: flash.display
 → Object
 HORIZONTAL:String
 NONE:String
 NORMAL:String
 VERTICAL:String

LineSeries

P: mx.charts.series
 → Series
 fillFunction:Function
 horizontalAxis:IAxis
 interpolateValues:Boolean
 items:Array
 itemType:Class
 lineSegmentType:Class
 radius:Number
 renderDataType:Class
 sortOnXField:Boolean
 verticalAxis:IAxis
 xField:String
 yField:String
 applyItemRendererProperties():void
 commitProperties():void
 LineSeries()

LineSeriesAutomationImpl

P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 init():void
 LineSeriesAutomationImpl()

LineSeriesItem

P: mx.charts.series.items
 → ChartItem
 fill:IFill
 x:Number
 xFilter:Number
 xNumber:Number
 xValue:Object
 y:Number
 yFilter:Number
 yNumber:Number
 yValue:Object
 LineSeriesItem()

LineSeriesRenderData

P: mx.charts.series.renderData
 → RenderData
 radius:Number
 segments:Array
 validPoints:Number
 LineSeriesRenderData()

LineSeriesSegment

P: mx.charts.series.items
 → Object
 element:LineSeries
 end:uint
 index:uint
 items:Array
 start:uint
 clone():LineSeriesSegment
 LineSeriesSegment()

LinkBar

P: mx.controls
 → NavBar
 selectedIndex:int
 LinkBar()
 styleChanged():void
 updateDisplayList():void

LinkBarAutomationImpl

P: mx.automation.delegates.
 controls
 → NavBarAutomationImpl
 init():void
 LinkBarAutomationImpl()

LinkButton

P: mx.controls
 → Button

LinkButtonSkin

P: mx.skins.halo
 → Border
 dataProvider:Object
 dataTipField:String
 dataTipFunction:Function
 defaultColumnCount:int
 defaultRowCount:int
 dragEnabled:Boolean
 dragImage:IUIComponent
 dragImageOffsets:Point
 dragMoveEnabled:Boolean
 dropEnabled:Boolean
 explicitColumnCount:int
 explicitRowHeight:Number
 factoryMap:Dictionary
 freeItemRenderers:Array
 freeItemRenderersByFactory:Dictionary
 highlightIndicator:Sprite
 highlightItemRenderer:IListItemRen
 derer
 highlightUID:String
 iconField:String
 iconFunction:Function
 itemRenderer:IFactory
 itemsNeedMeasurement:Boolean
 itemsSizeChanged:Boolean
 iterator:IViewCursor
 iteratorValid:Boolean
 keySelectionPending:Boolean
 labelField:String
 labelFunction:Function
 lastDropIndex:int
 lastSeekPending:ListBaseSeekPending
 listContent:ListBaseContentHolder
 listContentStyleFilters:Object
 listData:BaseListData
 listItems:Array
 menuSelectionMode:Boolean
 modifiedCollectionView:
 nullItemRenderer:IFactory
 offscreenExtraColumns:int
 offscreenExtraColumnsLeft:int
 offscreenExtraColumnsRight:int
 offscreenExtraRows:int
 offscreenExtraRowsBottom:int
 offscreenExtraRowsOrColumns:int

List

P: mx.controls
 → ListBase
 IIMESupport
 editable:Boolean
 editedItemPosition:Object
 editedItemRenderer:IListItemRenderer
 editorDataField:String
 editorHeightOffset:Number
 editorUsesEnterKey:Boolean
 editorWidthOffset:Number
 editorXOffset:Number
 editorYOffset:Number
 imeMode:String
 itemEditor:IFactory
 itemEditorInstance:IListItemRenderer
 lockedRowCount:int
 measuringObjects:Dictionary
 renderersEditor:Boolean
 createItemEditor():void
 createItemRenderer():IListItemRenderer
 destroyItemEditor():void
 drawRowBackground():void
 endEdit():Boolean
 isItemEditable():Boolean
 layoutEditor():void
 List()
 makeListData():BaseListData

ListAutomationImpl

P: mx.automation.delegates.
 controls
 → ListBaseAutomationImpl
 automationTabularData:Object
 init():void
 ListAutomationImpl()

ListBase

P: mx.controls.listClasses
 → ScrollControlBase
 IDataRenderer
 IFocusManagerComponent
 IListItemRenderer
 IDropInListItemRenderer
 IEffectTargetHost
 actualCollection:ICollectionView
 actualIterator:IViewCursor
 allowDragSelection:Boolean
 allowItemSizeChangeNotification:Bo
 oolean
 allowMultipleSelection:Boolean
 anchorBookmark:CursorBookmark
 anchorIndex:int
 cachedItemsChangeEffect:IEffect
 caretBookmark:CursorBookmark
 caretIndex:int
 caretIndicator:Sprite
 caretItemRenderer:IListItemRenderer
 caretUID:String
 collection:ICollectionView
 columnCount:int
 columnWidth:Number
 data:Object
 dataEffectCompleted:Boolean
 dataItemWrappersByRenderer:Dict
 ionary
 dataProvider:Object
 dataTipField:String
 dataTipFunction:Function
 defaultColumnCount:int
 defaultRowCount:int
 dragEnabled:Boolean
 dragImage:IUIComponent
 dragImageOffsets:Point
 dragMoveEnabled:Boolean
 dropEnabled:Boolean
 explicitColumnCount:int
 explicitRowHeight:Number
 factoryMap:Dictionary
 freeItemRenderers:Array
 freeItemRenderersByFactory:Dictionary
 highlightIndicator:Sprite
 highlightItemRenderer:IListItemRen
 derer
 highlightUID:String
 iconField:String
 iconFunction:Function
 itemRenderer:IFactory
 itemsNeedMeasurement:Boolean
 itemsSizeChanged:Boolean
 iterator:IViewCursor
 iteratorValid:Boolean
 keySelectionPending:Boolean
 labelField:String
 labelFunction:Function
 lastDropIndex:int
 lastSeekPending:ListBaseSeekPending
 listContent:ListBaseContentHolder
 listContentStyleFilters:Object
 listData:BaseListData
 listItems:Array
 menuSelectionMode:Boolean
 modifiedCollectionView:
 nullItemRenderer:IFactory
 offscreenExtraColumns:int
 offscreenExtraColumnsLeft:int
 offscreenExtraColumnsRight:int
 offscreenExtraRows:int
 offscreenExtraRowsBottom:int
 offscreenExtraRowsOrColumns:int

offscreenExtraRowsOrColumnsChanged:Boolean
 offscreenExtraRowsTop:int
 rendererChanged:Boolean
 reservedItemRenderers:Object
 rowCount:int
 rowHeight:Number
 rowInfo:Array
 rowMap:Object
 runDataEffectNextUpdate:Boolean
 runningDataEffect:Boolean
 selectable:Boolean
 selectedData:Object
 selectedIndex:int
 selectedIndices:Array
 selectedItem:Object
 selectedItems:Array
 selectionIndicators:Object
 selectionLayer:Sprite
 selectionTweens:Object
 showCaret:Boolean
 showDataTips:Boolean
 unconstrainedRenderers:Dictionary
 value:Object
 variableRowHeight:Boolean
 visibleData:Object
 wordWrap:Boolean
 wordWrapChanged:Boolean
 addDataEffectItem():void
 addDragData():void
 addToFreeItemRenderers():void
 addToRowArrays():void
 adjustListContent():void
 applySelectionEffect():void
 calculateDropIndex():int
 calculateDropIndicatorY():Number
 clearCaretIndicator():void
 clearHighlightIndicator():void
 clearIndicators():void
 clearSelected():void
 clearVisibleData():void
 collectionChangeHandler():void
 commitProperties():void
 configureScrollBars():void
 copyItemWithUID():Object
 copySelectedItems():Array
 createChildren():void
 createItemRenderer():IListItemRenderer
 destroyRow():void
 dragCompleteHandler():void
 dragDropHandler():void
 dragEnterHandler():void
 dragExitHandler():void
 dragOverHandler():void
 dragScroll():void
 dragStartHandler():void
 drawCaretIndicator():void
 drawHighlightIndicator():void
 drawItem():void
 drawRowBackgrounds():void
 drawSelectionIndicator():void
 findKey():Boolean
 findString():Boolean
 finishDataChangeEffect():void
 finishKeySelection():void
 getItemRendererFactory():IFactory
 getRendererSemanticValue():Object
 getReservedOrFreeItemRenderer():IListItemRenderer
 hideDropFeedback():void
 indexToColumn():int
 indexToItemRenderer():IListItemRenderer

indexToRow():int
 indicesToIndex():int
 initiateDataChangeEffect():void
 invalidateList():void
 isItemHighlighted():Boolean
 isItemSelectable():Boolean
 isItemSelected():Boolean
 isItemVisible():Boolean
 isRendererUnconstrained():Boolean
 itemRendererContains():Boolean
 itemRendererToIndex():int
 itemRendererToIndices():Point
 itemToDataTip():String
 itemToIcon():Class
 itemToItemRenderer():IListItemRenderer
 itemToLabel():String
 itemToUID():String
 ListBase()
 makeRowsAndColumns():Point
 measure():void
 measureHeightOfItems():Number
 measureWidthOfItems():Number
 mouseClickHandler():void
 mouseDoubleClickHandler():void
 mouseDownHandler():void
 mouseEventToItemRenderer():IListItemRenderer
 mRenderer
 mouseMoveHandler():void
 mouseOutHandler():void
 mouseOverHandler():void
 mouseUpHandler():void
 mouseWheelHandler():void
 moveIndicatorsHorizontally():void
 moveIndicatorsVertically():void
 moveRowVertically():void
 moveSelectionHorizontally():void
 moveSelectionVertically():void
 prepareDataEffect():void
 purgeItemRenderers():void
 reKeyVisibleData():void
 removeDataEffectItem():void
 removeFromRowArrays():void
 removeIndicators():void
 restoreRowArrays():void
 scrollHorizontally():void
 scrollPositionToIndex():int
 scrollToIndex():Boolean
 scrollVertically():void
 seekPendingFailureHandler():void
 seekPendingResultHandler():void
 seekPositionSafely():Boolean
 selectItem():Boolean
 setRowCount():void
 setRowHeight():void
 shiftRow():void
 showDropFeedback():void
 sumRowHeights():Number
 truncateRowArrays():void
 UIDToItemRenderer():IListItemRenderer
 updateDisplayList():void
 updateList():void

ListBaseAutomationImpl
 P: mx.automation.delegates.controls
 → ScrollControlBaseAutomationImpl
 automationTabularData:Object
 init():void
 ListBaseAutomationImpl()
 updateItemRenderers():void

ListBaseContentHolder
 P: mx.controls.listClasses
 → UIComponent
 bottomOffset:Number
 heightExcludingOffsets:Number
 iterator:IViewCursor
 leftOffset:Number
 listItems:Array
 rightOffset:Number
 rowInfo:Array
 selectionLayer:Sprite
 topOffset:Number
 visibleData:Object
 widthExcludingOffsets:Number
 ListBaseContentHolder()
 updateDisplayList():void

ListBaseContentHolderAutomationImpl
 P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
 init():void
 ListBaseContentHolderAutomationImpl()

ListBaseSeekPending
 P: mx.controls.listClasses
 → Object
 bookmark:CursorBookmark
 offset:int
 ListBaseSeekPending()

ListBaseSelectionData
 P: mx.controls.listClasses
 → Object
 approximate:Boolean
 data:Object
 index:int
 ListBaseSelectionData()

ListCollectionView
 P: mx.collections
 → Proxy
 ICollectionView
 IList
 IMXMLObject
 filterFunction:Function
 length:int
 list:IList
 localIndex:Array
 sort:Sort
 addEventListener():void
 addItem():void
 addItemAt():void
 contains():Boolean
 createCursor():IViewCursor
 disableAutoUpdate():void
 dispatchEvent():Boolean
 enableAutoUpdate():void
 getItemAt():Object
 getItemIndex():int
 hasEventListener():Boolean
 initialized():void
 itemUpdated():void
 ListCollectionView()
 refresh():Boolean
 removeAll():void
 removeEventListener():void
 removeItemAt():Object
 setItemAt():Object
 toArray():Array
 toString():String
 willTrigger():Boolean

ListData
 P: mx.controls.listClasses
 → BaseListData
 icon:Class
 labelField:String
 ListData()

ListDropIndicator
 P: mx.skins.halo
 → ProgrammaticSkin
 direction:String
 ListDropIndicator()

ListEvent
 P: mx.events
 → Event
 CHANGE:String
 columnIndex:int
 ITEM_CLICK:String
 ITEM_DOUBLE_CLICK:String
 ITEM_EDIT_BEGIN:String
 ITEM_EDIT_BEGINNING:String
 ITEM_EDIT_END:String
 ITEM_FOCUS_IN:String
 ITEM_FOCUS_OUT:String
 ITEM_ROLL_OUT:String
 ITEM_ROLL_OVER:String
 reason:String
 rowIndex:int
 ListEvent()

ListEventReason
 P: mx.events
 → Object
 CANCELLED:String
 NEW_ROW:String
 OTHER:String

ListItemDragProxy
 P: mx.controls.listClasses
 → UIComponent
 ListItemDragProxy()
 measure():void

ListItemRenderer
 P: mx.controls.listClasses
 → UIComponent
 IDataRenderer
 IDropInListItemRenderer
 IListItemRenderer
 IFontContextComponent
 data:Object
 fontContext:IFlexModuleFactory
 icon:IFlexDisplayObject
 label:UITextField
 listData:BaseListData
 ListItemRenderer()
 tooltipShowHandler():void

ListItemRendererAutomationImpl
 P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
 init():void
 ListItemRendererAutomationImpl()

ListItemSelectEvent
 P: mx.automation.events
 → Event
 altKey:Boolean
 ctrlKey:Boolean
 Deselect:String = "deselect"

itemAutomationValue:String
 itemIndex:uint
 itemRenderer:IListItemRenderer
 MULTI_SELECT:String = "multiSelect"
 shiftKey:Boolean
 triggerEvent:Event
 SELECT:String = "select"
 SELECT_INDEX:String = "selectIndex"
 ListItemSelectEvent():void

ListRowInfo
 P: mx.controls.listClasses
 → Object
 data:Object
 height:Number
 itemOldY:Number
 oldY:Number
 uid:String
 y:Number
 ListRowInfo()

Loader
 P: flash.display
 → DisplayObjectContainer
 content:DisplayObject
 contentLoaderInfo:LoaderInfo
 close():void
 load():void
 loadBytes():void
 Loader()
 unload():void

LoaderConfig
 P: mx.messaging.config
 → Object
 parameters:Object
 url:String
 LoaderConfig()

LoaderContext
 P: flash.system
 → Object
 applicationDomain:ApplicationDomain
 checkPolicyFile:Boolean
 securityDomain:SecurityDomain
 LoaderContext()

LoaderInfo
 P: flash.display
 → EventDispatcher
 actionScriptVersion:uint
 applicationDomain:ApplicationDomain
 bytes:ByteArray
 bytesLoaded:uint
 bytesTotal:uint
 childAllowsParent:Boolean
 childSandboxBridge:Object
 content:DisplayObject
 contentType:String
 frameRate:Number
 height:int
 loader:Loader
 loaderURL:String
 parameters:Object
 parentAllowsChild:Boolean
 parentSandboxBridge:Object
 sameDomain:Boolean
 sharedEvents:EventDispatcher
 swfVersion:uint
 url:String
 width:int
 getLoaderInfoByDefinition():LoaderInfo

LoaderUtil
 P: mx.utils
 → Object
 normalizeURL():String

LoadEvent
 P: mx.rpc.soap
 LOAD:String
 clone():Event
 LoadEvent()
 toString():String

LocalConnection
 P: flash.net
 → EventDispatcher
 client:Object
 domain:String
 allowDomain():void
 allowInsecureDomain():void
 close():void
 connect():void
 LocalConnection()
 send():void

LoadVoucherSetting
 P: flash.net.drm
 → Object
 ALLOW_SERVER:String
 FORCE_REFRESH:String
 LOCAL_ONLY:String

Locale
 P: mx.resources
 → Object
 country:String
 language:String
 variant:String
 Locale()
 toString():String

Log
 P: mx.logging
 → Object
 addTarget():void
 flush():void
 getLogger():ILogger
 hasIllegalCharacters():Boolean
 isDebug():Boolean
 isError():Boolean
 isFatal():Boolean
 isInfo():Boolean
 isWarn():Boolean
 removeTarget():void

LogAxis
 P: mx.charts
 → NumericAxis
 interval:Number
 maximum:Number
 maximumLabelPrecision:Number
 minimum:Number
 LogAxis()

LogEvent
 P: mx.logging
 → Event
 level:int
 LOG:String
 message:String
 getLevelString():String
 LogEvent()

LogEventLevel
 P: mx.logging
 → Object

ALL:int
 DEBUG:int
 ERROR:int
 FATAL:int
 INFO:int
 WARN:int

LogLogger
 P: mx.logging
 → EventDispatcher
 Logger
 category:String
 debug():void
 error():void
 fatal():void
 info():void
 log():void
 LogLogger()
 warn():void

MaskEffect
 P: mx.effects
 → Effect
 createMaskFunction:Function
 moveEasingFunction:Function
 scaleEasingFunction:Function
 scaleXFrom:Number
 scaleXTo:Number
 scaleYFrom:Number
 scaleYTo:Number
 showTarget:Boolean
 xFrom:Number
 xTo:Number
 yFrom:Number
 yTo:Number
 getAffectedProperties():Array
 MaskEffect()
 tweenEventHandler():void

MaskEffectInstance
 P: mx.effects.effectClasses
 → EffectInstance
 createMaskFunction:Function
 effectMask:Shape
 moveEasingFunction:Function
 scaleEasingFunction:Function
 scaleXFrom:Number
 scaleXTo:Number
 scaleYFrom:Number
 scaleYTo:Number
 showTarget:Boolean
 targetArea:Rectangle
 targetVisualBounds:Rectangle
 xFrom:Number
 xTo:Number
 yFrom:Number
 yTo:Number
 defaultCreateMask():Shape
 initMaskEffect():void
 MaskEffectInstance()
 onMoveTweenEnd():void
 onMoveTweenUpdate():void
 onScaleTweenEnd():void
 onScaleTweenUpdate():void
 pause():void
 resume():void
 reverse():void

Math
 P: Top Level
 → Object
 E:Number
 LN10:Number
 LN2:Number
 LOG10E:Number

LOG2E:Number
 PI:Number
 SQRT1_2:Number
 SQRT2:Number
 abs():Number
 acos():Number
 asin():Number
 atan():Number
 atan2():Number
 ceil():Number
 cos():Number
 exp():Number
 floor():Number
 log():Number
 max():Number
 min():Number
 pow():Number
 random():Number
 round():Number
 sin():Number
 sqrt():Number
 tan():Number

Matrix
 P: flash.geom
 → Object
 a:Number
 b:Number
 c:Number
 d:Number
 tx:Number
 ty:Number
 clone():Matrix
 concat():void
 createBox():void
 createGradientBox():void
 deltaTransformPoint():Point
 identity():void
 invert():void
 Matrix()
 rotate():void
 scale():void
 toString():String
 transformPoint():Point
 translate():void

Matrix3D
 P: flash.geom
 → Object
 determinant:Number
 position:Vector3D
 rawData:Vector.<Number>
 append():void
 appendRotation():void
 appendScale():void
 appendTranslation():void
 clone():Matrix3D
 decompose():Vector.<Vector3D>
 deltaTransformVector():Vector3D
 identity():void
 interpolate():Matrix3D
 interpolateTo():void
 invert():Boolean
 pointAt():void
 prepend():void
 prependRotation():void
 prependTranslation():void
 recompose():Boolean
 transformVector():Vector3D
 transformVectors():void
 transpose():void

[acceptDragDrop\(\):void](#)
[doDrag\(\):void](#)

NativeDragOptions ●

P: flash.desktop
→ Object
allowCopy:Boolean
allowLink:Boolean
allowMove:Boolean
toString():String

NativeMenu ●

P: flash.display
→ EventDispatcher
items:Array
numItems:int
parent:NativeMenu
addItem():NativeMenuItem
addItemAt():NativeMenuItem
addSubMenu():NativeMenuItem
addSubMenuAt():NativeMenuItem
clone():NativeMenu
containsItem():Boolean
display():void
getItemAt():NativeMenuItem
getItemByName():NativeMenuItem
getItemIndex():int
removeItem():NativeMenuItem
removeItemAt():NativeMenuItem
setItemIndex():void

NativeMenuItem ●

P: flash.display
→ EventDispatcher
checked:Boolean
data:Object
enabled:Boolean
isSeparator:Boolean
keyEquivalent:String
keyEquivalentModifiers:Array
label:String
menu:NativeMenu
mnemonicIndex:int
name:String
submenu:NativeMenu
clone():NativeMenuItem
NativeMenuItem()
toString():String

NativeWindow ●

P: flash.display
→ EventDispatcher
active:Boolean
alwaysInFront:Boolean
bounds:Rectangle
closed:Boolean
displayState:String
height:Number
maximizable:Boolean
maxSize:Point
menu:NativeMenu
minimizable:Boolean
minSize:Point
resizable:Boolean
stage:Stage
supportsMenu:Boolean
supportsNotification:Boolean
systemChrome:String
systemMaxSize:Point
systemMinSize:Point
title:String
transparent:Boolean
type:String
visible:Boolean

width:Number
x:Number
y:Number
activate():void
close():void
globalToScreen():Point
maximize():void
minimize():void
NativeWindow()
notifyUser():void
orderInBackOf():Boolean
orderInFrontOf():Boolean
orderToBack():Boolean
orderToFront():Boolean
restore():void
startMove():Boolean
startResize():Boolean

NativeWindowBoundsEvent ●

P: flash.events
→ Events
afterBounds:Rectangle
beforeBounds:Rectangle
[MOVE:String](#)
[MOVING:String](#)
[RESIZE:String](#)
[RESIZING:String](#)
clone():Event
NativeWindowBoundsEvent()
toString():String

NativeWindowDisplayState ●

P: flash.display
→ Object
[MAXIMIZED:String](#)
[MINIMIZED:String](#)
[NORMAL:String](#)

NativeWindowDisplayStateEvent ●

P: flash.events
→ Event
afterDisplayState:String
beforeDisplayState:String
[DISPLAY_STATE_CHANGE:String](#)
[DISPLAY_STATE_CHANGING:String](#)
clone():Event
NativeWindowDisplayStateEvent()
toString():String

NativeWindowInitOptions ●

P: flash.display
→ Object
hasMenu:Boolean
maximizable:Boolean
minimizable:Boolean
resizable:Boolean
systemChrome:String
transparent:Boolean
type:String
NativeWindowInitOptions()

NativeWindowResize ●

P: flash.display
→ Object
[BOTTOM:String](#)
[BOTTOM_LEFT:String](#)
[BOTTOM_RIGHT:String](#)
[LEFT:String](#)
[NONE:String](#)
[RIGHT:String](#)
[TOP:String](#)
[TOP_LEFT:String](#)
[TOP_RIGHT:String](#)

NativeWindowSystemChrome ●

P: flash.display
→ Object
[NONE:String](#)
[STANDARD:String](#)
[UTILITY:String](#)

NativeWindowType ●

P: flash.display
→ Object
[LIGHTWEIGHT:String](#)
[NORMAL:String](#)
[UTILITY:String](#)

NavBar ■

P: mx.controls
→ Box
dataProvider:Object
iconField:String
labelField:String
labelFunction:Function
selectedIndex:int
tooltipField:String
clickHandler():void
createNavItem():IFlexDisplayObject
hiliteSelectedItem():void
itemToLabel():String
NavBar()
resetNavItems():void
updateNavItemIcon():void
updateNavItemLabel():void

NavBarAutomationImpl ■

P: mx.automation.delegates.
controls
→ ContainerAutomationImpl
init():void
NavBarAutomationImpl()

NetConnection

P: flash.net
→ EventDispatcher
client:Object
connected:Boolean
connectedProxyType:String
[defaultObjectEncoding:uint](#)
farID:String
farNonce:String
maxPeerConnections:uint
nearID:String
nearNonce:String
objectEncoding:uint
protocol:String
proxyType:String
unconnectedPeerStreams:Array
uri:String
usingTLS:Boolean
addHeader():void
call():void
close():void
connect():void
NetConnection()

NetConnectionChannel ■

P: mx.messaging.channels
→ PollingChannel
netConnection:NetConnection
NetConnectionChannel()

NetStatusEvent

P: flash.events
→ Event
info:Object
[NET_STATUS:String](#)

clone():Event
NetStatusEvent()
toString():String

NetStream

P: flash.net
→ EventDispatcher
bufferLength:Number
bufferTime:Number
bytesLoaded:uint
bytesTotal:uint
checkPolicyFile:Boolean
client:Object
[CONNECT_TO_FMS:String](#)
currentFPS:Number
[DIRECT_CONNECTIONS:String](#)
farID:String
farNonce:String
info:NetStreamInfo
liveDelay:Number
nearNonce:String
objectEncoding:uint
peerStreams:Array
soundTransform:SoundTransform
time:Number
attachAudio():void
attachCamera():void
close():void
NetStream()
onPeerConnect():Boolean
pause():void
play():void
play2():void
preloadEmbeddedData():void
publish():void
receiveAudio():void
receiveVideo():void
receiveVideoFPS():void
[resetDRMVouchers\(\):void](#)
resume():void
seek():void
send():void
setDRMAuthenticationCredentials():void
togglePause():void

NetStreamInfo

P: flash.net
→ Object
audioBufferByteLength:Number
audioBufferLength:Number
audioByteCount:Number
audioBytesPerSecond:Number
audioLossRate:Number
byteCount:Number
currentBytesPerSecond:Number
dataBufferByteLength:Number
dataBufferLength:Number
dataByteCount:Number
dataBytesPerSecond:Number
droppedFrames:Number
[EMBEDDED_CFF:String](#)
maxBytesPerSecond:Number
playbackBytesPerSecond:Number
SRTT:Number
videoBufferByteLength:Number
videoBufferLength:Number
videoByteCount:Number
videoBytesPerSecond:Number
toString():String

NetStreamPlayOptions

P: flash.net
→ EventDispatcher
len:Number
oldStreamName:String
start:Number
streamName:String
transition:String

NetStreamPlayTransitions

P: flash.net
→ Object
[APPEND:*](#)
[RESET:*](#)
[STOP:*](#)
[SWAP:*](#)
[SWITCH:*](#)

NewObjectSample

P: flash.sampler
→ Sample
id:Number
object:*
type:Class

NoChannelAvailableError ■

P: mx.messaging.errors
→ MessagingError

NotificationType ●

P: flash.desktop
→ Object
[CRITICAL:String](#)
[INFORMATIONAL:String](#)

Number

P: Top Level
→ Object
[MAX_VALUE:Number](#)
[MIN_VALUE:Number](#)
NaN:Number
[NEGATIVE_INFINITY:Number](#)
[POSITIVE_INFINITY:Number](#)
Number()
toExponential():String
toFixed():String
toPrecision():String
toString():String
valueOf():Number

NumberBase ■

P: mx.flash
→ Object
decimalSeparatorFrom:String
decimalSeparatorTo:String
isValid:Boolean
thousandsSeparatorFrom:String
thousandsSeparatorTo:String
formatDecimal():String
formatNegative():String
formatPrecision():String
formatRounding():String
formatRoundingWithPrecision():String
formatThousands():String
NumberBase()
parseNumberString():String

NumberBaseRoundType ■

P: mx.flash
→ Object
[DOWN:String](#)
[NEAREST:String](#)
[NONE:String](#)
[UP:String](#)

NumberFormatter ■

P: mx.flash
→ Formatter
decimalSeparatorFrom:String
decimalSeparatorTo:String
precision:Object
rounding:String
thousandsSeparatorFrom:String
thousandsSeparatorTo:String
useNegativeSign:Object
useThousandsSeparator:Object
format():String
NumberFormatter()

NumberValidator ■

P: mx.validators
→ Validator
allowNegative:Object
decimalPointCountError:String
decimalSeparator:String
domain:String
exceedsMaxError:String
integerError:String
invalidCharError:String
invalidFormatCharsError:String
lowerThanMinError:String
maxValue:Object
minValue:Object
negativeError:String
precision:Object
precisionError:String
separationError:String
thousandsSeparator:String
doValidation():Array
NumberValidator()
[validateNumber\(\):Array](#)

NumericAxis ■

P: mx.charts.chartClasses
→ AxisBase
IAxis
assignedMaximum:Number
assignedMinimum:Number
autoAdjust:Boolean
baseAtZero:Boolean
baseline:Number
computedInterval:Number
computedMaximum:Number
computedMinimum:Number
dataDescriptions:Array
labelCache:Array
labelFunction:Function
labelMaximum:Number
labelMinimum:Number
minorTickCache:Array
padding:Number
parseFunction:Function
requiredDescribedFields:uint
ticks:Array
adjustMinMax():void
buildLabelCache():Boolean
buildMinorTickCache():Array
filterCache():void
formatForScreen():String
getLabelEstimate():AxisLabelSet
getLabels():AxisLabelSet
guardMinMax():Array
invalidateCache():void
invertTransform():Object
mapCache():void
NumericAxis()
preferDropLabels():Boolean

NumericStepperDownSkin ■

P: mx.skins.halo
→ Border

NumericStepperEvent ■

P: mx.events
→ Event
[CHANGE:String](#)
triggerEvent:Event
value:Number
NumericStepperEvent()

NumericStepperUpSkin ■

P: mx.skins.halo
→ Border

Object

P: Top Level
constructor:Object
[prototype:Object](#)
hasOwnProperty():Boolean
isPrototypeOf():Boolean
Object()
propertyIsEnumerable():Boolean
setPropertyIsEnumerable():void
toString():String
valueOf():Object

ObjectEncoding

P: flash.net
→ Object
[AMF0:uint](#)
[AMF3:uint](#)
[DEFAULT:uint](#)
[dynamicPropertyWriter:IDynamicPro](#)
[pertyWriter](#)

reduceLabels():AxisLabelSet
transformCache():void
update():void

NumericStepper ■

P: mx.controls
→ UIComponent
IDataRenderer
IDropInListItemRenderer
IFocusManagerComponent
IMESupport
IListItemRenderer
data:Object
downArrowStyleFilters:Object
imeMode:String
inputFieldStyleFilters:Object
listData:BaseListData
maxChars:int
maximum:Number
minimum:Number
nextValue:Number
previousValue:Number
stepSize:Number
upArrowStyleFilters:Object
value:Number
NumericStepper()

NumericStepperAutomationImpl ■

P: mx.automation.delegates.
controls
→ UIComponentAutomationImpl
componentInitialized():void
init():void
nsChangeHandler():void
NumericStepperAutomationImpl()

NumericStepperDownSkin ■

P: mx.skins.halo
→ Border

NumericStepperEvent ■

P: mx.events
→ Event
[CHANGE:String](#)
triggerEvent:Event
value:Number
NumericStepperEvent()

NumericStepperUpSkin ■

P: mx.skins.halo
→ Border

Object

P: Top Level
constructor:Object
[prototype:Object](#)
hasOwnProperty():Boolean
isPrototypeOf():Boolean
Object()
propertyIsEnumerable():Boolean
setPropertyIsEnumerable():void
toString():String
valueOf():Object

ObjectProxy ■

P: mx.utils
→ Proxy
IExternalizable
IPropertyChangeNotifier
dispatcher:EventDispatcher
notifiers:Object
object:Object
propertyList:Array
proxyClass:Class
type:QName
uid:String
data:Object
addEventListener():void
callProperty():*
deleteProperty():Boolean
dispatchEvent():Boolean
getComplexProperty():*
getProperty():*
hasEventListener():Boolean
hasProperty():Boolean
nextName():String
nextNameIndex():int
nextValue():*
ObjectProxy()
propertyChangeHandler():void
readExternal():void
removeEventListener():void
setProperty():void
setupPropertyList():void
willTrigger():Boolean
writeExternal():void

ObjectUtil ■

P: mx.utils
→ Object
[compare\(\):int](#)
[copy\(\):Object](#)
[dateCompare\(\):int](#)
[getClassInfo\(\):Object](#)
[hasMetadata\(\):Boolean](#)
[isSimple\(\):Boolean](#)
[numericCompare\(\):int](#)
[stringCompare\(\):int](#)
[toString\(\):String](#)

OLAPAttribute ■

P: mx.olap
→ OLAPHierarchy
[IOLAPAttribute](#)
dataCompareFunction:Function
dataField:String
dataFunction:Function
displayNameFunction:Function
hasAll:Boolean
members:IList
OLAPAttribute()

OLAPAxisPosition ■

P: mx.olap
→ Object
[IOLAPAxisPosition](#)
members:IList
OLAPAxisPosition()

OLAPCell ■

P: mx.olap
→ Object
[IOLAPCell](#)
formattedValue:String
value:Number
OLAPCell()

OLAPCube

P: mx.olap
 → Proxy
 OLAPCube
 IEventDispatcher
 cubeBuildingTimeInterval:int
 dataProvider:ICollectionView
 dimensions:IList
 elements:Array
 measureDimensionName:String
 measures:IList
 name:String
 queryBuildingTimeInterval:int
 resultClass:Class
 addEventListener():void
 cancelQuery():void
 cancelRefresh():void
 dispatchEvent():Boolean
 execute():AsyncToken
 findDimension():IOLAPDimension
 hasEventListener():Boolean
 OLAPCube()
 refresh():void
 removeEventListener():void
 toString():String
 willTrigger():Boolean

OLAPDataGrid

P: mx.controls
 → AdvancedDataGrid
 COLUMN_AXIS:int
 dataProvider:Object
 defaultCellString:String
 headerRendererProviders:Array
 itemRendererProviders:Array
 OLAP_DIMENSION:int
 OLAP_HIERARCHY:int
 OLAP_LEVEL:int
 OLAP_MEMBER:int
 ROW_AXIS:int
 SLICER_AXIS:int
 styleFunction:Function
 getCellRendererInfo():OLAPDataGridItemRendererProvider
 getFormattedCellValue():String
 getIndent():int
 OLAPDataGrid()
 styleChanged():void

OLAPDataGridAutomationImpl

P: mx.automation.delegates.
 advancedDataGrid
 → AdvancedDataGridAutomationImpl
 automationTabularData:Object
 init():void
 OLAPDataGridAutomationImpl()

OLAPDataGridGroupRenderer

P: mx.controls.olapDataGrid
 Classes
 → UIComponent
 IDataRenderer
 IDropDownListItemRenderer
 IListItemRenderer
 data:Object
 label:UITextField
 listData:BaseListData
 OLAPDataGridGroupRenderer()

OLAPDataGridGroupRendererAutomationImpl

P: mx.automation.delegates.
 advancedDataGrid

→ UIComponentAutomationImpl
 init():void
 OLAPDataGridGroupRendererAutomationImpl()

OLAPDataGridHeaderRendererProvider

P: mx.controls.olapDataGrid
 Classes
 → OLAPDataGridItemRendererProvider
 headerWordWrap:

OLAPDataGridItemRendererProvider

P: mx.controls.olapDataGrid
 Classes
 → Object
 formatter:Formatter

OLAPDataGridRendererProvider

P: mx.controls.olapDataGrid
 Classes
 → Object
 factory:Factory
 styleName:String
 type:int
 uniqueName:String

OLAPDimension

P: mx.olap
 → OLAPElement
 IOLAPDimension
 attributes:IList
 cube:IOLAPCube
 defaultMember:IOLAPMember
 elements:Array
 hierarchies:IList
 isMeasure:Boolean
 members:IList
 findAttribute():IOLAPAttribute
 findHierarchy():IOLAPHierarchy
 findMember():IOLAPMember
 OLAPDimension()

OLAPElement

P: mx.olap
 → Proxy
 IOLAPElement
 dimension:IOLAPDimension
 displayName:String
 name:String
 uniqueName:String
 OLAPElement()
 toString():String

OLAPHierarchy

P: mx.olap
 → OLAPElement
 IOLAPHierarchy
 allMemberName:String
 children:IList
 defaultMember:IOLAPMember
 elements:Array
 hasAll:Boolean
 levels:IList
 members:IList
 name:String
 findLevel():IOLAPLevel
 findMember():IOLAPMember
 OLAPHierarchy()

OLAPLevel

P: mx.olap
 → OLAPElement
 IOLAPLevel
 attribute:OLAPAttribute
 attributeName:String
 child:IOLAPLevel
 dataField:String
 depth:int
 hierarchy:IOLAPHierarchy
 members:IList
 name:String
 parent:IOLAPLevel
 uniqueName:String
 findMember():IList
 OLAPLevel()

OLAPMeasure

P: mx.olap
 → OLAPMember
 aggregator:Object
 OLAPMeasure()

OLAPMember

P: mx.olap
 → OLAPElement
 IOLAPMeasure
 children:IList
 dataField:String
 dimension:IOLAPDimension
 hierarchy:IOLAPHierarchy
 isAll:Boolean
 isMeasure:Boolean
 level:IOLAPLevel
 parent:IOLAPMember
 uniqueName:String
 findChildMember():IOLAPMember
 OLAPMember()

OLAPQuery

P: mx.olap
 → Object
 IOLAPQuery
 axes:Array
 COLUMN_AXIS:int
 ROW_AXIS:int
 SLICER_AXIS:int
 getAxis():IOLAPQueryAxis
 setAxis():void

OLAPQueryAxis

P: mx.olap
 → Object
 IOLAPQueryAxis
 axisOrdinal:int
 sets:Array
 tuples:Array
 addMember():void
 addSet():void
 addTuple():void
 clear():void
 OLAPQueryAxis()

OLAPResult

P: mx.olap
 → Object
 IOLAPResult
 axes:Array
 cellData:Array
 COLUMN_AXIS:int
 query:IOLAPQuery
 ROW_AXIS:int
 SLICER_AXIS:int

getAxis():IOLAPResultAxis
 getCell():IOLAPCell
 hasRowData():Boolean

OLAPResultAxis

P: mx.olap
 → Object
 IOLAPResultAxis
 positions:IList
 addPosition():void
 removePosition():Boolean

OLAPSchema

P: mx.olap
 → Object
 IOLAPSchema
 cubeArray:Array
 cubes:IList
 createCube():IOLAPCube
 getCube():IOLAPCube

OLAPSet

P: mx.olap
 → Object
 IOLAPSet
 tuples:Array
 addElement():void
 addElements():void
 addTuple():void
 compareMembers():int
 crossJoin():IOLAPSet
 findCommonHierarchy():IOLAPHierarchy
 hierarchy():IOLAPSet
 sortTuple():int
 union():IOLAPSet

OLAPTrace

P: mx.olap
 → Object
 TRACE_LEVEL_1:int
 TRACE_LEVEL_2:int
 TRACE_LEVEL_3:int
 traceLevel:int
 traceOn:Boolean
 traceMsg():void

OLAPTuple

P: mx.olap
 → Object
 IOLAPTuple
 explicitMembers:IList
 addMember():void
 addMembers():void
 OLAPTuple():void

Operation

P: mx.rpc.remoting
 → AbstractOperation
 IMXMLSupport
 argumentNames:Array
 makeObjectsBindable:Boolean
 Operation():void
 send():AsyncToken

Operation

P: mx.rpc.soap.mxml
 → Operation
 IMXMLSupport
 concurrency:String
 showBusyCursor:Boolean
 cancel():AsyncToken
 Operation():void
 send():AsyncToken

Operation

P: mx.rpc.remoting.mxml
 → Operation
 IMXMLSupport
 concurrency:String
 showBusyCursor:Boolean
 cancel():AsyncToken
 send():AsyncToken

Operation

P: mx.rpc.soap
 → AbstractOperation
 endpointURI:String
 headerFormat:String
 headers:Array
 httpHeaders:Object
 ignoreWhitespace:Boolean
 makeObjectsBindable:Boolean
 request:Object
 resultFormat:String
 resultHeaders:Array
 xmlSpecialCharsFilter:Function
 addHeader():void
 addSimpleHeader():void
 cancel():AsyncToken
 clearHeaders():void
 getHeader():SOAPHeader
 Operation():void
 removeHeader():void

Orientation3D

P: flash.geom
 → Object
 AXIS_ANGLE:String
 EULER_ANGLES:String
 QUATERNION:String

OutputProgressEvent

P: flash.events
 → Event
 bytesPending:Number
 bytesTotal:Number
 OUTPUT_PROGRESS:String
 clone():Event
 OutputProgressEvent():void
 toString():String

Panel

P: mx.containers
 → Container
 IConstraintLayout
 IFontContextComponent
 closeButtonStyleFilters:Object
 constraintColumns:Array
 constraintRows:Array
 controlBar:UIComponent
 fontContext:IFlexModuleFactory
 layout:String
 status:String
 statusTextField:UITextField
 title:String
 titleBar:UIComponent
 titleIcon:Class
 titleTextField:UITextField
 getHeaderHeight():Number
 measure():void
 Panel():void
 startDragging():void
 stopDragging():void

PanelAutomationImpl

P: mx.automation.delegates.
 containers
 → ContainerAutomationImpl
 init():void
 PanelAutomationImpl()

PanelSkin

P: mx.skins.halo
 → HaloBorder

Parallel

P: mx.effects
 → CompositeEffect

ParallelInstance

P: mx.effects.effectClasses
 → CompositeEffectInstance
 end():void
 onEffectEnd():void
 ParallelInstance()

Pause

P: mx.effects
 → TweenEffect

PauseInstance

P: mx.effects.effectClasses
 → TweenEffectInstance

PerspectiveProjection

P: flash.geom
 → Object
 fieldOfView:Number
 focalLength:Number
 projectionCenter:Point
 toMatrix3D():Matrix3D

PhoneFormatter

P: mx.flash
 → Formatter
 areaCode:Object
 areaCodeFormat:String
 formatString:String
 validPatternChars:String
 format():String
 PhoneFormatter()

PhoneNumberValidator

P: mx.validators
 → Validator
 allowedFormatChars:String
 invalidCharError:String
 wrongLengthError:String
 doValidation():Array
 PhoneNumberValidator()
 validatePhoneNumber():Array

PieChart

P: mx.charts
 → PolarChart

PieSeries

P: mx.charts.series
 → Series
 angularAxis:IAxis
 explodeRadius:Number
 field:String
 fillFunction:Function
 items:Array
 itemType:Class
 labelField:String
 labelFunction:Function
 maxLabelRadius:Number
 nameField:String
 outerRadius:Number
 perWedgeExplodeRadius:Array
 renderDataType:Class
 reserveExplodeRadius:Number
 startAngle:Number
 beginInterpolation():Object
 commitProperties():void

createChildren():void
 dataToLocal():Point
 getElementBounds():void
 getMissingInterpolationValues():void
 interpolate():void
 localToData():Array
 PieSeries()
 updateDisplayList():void

PieSeriesAutomationImpl

P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 init():void
 PieSeriesAutomationImpl()

PieSeriesItem

P: mx.charts.series.items
 → ChartItem
 angle:Number
 fill:IFill
 innerRadius:Number
 labelAngle:Number
 number:Number
 origin:Point
 outerRadius:Number
 percentValue:Number
 startAngle:Number
 value:Object
 PieSeriesItem()

PieSeriesRenderData

P: mx.charts.series.renderData
 → RenderData
 itemSum:Number
 labelData:Object
 labelScale:Number
 PieSeriesRenderData()

PixelSnapping

P: flash.display
 → Object
 ALWAYS:String
 AUTO:String
 NEVER:String

PlotChart

P: mx.charts
 → CartesianChart

PlotSeries

P: mx.charts.series
 → Series
 fillFunction:Function
 horizontalAxis:IAxis
 items:Array
 itemType:Class
 renderData:Object
 renderDataType:Class
 verticalAxis:IAxis
 xField:String
 yField:String
 applyItemRendererProperties():void
 commitProperties():void
 PlotSeries():void

PlotSeriesAutomationImpl

P: mx.automation.delegates.charts
 → SeriesAutomationImpl
 init():void
 PlotSeriesAutomationImpl()

PlotSeriesItem

P: mx.charts.series.items
 → ChartItem
 fill:IFill

radius:Number
 x:Number
 xFilter:Number
 xNumber:Number
 xValue:Object
 y:Number
 yFilter:Number
 yNumber:Number
 yValue:Object
 PlotSeriesItem()

PlotSeriesRenderData

P: mx.charts.series.renderData
 → RenderData
 radius:Number
 PlotSeriesRenderData()

PNGEncoder

P: mx.graphics.codec
 → Object
 IImageEncoder
 contentType:String
 encode():ByteArray
 encodeByteArray():ByteArray
 PNGEncoder()

Point

P: flash.geom
 → Object
 length:Number
 x:Number
 y:Number
 add():Point
 clone():Point
 distance():Number
 equals():Boolean
 interpolate():Point
 normalize():void
 offset():void
 Point()
 polar():Point
 subtract():Point
 toString():String

PolarChart

P: mx.charts.chartClasses
 → ChartBase
 angularAxis:IAxis
 dataRegion:Rectangle
 radialAxis:IAxis
 commitProperties():void
 getFirstItem():ChartItem
 getLastItem():ChartItem
 getNextItem():ChartItem
 getPreviousItem():ChartItem
 PolarChart()
 updateDisplayList():void

PolarDataCanvas

P: mx.charts.chartClasses
 → ChartElement
 angularAxis:IAxis
 dataTransform:DataTransform
 includeInRanges:Boolean
 radialAxis:IAxis
 totalValue:Number
 addChild():DisplayObject
 addChildAt():DisplayObject
 addDataChild():void
 beginBitmapFill():void
 beginFill():void
 clear():void
 commitProperties():void
 curveTo():void

describeData():Array
 drawCircle():void
 drawEllipse():void
 drawRect():void
 drawRoundedRect():void
 endFill():void
 invalidateData():void
 invalidateDisplayList():void
 lineStyle():void
 lineTo():void
 mappingChanged():void
 moveTo():void
 PolarDataCanvas()
 removeAllChildren():void
 removeChild():DisplayObject
 removeChildAt():DisplayObject
 stripNaNs():void
 updateDataChild():void
 updateDisplayList():void
 updateFilter():void
 validateData():void
 validateTransform():Boolean

PolarTransform ■
 P: mx.charts.chartClasses
 → Data Transform
[ANGULAR_AXIS:String](#)
[origin:Point](#)
[RADIAL_AXIS:String](#)
[radius:Number](#)
 PolarTransform()
 setSize():void
 transformCache():void

PollingChannel ■
 P: mx.messaging.channels
 → Channel
 disablePolling():void
 enablePolling():void
 poll():void
 PollingChannel()

PopUpButton ■
 P: mx.controls
 → Button
[openAlways:Boolean](#)
[popUp:UIComponent](#)
 close():void
 open():void
 PopUpButton()

PopUpButtonAutomationImpl ■
 P: mx.automation.delegates.
 controls
 → ButtonAutomationImpl
 init():void
 PopUpButtonAutomationImpl()

PopUpButtonSkin ■
 P: mx.skins.halo
 → UIComponent
IProgrammaticSkin

PopUpIcon ■
 P: mx.skins.halo
 → ProgrammaticSkin

PopUpManager ■
 P: mx.managers
[addPopUp\(\):void](#)
[bringToFront\(\):void](#)
[centerPopUp\(\):void](#)
[createPopUp\(\):IFlexDisplayObject](#)
[removePopUp\(\):void](#)

PopUpManagerChildList ■
 P: mx.managers
 → Object
[APPLICATION:String](#)
[PARENT:String](#)
[POPUP:String](#)

PopUpMenuButton ■
 P: mx.controls
 → PopUpButton
[dataDescriptor:IMenuDataDescriptor](#)
[dataProvider:Object](#)
[labelField:String](#)
[labelFunction:Function](#)
[popUp:UIComponent](#)
[showRoot:Boolean](#)
 PopUpMenuButton()

PopUpMenuIcon ■
 P: mx.skins.halo
 → PopUpIcon

Preloader ■
 P: mx.preloaders
 → Sprite
 initialize():void
 Preloader()
 registerApplication()

PrintAdvancedDataGrid ■
 P: mx.printing
 → AdvancedDataGrid
[allowInteraction:Boolean](#)
[currentPageHeight:Number](#)
[displayCons:Boolean](#)
[originalHeight:Number](#)
[validNextPage:Boolean](#)
[validPreviousPage:Boolean](#)
[moveToFirstPage\(\):void](#)
[nextPage\(\):void](#)
[previousPage\(\):void](#)
[PrintAdvancedDataGrid\(\):void](#)

PrintDataGrid ■
 P: mx.printing
 → DataGrid
[currentPageHeight:Number](#)
[originalHeight:Number](#)
[sizeToPage:Boolean](#)
[validNextPage:Boolean](#)
[validPreviousPage:Boolean](#)
[moveToFirstPage\(\):void](#)
[nextPage\(\):void](#)
[previousPage\(\):void](#)
[PrintDataGrid\(\):void](#)

PrintJob ■
 P: flash.printing
 → EventDispatcher
[orientation:String](#)
[pageHeight:int](#)
[pageWidth:int](#)
[paperHeight:int](#)
[paperWidth:int](#)
[addPage\(\):void](#)
 PrintJob()
 send():void
 start():Boolean

PrintJobOptions ■
 P: flash.printing
 → Object
[printAsBitmap:Boolean](#)
 PrintJobOptions()

PrintJobOrientation ■
 P: flash.printing
 → Object
[LANDSCAPE:String](#)
[PORTRAIT:String](#)

PrintOLAPDataGrid ■
 P: mx.printing
 → OLAPDataGrid
[allowInteraction:Boolean](#)
[currentPageHeight:Number](#)
[originalHeight:Number](#)
[sizeToPage:Boolean](#)
[source:OLAPDataGrid](#)
[validNextPage:Boolean](#)
[validPreviousPage:Boolean](#)
[moveToFirstPage\(\):void](#)
[nextPage\(\):void](#)
[previousPage\(\):void](#)
 PrintOLAPDataGrid()

ProgrammaticSkin ■
 P: mx.skins
 → FlexShape
IFlexDisplayObject
IInvalidating
ILayoutManagerClient
ISimpleStyleClient
IProgrammaticSkin
 initialized:Boolean
[measuredHeight:Number](#)
[measuredWidth:Number](#)
[nestLevel:int](#)
[processedDescriptors:Boolean](#)
[styleName:Object](#)
[updateCompletePendingFlag:Boolean](#)
[drawRoundRect\(\):void](#)
[getStyle\(\):*](#)
[horizontalGradientMatrix\(\):Matrix](#)
[invalidateDisplayList\(\):void](#)
[invalidateProperties\(\):void](#)
[invalidateSize\(\):void](#)
[move\(\):void](#)
 ProgrammaticSkin()
[rotatedGradientMatrix\(\):Matrix](#)
[setActualSize\(\):void](#)
[styleChanged\(\):void](#)
[updateDisplayList\(\):void](#)
[validateDisplayList\(\):void](#)
[validateNow\(\):void](#)
[validateProperties\(\):void](#)
[validateSize\(\):void](#)
[verticalGradientMatrix\(\):Matrix](#)

ProgressBar ■
 P: mx.controls
 → UIComponent
IFontContextComponent
[conversion:Number](#)
[direction:String](#)
[indeterminate:Boolean](#)
[label:String](#)
[labelPlacement:String](#)
[maximum:Number](#)
[minimum:Number](#)
[mode:String](#)
[percentComplete:Number](#)
[source:Object](#)
[value:Number](#)
 ProgressBar()
 setProgress():void

ProgressBarAutomationImpl ■
 P: mx.automation.delegates.
 controls
 → UIComponentAutomationImpl
 init():void
 ProgressBarAutomationImpl()

ProgressBarDirection ■
 P: mx.controls
 → Object
[LEFT:String](#)
[RIGHT:String](#)

ProgressBarLabelPlacement ■
 P: mx.controls
 → Object
[BOTTOM:String](#)
[CENTER:String](#)
[LEFT:String](#)
[RIGHT:String](#)
[TOP:String](#)

ProgressBarMode ■
 P: mx.controls
 → Object
[EVENT:String](#)
[MANUAL:String](#)
[POLLED:String](#)

ProgressBarSkin ■
 P: mx.skins.halo
 → Border

ProgressEvent ■
 P: flash.events
 → Event
[bytesLoaded:Number](#)
[bytesTotal:Number](#)
[PROGRESS:String](#)
[SOCKET_DATA:String](#)
 clone():Event
 ProgressEvent()
 toString():String

ProgressIndeterminateSkin ■
 P: mx.skins.halo
 → Border

ProgressMaskSkin ■
 P: mx.skins.halo
 → ProgrammaticSkin

ProgressTrackSkin ■
 P: mx.skins.halo
 → Border

PropertyChangeEvent ■
 P: mx.events
 → Event
[kind:String](#)
[newValue:Object](#)
[oldValue:Object](#)
[property:Object](#)
[PROPERTY_CHANGE:String](#)
[source:Object](#)
[createUpdateEvent\(\):PropertyChangeEvent](#)
 PropertyChangeEvent()

PropertyChangeEventKind ■
 P: mx.events
 → Object
[DELETE:String](#)
[UPDATE:String](#)

PropertyChanges ■
 P: mx.effects.effectClasses
 → Object
[end:Object](#)
[start:Object](#)
[target:Object](#)
 PropertyChanges()

Proxy ■
 P: flash.utils
 → Object
 callProperty():*
 deleteProperty():Boolean
 getDescendants():*
 getProperty():*
 hasProperty():Boolean
 isAttribute():Boolean
 nextName():String
 nextNameIndex():int
 nextValue():*
 setProperty():void

QName ■
 P: Top Level
 → Object
[localName:String](#)
[uri:String](#)
 QName()
 toString():String
 valueOf():QName

Quadratic ■
 P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

QualifiedResourceManager ■
 P: mx.rpc.xml
 → Object
[resources:Array](#)
[resourcesMap:Object](#)
 addResource():void
 getResources():Array
 getResourcesForNamespace():Array
 getResourcesForURI():Array
 QualifiedResourceManager()

Quartic ■
 P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

Quintic ■
 P: mx.effects.easing
 → Object
[easeIn\(\):Number](#)
[easeInOut\(\):Number](#)
[easeOut\(\):Number](#)

RadialGradient ■
 P: mx.graphics
 → GradientBase
IFill
[angle:Number](#)
[focalPointRatio:Number](#)
 begin():void
 end():void
 RadialGradient()

RadioButton ■
 P: mx.controls
 → Button
IFocusManagerGroup
[group:RadioButtonGroup](#)
[groupName:String](#)
[labelPlacement:String](#)
[value:Object](#)
 RadioButton()

RadioButtonAutomationImpl ■
 P: mx.automation.delegates.
 controls
 → ButtonAutomationImpl
 init():void
 RadioButtonAutomationImpl()

RadioButtonGroup ■
 P: mx.controls
 → EventDispatcher
IMXMLObject
[enabled:Boolean](#)
[labelPlacement:String](#)
[numRadioButtons:int](#)
[selectedValue:Object](#)
[selection:RadioButton](#)
[getRadioButtonAt\(\):RadioButton](#)
 initialized():void
 RadioButtonGroup()

RadioButtonIcon ■
 P: mx.skins.halo
 → Border

RangeError ■
 P: Top Level
 → Error
 RangeError()

Rectangle ■
 P: flash.geom
 → Object
[bottom:Number](#)
[bottomRight:Point](#)
[height:Number](#)
[left:Number](#)
[right:Number](#)
[size:Point](#)
[top:Number](#)
[topLeft:Point](#)
[width:Number](#)
[x:Number](#)
[y:Number](#)
 clone():Rectangle
 contains():Boolean
 containsPoint():Boolean
 containsRect():Boolean
 equals():Boolean
 inflate():void
 inflatePoint():void
 intersection():Rectangle
 intersects():Boolean
 isEmpty():Boolean
 offset():void
 offsetPoint():void
 Rectangle()
 setEmpty():void
 toString():String
 union():Rectangle

RectangularBorder ■
 P: mx.skins
 → Border
IRectangularBorder

[backgroundImageBounds:Rectangle](#)
[hasBackgroundImage:Boolean](#)
[layoutBackgroundImage\(\):void](#)
 RectangularBorder()

RectangularDropShadow ■
 P: mx.graphics
 → Object
[alpha:Number](#)
[angle:Number](#)
[blRadius:Number](#)
[brRadius:Number](#)
[color:int](#)
[distance:Number](#)
[tlRadius:Number](#)
[trRadius:Number](#)
[drawShadow\(\):void](#)
 RectangularDropShadow()

ReferenceError ■
 P: Top Level
 → Error
 ReferenceError()

RegExp ■
 P: Top Level
 → Object
[dotall:Boolean](#)
[extended:Boolean](#)
[global:Boolean](#)
[ignoreCase:Boolean](#)
[lastIndex:Number](#)
[multiline:Boolean](#)
[source:String](#)
 exec():Object
 RegExp()
 test():Boolean

RegExpValidationResult ■
 P: mx.validators
 → Validator
[matchedIndex:int](#)
[matchedString:String](#)
[matchedSubstrings:Array](#)
 RegExpValidationResult()

RegExpValidator ■
 P: mx.validators
 → ValidationResult
[expression:String](#)
[flags:String](#)
[noExpressionError:String](#)
[noMatchError:String](#)
[doValidation\(\):Array](#)
 RegExpValidator():void

RemoteObject ■
 P: mx.rpc.remoting
 → AbstractService
[makeObjectsBindable:Boolean](#)
[source:String](#)
[getOperation\(\):AbstractOperation](#)
 RemoteObject()
[setRemoteCredentials\(\):void](#)
 toString():String

RemoteObject ■
 P: mx.rpc.remoting.mxml
 → RemoteObject
IMXMLSupport
IMXMLObject
[concurrency:String](#)
[endpoint:String](#)

[showBusyCursor:Boolean](#)
[getOperation\(\):AbstractOperation](#)
 initialized():void
 RemoteObject():void

RemotingMessage ■
 P: mx.messaging.messages
 → AbstractMessage
[operation:String](#)
[source:String](#)
 RemotingMessage()

RemoveChild ■
 P: mx.states
 → Object
IOverride
[target:DisplayObject](#)
 apply():void
 initialize():void
 remove():void
 RemoveChild()

RemoveChildAction ■
 P: mx.effects
 → Effect

RemoveChildActionInstance ■
 P: mx.effects.effectClasses
 → ActionEffectInstance

RemoveItemAction ■
 P: mx.effects
 → Effect

RemoveItemActionInstance ■
 P: mx.effects.effectClasses
 → ActionEffectInstance

RenderData ■
 P: mx.charts.chartClasses
 → Effect
[bounds:Rectangle](#)
[cache:Array](#)
[elementBounds:Array](#)
[filteredCache:Array](#)
[length:uint](#)
[visibleRegion:Rectangle](#)
 clone():RenderData
 RenderData()

RenderingMode ■
 P: flash.text.engine
 → Object
[NORMAL:String](#)
[CFF:String](#)

Repeater ■
 P: mx.core
 → UIComponent
IRepeater
[childDescriptors:Array](#)
[container:IContainer](#)
[count:int](#)
[currentIndex:int](#)
[currentItem:Object](#)
[dataProvider:Object](#)
[recycleChildren:Boolean](#)
[startIndex:int](#)
[executeChildBindings\(\):void](#)
 initializeRepeater():void
 Repeater()

RepeaterAutomationImpl ■

P: mx.automation.delegates.core
 → UIComponentAutomationImpl
 automationTabularData:Object
 init():void
 RepeaterAutomationImpl()
 p:UIComponentAutomationImpl

Resize ■

P: mx.effects
 → TweenEffect
 heightBy:Number
 heightFrom:Number
 heightTo:Number
 hideChildrenTargets:Array
 widthBy:Number
 widthFrom:Number
 widthTo:Number
 Resize()

ResizeEvent ■

P: mx.events
 → Event
 oldHeight:Number
 oldWidth:Number
 RESIZE:String
 ResizeEvent()

ResizeInstance ■

P: mx.effects.effectClasses
 → TweenEffectInstance
 heightBy:Number
 heightFrom:Number
 heightTo:Number
 hideChildrenTargets:Array
 widthBy:Number
 widthFrom:Number
 widthTo:Number
 ResizeInstance()

ResourceBundle ■

P: mx.resources
 → Object
 IResourceBundle
 bundleName:String
 content:Object
 locale:String
 getContent():Object
 ResourceBundle()

ResourceEvent ■

P: mx.events
 → ProgressEvent
 COMPLETE:String
 ERROR:String
 errorText:String
 PROGRESS:String
 ResourceEvent()

ResourceManager ■

P: mx.resources
 → EventDispatcher
 localeChain:Array
 addResourceBundle():void
 findResourceBundleWithResource():IResourceBundle
 getBoolean():Boolean
 getBundleNamesForLocale():Array
 getClass():Class
 getInstance():IResourceManager
 getInt():int
 getLocales():Array
 getNumber():Number
 getObject():*
 getResourceBundle():IResourceBundle

getString():String
 getStringArray():Array
 getUint():uint
 loadResourceModule():IEventDispatcher
 removeResourceBundle():void
 removeResourceBundlesForLocale():void
 ResourceManager()
 unloadResourceModule():void
 update():void

ResourceManagerImpl ■

P: mx.resources
 → EventDispatcher
 IResourceManager
 localeChain:Array
 ResourceManagerImpl()
 addResourceBundle():void
 findResourceBundleWithResource():void
 getBoolean():Boolean
 getBundleNameForLocale():Array
 getClass():Class
 getInstance():IResourceManager
 getInt():int
 getLocales():Array
 getNumber():Number
 getObject():*
 getResourceBundle():IResourceBundle
 getString():String
 getStringArray():Array
 getUint():uint
 loadResourceModule():IEventDispatcher
 removeResourceBundle():void
 removeResourceBundlesForLocale():void
 unloadResourceModule():void
 update():void

Responder

P: flash.net
 → Object

Responder ■

P: mx.rpc
 → Object
 IResponder
 fault():void
 Responder():void
 result():void

ResultEvent ■

P: mx.rpc.events
 → AbstractEvent
 headers:Object
 RESULT:String
 result:Object
 ResultEvent()
 toString():String

RevocationCheckSettings ■

P: flash.security
 → Object
 ALWAYS_REQUIRED:*
 BEST_EFFORT:*
 NEVER:*
 REQUIRED_IF_AVAILABLE:*

RichTextEditor ■

P: mx.controls
 → Panel
 defaultLinkProtocol:String
 htmlText:String

selection:TextRange
 showControlBar:Boolean
 showToolTips:Boolean
 text:String

Rotate ■

P: mx.effects
 → TweenEffect
 angleFrom:Number
 angleTo:Number
 hideFocusRing:Boolean
 originX:Number
 originY:Number
 Rotate()

RotateInstance ■

P: mx.effects.effectClasses
 → TweenEffectInstance
 angleFrom:Number
 angleTo:Number
 originX:Number
 originY:Number
 RotateInstance()

RoundedRectangle ■

P: mx.graphics
 → Rectangle
 cornerRadius:Number
 RoundedRectangle()

RSLEvent ■

P: mx.events
 → ProgressEvent
 errorText:String
 RSL_COMPLETE:String
 RSL_ERROR:String
 RSL_PROGRESS:String
 rslIndex:int
 rslTotal:int
 url:URLRequest
 RSLEvent()

Sample

P: flash.sampler
 → Object
 stack:Array
 time:Number

SampleDataEvent

P: flash.events
 → Event
 data:ByteArray
 position:Number
 SAMPLE_DATA:String
 clone():Event
 toString():String

Scene

P: flash.display
 → Object
 labels:Array
 name:String
 numFrames:int

SchemaTypeRegistry ■

P: mx.rpc.xml
 → Object
 getClass():Class
 getCollectionClass():Class
 getInstance():SchemaTypeRegistry
 registerClass():void
 registerCollectionClass():void
 unregisterClass():void
 unregisterCollectionClass():void

Screen ●

P: flash.display
 → EventDispatcher
 bounds:Rectangle
 colorDepth:int
 mainScreen:Screen
 screens:Array
 visibleBounds:Rectangle
 getScreensForRectangle():Array

ScreenMouseEvent ●

P: flash.events
 → MouseEvent
 screenX:Number
 screenY:Number
 clone():Event
 ScreenMouseEvent()
 toString():String

ScriptTimeoutError

P: flash.errors
 → Error
 ScriptTimeoutError()

ScrollArrowSkin ■

P: mx.skins.halo
 → Border

ScrollBar ■

P: mx.controls.scrollClasses
 → UIComponent
 direction:String
 downArrowStyleFilters:Object
 lineScrollSize:Number
 maxScrollPosition:Number
 minScrollPosition:Number
 pageScrollSize:Number
 pageSize:Number
 scrollPosition:Number
 THICKNESS:Number
 thumbStyleFilters:Object
 upArrowStyleFilters:Object
 ScrollBar()
 setScrollProperties():void

ScrollBarAutomationImpl ■

P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
 init():void
 ScrollBarAutomationImpl()

ScrollBarDirection ■

P: mx.controls.scrollClasses
 → Object
 HORIZONTAL:String
 VERTICAL:String

ScrollControlBase ■

P: mx.core
 → UIComponent
 border:IFlexDisplayObject
 borderMetrics:EdgeMetrics
 horizontalScrollBar:ScrollBar
 horizontalScrollPolicy:String
 horizontalScrollPosition:Number
 liveScrolling:Boolean
 maskShape:Shape
 maxHorizontalScrollPosition:Number
 maxVerticalScrollPosition:Number
 scrollAreaChanged:Boolean
 scrollTipFunction:Function
 showScrollTips:Boolean
 verticalScrollBar:ScrollBar
 verticalScrollPolicy:String

verticalScrollPosition:Number
 viewMetrics:EdgeMetrics
 createBorder():void
 createChildren():void
 layoutChrome():void
 mouseWheelHandler():void
 roomForScrollBar():Boolean
 ScrollControlBase()
 scrollHandler():void
 setScrollBarProperties():void

ScrollControlBaseAutomationImpl ■

P: mx.automation.delegates.core
 → UIComponentAutomationImpl
 init():void
 replayAutomatableEvent():Boolean
 ScrollControlBaseAutomationImpl()

ScrollEvent ■

P: mx.events
 → Event
 delta:Number
 detail:String
 direction:String
 position:Number
 SCROLL:String
 ScrollEvent()

ScrollEventDetail ■

P: mx.events
 → Object
 AT_BOTTOM:String
 AT_LEFT:String
 AT_RIGHT:String
 AT_TOP:String
 LINE_DOWN:String
 LINE_LEFT:String
 LINE_RIGHT:String
 LINE_UP:String
 PAGE_DOWN:String
 PAGE_LEFT:String
 PAGE_RIGHT:String
 PAGE_UP:String
 THUMB_POSITION:String
 THUMB_TRACK:String

ScrollEventDirection ■

P: mx.events
 → Object
 HORIZONTAL:String
 VERTICAL:String

ScrollPolicy ■

P: mx.core
 → Object
 AUTO:String
 OFF:String
 ON:String

ScrollThumb ■

P: mx.controls.scrollClasses
 → Button

ScrollThumbSkin ■

P: mx.skins.halo
 → Border

ScrollTrackSkin ■

P: mx.skins.halo
 → Border

SecureAMFChannel ■

P: mx.messaging.channels
 → PollingChannel
 protocol:String
 SecureAMFChannel()

SecureHTTPChannel ■

P: mx.messaging.channels
 → PollingChannel
 protocol:String
 SecureHTTPChannel()

SecureStreamingAMFChannel ■

P: mx.messaging.channels
 → StreamingAMFChannel
 protocol:String
 SecureStreamingAMFChannel()

SecureStreamingHTTPChannel ■

P: mx.messaging.channels
 → StreamingHTTPChannel
 protocol:String
 SecureStreamingHTTPChannel()

Security

P: flash.system
 → Object
 APPLICATION:String
 exactSettings:Boolean
 LOCAL_TRUSTED:String
 LOCAL_WITH_FILE:String
 LOCAL_WITH_NETWORK:String
 REMOTE:String
 sandboxType:String
 allowDomain():void
 allowInsecureDomain():void
 loadPolicyFile():void
 showSettings():void

SecurityDomain

P: flash.system
 → Object
 currentDomain:SecurityDomain

SecurityError

P: Top Level
 → Error
 SecurityError():void

SecurityErrorEvent

P: flash.events
 → ErrorEvent
 SECURITY_ERROR:String
 clone():Event
 SecurityErrorEvent()
 toString():String

SecurityPanel

P: flash.system
 → Object
 CAMERA:String
 DEFAULT:String
 DISPLAY:String
 LOCAL_STORAGE:String
 MICROPHONE:String
 PRIVACY:String
 SETTINGS_MANAGER:String

Sequence ■

P: mx.effects
 → CompositeEffect

SequenceInstance ■

P: mx.effects.effectClasses
 → CompositeEffectInstance
 end():void
 onEffectEnd():void
 SequenceInstance()

Series ■

P: mx.charts.chartClasses
 → ChartElement
 dataFunction:Function
 dataTipItems:Array
 dataTransform:DataTransform
 displayName:String
 filterData:Boolean
 interactive:Boolean
 items:Array
 legendData:Array
 renderData:Object
 selectable:Boolean
 selectedIndex:int
 selectedIndices:Array
 selectedItem:ChartItem
 selectedItems:Array
 transitionRenderData:Object
 beginInterpolation():Object
 cacheDefaultValues():Boolean
 cacheIndexValues():Boolean
 cacheNamedValues():Boolean
 claimStyles():uint
 commitProperties():void
 endInterpolation():void
 extractMinInterval():void
 extractMinMax():void
 getAxis():IAxis
 getElementBounds():void
 getItemsInRegion():Array
 getMissingInterpolationValues():void
 getRenderDataForTransition():Object
 initializeInterpolationData():Object
 interpolate():void
 invalidateData():void
 invalidateFilter():void
 invalidateMapping():void
 invalidateTransform():void
 invalidateTransitions():void
 legendDataChanged():void
 Series()
 setActualSize():void
 setAxis():void
 stripNaNs():void
 stylesInitialized():void
 updateData():void
 updateDisplayList():void
 updateFilter():void
 updateMapping():void
 updateTransform():void
 validateData():void
 validateTransform():void

SeriesSlide ■

P: mx.charts.effects
 → SeriesEffect
 direction:String
 initInstance():void
 SeriesSlide()

SeriesSlideInstance ■

P: mx.charts.effects.effectClasses
 → SeriesEffectInstance
 direction:String
 SeriesSlideInstance()

SeriesZoom ■

P: mx.charts.effects
 → SeriesEffect
 horizontalFocus:String
 relativeTo:String
 verticalFocus:String
 SeriesZoom()

SeriesZoomInstance ■

P: mx.charts.effects.effectClasses
 → SeriesEffectInstance
 horizontalFocus:String
 relativeTo:String
 verticalFocus:String
 SeriesZoomInstance()

ServerConfig ●

P: mx.messaging.config
 → Object
 xml:XML
 checkChannelConsistency():void
 getChannel():Channel
 getChannelSet():ChannelSet
 getProperties():XMLList

ServiceMonitor ●

P: air.net
 → EventDispatcher
 available:Boolean
 lastUpdated:Date
 pollInterval:Number
 running:Boolean
 augmentPrototype():void
 checkStatus():void
 ServiceMonitor()
 start():void
 stop():void
 toString():String

ServiceMonitor ●

P: air.net
 → EventDispatcher
 available:Boolean
 lastUpdated:Date
 pollInterval:Number
 running:Boolean
 augmentPrototype():void
 checkStatus():void
 ServiceMonitor()
 start():void
 stop():void
 toString():String

ServiceMonitor ●

P: air.net
 → EventDispatcher
 available:Boolean
 lastUpdated:Date
 pollInterval:Number
 running:Boolean
 augmentPrototype():void
 checkStatus():void
 ServiceMonitor()
 start():void
 stop():void
 toString():String

ServiceMonitor ●

P: air.net
 → EventDispatcher
 available:Boolean
 lastUpdated:Date
 pollInterval:Number
 running:Boolean
 augmentPrototype():void
 checkStatus():void
 ServiceMonitor()
 start():void
 stop():void
 toString():String

<p>SetEventHandler ■ P: mx.states → EventDispatcher <i>IOVERRIDE</i> handlerFunction:Function name:String target:EventDispatcher apply():void initialize():void remove():void SetEventHandler()</p> <p>SetProperty ■ P: mx.states → Object <i>IOVERRIDE</i> name:String target:Object value: apply():void initialize():void remove():void SetProperty()</p> <p>SetPropertyAction ■ P: mx.effects → Effect name:String value: SetPropertyAction() k Effect</p> <p>SetPropertyActionInstance ■ P: mx.effects.effectClasses → ActionEffectInstance name:String value:* SetPropertyActionInstance()</p> <p>SetStyle ■ P: mx.states → Object <i>IOVERRIDE</i> name:String target:IStyleClient value:Object apply():void initialize():void remove():void SetStyle()</p> <p>SetStyleAction ■ P: mx.effects → Effect name:String relevantStyles:Array value: SetStyleAction()</p> <p>SetStyleActionInstance ■ P: mx.effects.effectClasses → ActionEffectInstance name:String value:* SetStyleActionInstance()</p> <p>SHA256 ■ P: mx.utils → Object <u>TYPE_ID:String = "SHA-256"</u> computerDigest():String</p> <p>Shader P: flash.display → Object</p>	<p>byteCode:ByteArray data:ShaderData precisionHint:String</p> <p>ShaderData P: flash.display → Object ShaderData()</p> <p>ShaderEvent P: flash.events → Event bitmapData:BitmapData byteArray:ByteArray <u>COMPLETE:String</u> vector:Vector.<Number> clone():Event toString():String</p> <p>ShaderFilter P: flash.filters → BitmapFilter bottomExtension:int leftExtension:int rightExtension:int shader:Shader topExtension:int</p> <p>ShaderInput P: flash.display → Object channels:int height:int index:int input:Object width:int</p> <p>ShaderJob P: flash.display → EventDispatcher height:int progress:Number shader:Shader target:Object width:int cancel():void start():void</p> <p>ShaderParameter P: flash.display → Object index:int type:String value:Array</p> <p>ShaderParameterType P: flash.display → Object <u>BOOL:String</u> <u>BOOL2:String</u> <u>BOOL3:String</u> <u>BOOL4:String</u> <u>FLOAT:String</u> <u>FLOAT2:String</u> <u>FLOAT3:String</u> <u>FLOAT4:String</u> <u>INT:String</u> <u>INT2:String</u> <u>INT3:String</u> <u>INT4:String</u> <u>MATRIX2X2:String</u> <u>MATRIX3X3:String</u> <u>MATRIX4X4:String</u></p>	<p>ShaderPrecision P: flash.display → Object <u>FAST:String</u> <u>FULL:String</u></p> <p>ShadowBoxItemRenderer ■ → ProgrammaticSkin P: mx.charts.renderers <i>IDataRenderer</i> data:Object ShadowBoxItemRenderer()</p> <p>ShadowLineRenderer ■ P: mx.charts.renderers → ProgrammaticSkin <i>IDataRenderer</i> data:Object ShadowLineRenderer()</p> <p>Shape P: flash.display → Display Object graphics:Graphics Shape()</p> <p>SharedObject P: flash.net → EventDispatcher client:Object data:Object <u>defaultObjectEncoding:uint</u> fps:Number objectEncoding:uint size:uint clear():void close():void connect():void flush():String getLocal():SharedObject getRemote():SharedObject send():void setDirty():void setProperty():void</p> <p>SharedObjectFlushStatus P: flash.net → Object <u>FLUSHED:String</u> <u>PENDING:String</u></p> <p>SignatureStatus ● P: flash.security → Object <u>INVALID:String</u> <u>UNKNOWN:String</u> <u>VALID:String</u></p> <p>SignerTrustSettings ● P: flash.security → Object <u>CODE_SIGNING:String</u> <u>PLAYLIST_SIGNING:String</u> <u>SIGNING:String</u></p> <p>SimpleButton P: flash.display → InteractiveObject downState:DisplayObject enabled:Boolean hitTestState:DisplayObject overState:DisplayObject soundTransform:SoundTransform trackAsMenu:Boolean</p>	<p>upState:DisplayObject useHandCursor:Boolean SimpleButton()</p> <p>SimpleXMLDecoder ■ P: mx.rpc.xml → Object decodeXML():Object getLocalName():String simpleType():Object</p> <p>SimpleXMLEncoder ■ P: mx.rpc.xml → Object <u>encodeDate():String</u> <u>encodeValue():XMLNode</u> SimpleXMLEncoder()</p> <p>Sine ■ P: mx.effects.easing → Object easeIn():Number easeInOut():Number easeOut():Number</p> <p>Slider ■ P: mx.controls.sliderClasses → UIComponent allowThumbOverlap:Boolean allowTrackClick:Boolean dataTipFormatFunction:Function direction:String labels:Array liveDragging:Boolean maximum:Number minimum:Number showDataTip:Boolean sliderDataTipClass:Class sliderThumbClass:Class tickInterval:Number tickValues:Array value:Number values:Array getThumbAt():SliderThumb measure():void setThumbValueAt():void Slider() updateDisplayList():void</p> <p>SliderAutomationImpl ■ P: mx.automation.delegates. controls → UIComponentAutomationImpl init():void SliderAutomationImpl()</p> <p>SliderDataTip ■ P: mx.controls.sliderClasses → ToolTip</p> <p>SliderDirection ■ P: mx.controls.sliderClasses → Object <u>HORIZONTAL:String</u> <u>VERTICAL:String</u></p> <p>SliderEvent ■ P: mx.events → Event <u>CHANGE:String</u> clickTarget:String keyCode:int</p>	<p><u>THUMB_DRAG:String</u> <u>THUMB_PRESS:String</u> <u>THUMB_RELEASE:String</u> thumbIndex:int triggerEvent:Event value:Number SliderEvent()</p> <p>SliderEventClickTarget ■ P: mx.events → Object <u>THUMB:String</u> <u>TRACK:String</u></p> <p>SliderHighlightSkin ■ P: mx.skins.halo → Border</p> <p>SliderLabel ■ P: mx.controls.sliderClasses → Label</p> <p>SliderThumb ■ P: mx.controls.sliderClasses → Button <u>xPosition:Number</u> SliderThumb()</p> <p>SliderThumbSkin ■ P: mx.skins.halo → Border drawThumbState():void SliderThumbSkin()</p> <p>SliderTrackSkin ■ P: mx.skins.halo → Border</p> <p>SOAPFault ■ P: mx.rpc.soap → Fault <u>detail:String</u> element:XML faultactor:String faultcode:QName faultstring:String SOAPFault() toString():String</p> <p>SOAPHeader ■ P: mx.rpc.soap → Object content:Object <u>mustUnderstand:Boolean</u> qname:QName role:String SOAPHeader()</p> <p>SOAPMessage ■ P: mx.messaging.messages → HTTPRequestMessage <u>SOAP_ACTION_HEADER:String</u> getSOAPAction():String SOAPMessage()</p> <p>SocialSecurityValidator ■ P: mx.validators → Validator allowedFormatChars:String invalidCharError:String wrongFormatError:String zeroStartError:String doValidation():Array SocialSecurityValidator() <u>validateSocialSecurity():Array</u></p>	<p>Socket P: flash.net → EventDispatcher <i>IDataInput</i> <i>IDataOutput</i> bytesAvailable:uint connected:Boolean endian:String objectEncoding:uint close():void connect():void flush():void readBoolean():Boolean readByte():int readBytes():void readDouble():Number readFloat():Number readInt():int readMultiByte():String readObject():* readShort():int readUnsignedByte():uint readUnsignedInt():uint readUnsignedShort():uint readUTF():String readUTFBytes():String Socket() writeBoolean():void writeByte():void writeBytes():void writeDouble():void writeFloat():void writeInt():void writeMultiByte():void writeObject():void writeShort():void writeUnsignedInt():void writeUTF():void writeUTFBytes():void</p> <p>SocketMonitor ● P: air.net → ServiceMonitor host:String port:int checkStatus():void SocketMonitor() toString():String</p> <p>SolidColor ■ P: mx.graphics → EventDispatcher <i>IFill</i> alpha:Number color:uint begin():void end():void SolidColor()</p> <p>Sort ● P: mx.collections → EventDispatcher <u>ANY_INDEX_MODE:String</u> compareFunction:Function fields:Array <u>FIRST_INDEX_MODE:String</u> <u>LAST_INDEX_MODE:String</u> unique:Boolean findItem():int propertyAffectsSort():Boolean reverse():void Sort() sort():void</p>	<p>SortError ● P: mx.collections.errors → Error</p> <p>SortField ● P: mx.collections → EventDispatcher <u>caseInsensitive:Boolean</u> <u>compareFunction:Function</u> <u>descending:Boolean</u> name:String numeric:Object reverse():void SortField()</p> <p>SortInfo ■ P: mx.controls.advanced → DataGridClasses <u>ACTUALSORT:String</u> <u>descending:Boolean</u> <u>PROPOSEDSORT:String</u> sequenceNumber:int status:String SortInfo()</p> <p>Sound P: flash.media → EventDispatcher bytesLoaded:uint bytesTotal:int id3:ID3Info isBuffering:Boolean length:Number url:String close():void extract():Number load():void play():SoundChannel Sound()</p> <p>SoundAsset ■ P: mx.core → Sound <i>IFlexAsset</i></p> <p>SoundChannel P: flash.media → EventDispatcher leftPeak:Number position:Number rightPeak:Number soundTransform:SoundTransform stop():void</p> <p>SoundCodec P: flash.media → Object <u>NELLYMOSER:String</u> <u>SPEEX:String</u></p> <p>SoundEffect ■ P: mx.effects → Effect autoLoad:Boolean bufferTime:Number isLoading:Boolean loops:int panEasingFunction:Function panFrom:Number panTo:Number sound:Sound source:Object startTime:Number useDuration:Boolean</p>	<p>volumeEasingFunction:Function volumeFrom:Number volumeTo:Number load():void SoundEffect()</p> <p>SoundEffectInstance ■ P: mx.effects.effectClasses → EffectInstance bufferTime:Number isLoading:Boolean loops:int panEasingFunction:Function panFrom:Number panTo:Number sound:Sound soundChannel:SoundChannel source:Object startTime:Number useDuration:Boolean volumeEasingFunction:Function volumeFrom:Number volumeTo:Number SoundEffectInstance()</p> <p>SoundLoaderContext P: flash.media → Object bufferTime:Number checkPolicyFile:Boolean SoundLoaderContext()</p> <p>SoundMixer P: flash.media → Object <u>bufferTime:int</u> <u>soundTransform:SoundTransform</u> <u>areSoundsInaccessible():Boolean</u> <u>computeSpectrum():void</u> <u>stopAll():void</u></p> <p>SoundTransform P: flash.media → Object <u>leftToLeft:Number</u> <u>leftToRight:Number</u> <u>pan:Number</u> <u>rightToLeft:Number</u> <u>rightToRight:Number</u> volume:Number SoundTransform()</p> <p>SpaceJustifier P: flash.text.engine → TextJustifier letterSpacing:Boolean clone():TextJustifier</p> <p>Spacer ■ P: mx.controls → UIComponent</p> <p>SpreadMethod P: flash.display → Object <u>PAD:String</u> <u>REFLECT:String</u> <u>REPEAT:String</u></p>
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Sprite

P: flash.display
 → DisplayObjectContainer
 buttonMode:Boolean
 dropTarget:DisplayObject
 graphics:Graphics
 hitArea:Sprite
 soundTransform:SoundTransform
 useHandCursor:Boolean
 Sprite()
 startDrag():void
 stopDrag():void

SpriteAsset

P: mx.core
 → FlexSprite
 IFlexAsset
 IFlexDisplayObject
 IBorder
 borderMetrics:EdgeMetrics
 measuredHeight:Number
 measuredWidth:Number
 move():void
 setActualSize():void
 SpriteAsset()

SQLCollationType

P: flash.data
 → Object
 BINARY:String
 NO_CASE:String

SQLColumnNameStyle

P: flash.data
 → Object
 DEFAULT:String
 LONG:String
 SHORT:String

SQLColumnSchema

P: flash.data
 → Object
 allowNull:Boolean
 autoIncrement:Boolean
 dataType:String
 defaultCollationType:String
 name:String
 primaryKey:Boolean
 SQLColumnSchema()

SQLConnection

P: flash.data
 → EventDispatcher
 autoCompact:Boolean
 cacheSize:uint
 columnNameStyle:String
 connected:Boolean
 inTransaction:Boolean
 lastInsertRowID:Number
 pageSize:uint
 totalChanges:Number
 addEventListener():void
 analyze():void
 attach():void
 begin():void
 cancel():void
 close():void
 commit():void
 compact():void
 deanalyze():void
 detach():void
 getSchemaResult():SQLSchemaResult
 loadSchema():void
 open():void

openAsync():void
 reencrypt():void
 removeEventListener():void
 rollback():void
 SQLConnection()

SQLException

P: flash.errors
 → Error
 details:String
 operation:String
 SQLException():void
 toString():String

SQLExceptionEvent

P: flash.events
 → ErrorEvent
 ERROR:String
 error:SQLException
 clone():Event
 SQLExceptionEvent()
 toString():String

SQLExceptionOperation

P: flash.errors
 → Object

ANALYZE:String
 ATTACH:String
 BEGIN:String
 CLOSE:String
 COMMIT:String
 COMPACT:String
 DEANALYZE:String
 DETACH:String
 EXECUTE:String
 OPEN:String
 REENCRYPT:String
 ROLLBACK:String
 SCHEMA:String

SQLExceptionEvent

P: flash.events
 → Event
 ANALYZE:String
 ATTACH:String
 BEGIN:String
 CANCEL:String
 CLOSE:String
 COMMIT:String
 COMPACT:String
 DEANALYZE:String
 DETACH:String
 OPEN:String
 REENCRYPT:String
 RESULT:String
 ROLLBACK:String
 SCHEMA:String
 clone():Event
 SQLExceptionEvent()

SQLIndexSchema

P: flash.data
 → SQLSchema
 table:String
 SQLIndexSchema()

SQLMode

P: flash.data
 → Object
 CREATE:String
 READ:String
 UPDATE:String

SQLResult

P: flash.data
 → Object
 complete:Boolean
 data:Array
 lastInsertRowID:Number
 rowsAffected:Number
 SQLResult()

SQLSchema

P: flash.data
 → Object
 database:String
 name:String
 sql:String
 SQLSchema()

SQLSchemaResult

P: flash.data
 → Object
 indices:Array
 tables:Array
 triggers:Array
 views:Array
 SQLSchemaResult()

SQLStatement

P: flash.data
 → EventDispatcher
 executing:Boolean
 itemClass:Class
 parameters:Object
 sqlConnection:SQLConnection
 text:String
 cancel():void
 clearParameters():void
 execute():void
 getResult():SQLResult
 next():void
 SQLStatement()

SQLTableSchema

P: flash.data
 → SQLSchema
 columns:Array
 SQLTableSchema()

SQLTransactionLockType

P: flash.data
 → Object
 DEFERRED:String
 EXCLUSIVE:String
 IMMEDIATE:String

SQLTriggerSchema

P: flash.data
 → SQLSchema
 table:String
 SQLTriggerSchema()

SQLUpdateEvent

P: flash.events
 → Event
 DELETE:String
 INSERT:String
 rowID:Number
 table:String
 UPDATE:String
 clone():Event
 SQLUpdateEvent()

SQLViewSchema

P: flash.data
 → SQLTableSchema

StackedSeries

P: mx.charts.chartClasses
 → Series
 allowNegativeForStacked:Boolean
 horizontalAxis:IAxis
 horizontalAxis:IAxis
 negTotalsByPrimaryAxis:Dictionary
 posTotalsByPrimaryAxis:Dictionary
 series:Array
 stackedMaximum:Number
 stackedMinimum:Number
 type:String
 verticalAxis:IAxis
 buildSubSeries():void
 customizeSeries():void
 formatDataTip():String
 invalidateSeries():void
 invalidateStacking():void
 stack():void
 StackedSeries()
 updateStacking():void

StackFrame

P: flash.sampler
 → Object
 file:String
 line:uint
 name:String
 toString():String

StackOverflowError

P: flash.errors
 → Error
 StackOverflowError():void

Stage

P: flash.display
 → DisplayObjectContainer
 align:String
 cacheAsBitmap:Boolean
 displayState:String
 focus:InteractiveObject
 frameRate:Number
 fullScreenHeight:uint
 fullScreenSourceRect:Rectangle
 fullScreenWidth:uint
 height:Number
 mouseChildren:Boolean
 nativeWindow:NativeWindow
 numChildren:int
 quality:String
 scaleMode:String
 showDefaultContextMenu:Boolean
 stageFocusRect:Boolean
 stageHeight:int
 stageWidth:int
 tabChildren:Boolean
 tabEnabled:Boolean
 textSnapshot:TextSnapshot
 width:Number
 addChild():DisplayObject
 addChildAt():DisplayObject
 addEventListener():void
 assignFocus():void
 dispatchEvent():Boolean
 hasEventListener():Boolean
 invalidate():void
 isFocusInaccessible():Boolean
 removeChildAt():DisplayObject
 setChildIndex():void
 swapChildrenAt():void
 willTrigger():Boolean

StageAlign

P: flash.display
 → Object
 BOTTOM:String
 BOTTOM_LEFT:String
 BOTTOM_RIGHT:String
 LEFT:String
 RIGHT:String
 TOP:String
 TOP_LEFT:String
 TOP_RIGHT:String

StageDisplayState

P: flash.display
 → Object
 FULL_SCREEN:String
 FULL_SCREEN_INTERACTIVE:String
 NORMAL:String

StageQuality

P: flash.display
 → Object
 BEST:String
 HIGH:String
 LOW:String
 MEDIUM:String

StageScaleMode

P: flash.display
 → Object
 EXACT_FIT:String
 NO_BORDER:String
 NO_SCALE:String
 SHOW_ALL:String

State

P: mx.states
 → EventDispatcher
 basedOn:String
 name:String
 overrides:Array
 State():void

StateChangeEvent

P: mx.events
 → Event
 CURRENT_STATE_CHANGE:String
 CURRENT_STATE_CHANGING:String
 StateChangeEvent()

StaticText

P: flash.text
 → DisplayObject
 text:String

StatusBar

P: mx.core.windowClasses
 → UIComponent
 status:String
 statusTextField:UITextField
 StatusBar()

StatusBarBackgroundSkin

P: mx.skins.halo
 → ProgrammaticSkin
 StatusBarBackgroundSkin()
 updateDisplayList():void

StatusEvent

P: flash.events
 → Event
 code:String
 level:String

STATUS:String
 clone():Event
 StatusEvent()
 toString():String

StreamingAMFChannel

P: mx.messaging.channels
 → AMFChannel
 StreamingAMFChannel()
 poll():void

StreamingConnectionHandler

P: mx.messaging.channels
 → EventDispatcher
 channel:Channel
 chunkBuffer:ByteArray
 dataBytesToRead:int
 dataOffset:int
 DISCONNECT_CODE:String = "disconnect"
 StreamingConnectionHandler()
 closeStreamingConnection():void
 openStreamingConnection():void

StreamingHTTPChannel

P: mx.messaging.channels
 → HTTPChannel
 StreamingHTTPChannel()
 poll():void

String

P: Top Level
 → Object
 length:int
 charAt():String
 charCodeAt():Number
 concat():String
 fromCharCode():String
 indexOf():int
 lastIndexOf():int
 localeCompare():int
 match():Array
 replace():String
 search():int
 slice():String
 split():Array
 String()
 substr():String
 substring():String
 toLocaleLowerCase():String
 toLocaleUpperCase():String
 toLowerCase():String
 toUpperCase():String
 valueOf():String

StringUtil

P: mx.utils
 → Object
 IStyleClient
 className:String
 filterMap:Object
 inheritingStyles:Object
 nonInheritingStyles:Object
 source:IStyleClient
 styleDeclaration:CSSStyleDeclaration
 styleName:Object
 clearStyle():void
 getClassStyleDeclarations():Array
 getStyle():*
 notifyStyleChangeInChildren():void
 regenerateStyleCache():void
 registerEffects():void
 setStyle():void
 styleChanged():void
 StyleProxy()

StringValidator

P: mx.validators
 → Validator
 maxLength:Object
 minLength:Object
 tooLongError:String
 tooShortError:String
 doValidation():Array
 StringValidator()
 validateString():Array

Stroke

P: mx.graphics
 → EventDispatcher
 IStroke
 alpha:Number
 caps:String
 color:uint
 joints:String
 miterLimit:Number
 pixelHinting:Boolean
 scaleMode:String
 weight:Number
 apply():void
 Stroke()

StyleEvent

P: mx.events
 → ProgressEvent
 COMPLETE:String
 ERROR:String
 errorText:String
 PROGRESS:String
 StyleEvent()

StyleManager

P: mx.styles
 → Object
 NOT_A_COLOR:uint
 selectors:Array
 clearStyleDeclaration():void
 getColorName():uint
 getColorNames():void
 getStyleDeclaration():CSSStyleDeclaration
 isColorName():Boolean
 isInheritingStyle():Boolean
 isInheritingTextFormatStyle():Boolean
 isParentDisplayListInvalidatingStyle():Boolean
 isParentSizeInvalidatingStyle():Boolean
 isSizeInvalidatingStyle():Boolean
 isValidStyleValue():Boolean
 loadStyleDeclarations():IEventDispatcher
 registerColorName():void
 registerInheritingStyle():void
 registerParentDisplayListInvalidatingStyle():void
 registerParentSizeInvalidatingStyle():void
 registerSizeInvalidatingStyle():void
 setStyleDeclaration():void
 unloadStyleDeclarations():void

StyleProxy

P: mx.styles
 → Object
 UIComponent

StyleSheet

P: flash.text
 → EventDispatcher
 styleNames:Array
 clear():void
 getStyle():Object
 parseCSS():void
 setStyle():void
 StyleSheet()
 transform():TextFormat

SumAggregator

P: mx.olap.aggregators
 → Object
 IOLAPCustomAggregator
 computeBegin():Object
 computeEnd():Number
 computeLoop():void
 computeObjectBegin():Object
 computeObjectEnd():Number
 computeObjectLoop():void

SummaryField

P: mx.collections
 → Object
 dataField:String
 label:String
 operation:String
 summaryFunction:Function
 SummaryField()

SummaryObject

P: mx.collections
 → Object

SummaryRow

P: mx.collections
 → Object
 fields:Array
 summaryObjectFunction:Function
 summaryPlacement:String
 SummaryRow()

SubscriptionInfo

P: mx.messaging
 → Object
 selector:String
 subtopic:String
 SubscriptionInfo()

SwatchPanelSkin

P: mx.skins.halo
 → Border

SwatchSkin

P: mx.skins.halo
 → UIComponent

SWFLoader

P: mx.controls
 → UIComponent
 autoLoad:Boolean
 bytesLoaded:Number
 bytesTotal:Number
 content:DisplayObject
 contentHeight:Number
 contentWidth:Number
 loaderContext:LoaderContext
 maintainAspectRatio:Boolean
 percentLoaded:Number
 scaleContent:Boolean
 showBusyCursor:Boolean
 source:Object
 trustContent:Boolean

Sprite - SWFLoader

load():void
SWFLoader()
unloadAndStop():void

SWFLoaderAutomationImpl ■

P: mx.automation.delegates.
controls
→ UIComponentAutomationImpl
init():void
SWFLoaderAutomationImpl()

SWFVersion

P: flash.display
→ Object
[FLASH1:uint](#)
[FLASH2:uint](#)
[FLASH3:uint](#)
[FLASH4:uint](#)
[FLASH5:uint](#)
[FLASH6:uint](#)
[FLASH7:uint](#)
[FLASH8:uint](#)
[FLASH9:uint](#)

SwitchSymbolFormatter ■

P: mx.flash
→ Object
formatValue():String
SwitchSymbolFormatter()

SyncEvent

P: flash.events
→ Event
changeList:Array
[SYNC:String](#)
clone():Event
SyncEvent()
toString():String

SyntaxError

P: Top Level
→ Error
SyntaxError()

System

P: flash.system
→ Object
[ime:IME](#)
[totalMemory:uint](#)
[useCodePage:Boolean](#)
[exit\(\):void](#)
[gc\(\):void](#)
[pause\(\):void](#)
[resume\(\):void](#)
[setClipboard\(\):void](#)

SystemManager ■

P: mx.managers
→ MovieClip
IChildList
IFlexDisplayObject
IFlexModuleFactory
ISystemManager
application:UIComponent
cursorChildren:IChildList
document:Object
embeddedFontList:Object
explicitHeight:Number
explicitWidth:Number
focusPane:Sprite
height:Number
measuredHeight:Number
measuredWidth:Number
numChildren:int
numModalWindows:int

popUpChildren:IChildList
preloaderBackgroundAlpha:Number
preloaderBackgroundColor:uint
preloaderBackgroundImage:Object
preloaderBackgroundColor:String
rawChildren:IChildList
screen:Rectangle
toolTipChildren:IChildList
topLevelSystemManager:ISystemM
anager
width:Number
activate():void
addFocusManager():void
create():Object
deactivate():void
getDefinitionByName():Object
getExplicitOrMeasuredHeight():Nu
mber
getExplicitOrMeasuredWidth():Nu
mber
getSWFRoot():DisplayObject
isFontFaceEmbedded():Boolean
isTopLevel():Boolean
isTopLevelWindow():Boolean
move():void
removeFocusManager():void
setActualSize():void
SystemManager()

SystemTrayIcon ●

P: flash.desktop
→ Interactivelcon
[bitmaps:Array](#)
[height:int](#)
[MAX_TIP_LENGTH:Number](#)
[menu:NativeMenu](#)
toolTip:String
width:int

TabAlignment

P: flash.text.engine
→ Object
[CENTER:String](#)
[DECIMAL:String](#)
[END:String](#)
[START:String](#)

TabBar ■

P: mx.controls
→ ToggleButtonBar

TabStop

P: flash.text.engine
→ Object
[alignment:String](#)
[decimalAlignmentToken:String](#)
[position:Number](#)

TabNavigator ■

P: mx.containers
→ ViewStack
IFocusManagerComponent
tabBar:TabBar
tabBarStyleFilters:Object
getTabAt():Button
measure():void
TabNavigator()
updateDisplayList():void

TabNavigatorAutomationImpl ■

P: mx.automation.delegates.
containers
→ ViewStackAutomationImpl
componentInitialized():void
init():void

replayAutomatableEvent():Boolean
TabNavigatorAutomationImpl()

TabSkin ■

P: mx.skins.halo
→ Border

Text ■

P: mx.controls
→ Label
commitProperties():void
Text()

TextArea ■

P: mx.controls
→ ScrollControlBase
IDataRenderer
IDropInListItemRenderer
IFocusManagerComponent, *IIME-Support*
IListItemRenderer
IFontContextComponent
[condenseWhite:Boolean](#)
[data:Object](#)
[displayAsPassword:Boolean](#)
[editable:Boolean](#)
[horizontalScrollPolicy:String](#)
[horizontalScrollPosition:Number](#)
[htmlText:String](#)
[imeMode:String](#)
[length:int](#)
[listData:BaseListData](#)
[maxChars:int](#)
[restrict:String](#)
[selectable:Boolean](#)
[selectionBeginIndex:int](#)
[selectionEndIndex:int](#)
[styleSheet:StyleSheet](#)
[text:String](#)
[textField:UITextField](#)
[textHeight:Number](#)
[textWidth:Number](#)
[verticalScrollPolicy:String](#)
[verticalScrollPosition:Number](#)
[wordWrap:Boolean](#)
getLineMetrics():TextLineMetrics
setSelection():void
TextArea()

TextAreaAutomationImpl ■

P: mx.automation.delegates.
controls
→ ScrollControlBaseAutomation-
Impl
init():void
TextAreaAutomationImpl()

TextBaseline

P: flash.text.engine
→ Object
[ASCENT:String](#)
[DESCENT:String](#)
[IDEOGRAPHIC_BOTTOM:String](#)
[IDEOGRAPHIC_CENTER:String](#)
[IDEOGRAPHIC_TOP:String](#)
[ROMAN:String](#)
[USE_DOMINANT_BASELINE:String](#)

TextBlock

P: flash.text.engine
→ Object
[applyNonLinearFontScaling:Boolean](#)
[baselineFontDescription:FontDescription](#)
[baselineFontSize:Number](#)
[baselineZero:String](#)

[bidiLevel:int](#)
[content:ContentElement](#)
[firstInvalidLine:TextLine](#)
[firstLine:TextLine](#)
[lastLine:TextLine](#)
[lineRotation:String](#)
[tabStops:Vector.<TabStop>](#)
[textJustifier:TextJustifier](#)
[textLineCreationResult:String](#)
[userData:*](#)
[createTextLine\(\):TextLine](#)
[dump\(\):String](#)
[findNextAtomBoundary\(\):int](#)
[findNextWordBoundary\(\):int](#)
[findPreviousAtomBoundary\(\):int](#)
[findPreviousWordBoundary\(\):int](#)
[getTextLineAtCharIndex\(\):TextLine](#)
[releaseLines\(\):void](#)

TextColorType

P: flash.text
→ Object
[DARK_COLOR:String](#)
[LIGHT_COLOR:String](#)

TextDisplayMode

P: flash.text
→ Object
[CRT:String](#)
[DEFAULT:String](#)
[LCD:String](#)

TextElement

P: flash.text.engine
→ ContentElement
[text:String](#)
replaceText():void

TextEvent

P: flash.events
→ Event
[LINK:String](#)
[text:String](#)
[TEXT_INPUT:String](#)
clone():Event
TextEvent()
toString():String

TextExtent

P: flash.text
→ Object
[ascend:Number](#)
[descend:Number](#)
[height:Number](#)
[textFieldHeight:Number](#)
[textFieldWidth:Number](#)
[width:Number](#)

TextField

→ InteractiveObject
P: flash.text
[alwaysShowSelection:Boolean](#)
[antiAliasType:String](#)
[autoSize:String](#)
[background:Boolean](#)
[backgroundColor:uint](#)
[border:Boolean](#)
[borderColor:uint](#)
[bottomScrollV:int](#)
[caretIndex:int](#)
[condenseWhite:Boolean](#)
[contextMenu:NativeMenu](#)
[defaultTextFormat:TextFormat](#)
[displayAsPassword:Boolean](#)
[embedFonts:Boolean](#)

[gridFitType:String](#)
[htmlText:String](#)
[length:int](#)
[maxChars:int](#)
[maxScrollH:int](#)
[maxScrollV:int](#)
[mouseWheelEnabled:Boolean](#)
[multiline:Boolean](#)
[numLines:int](#)
[restrict:String](#)
[scrollH:int](#)
[scrollV:int](#)
[selectable:Boolean](#)
[selectionBeginIndex:int](#)
[selectionEndIndex:int](#)
[sharpness:Number](#)
[styleSheet:StyleSheet](#)
[text:String](#)
[textColor:uint](#)
[textHeight:Number](#)
[textWidth:Number](#)
[thickness:Number](#)
[type:String](#)
[useRichTextClipboard:Boolean](#)
[wordWrap:Boolean](#)
[appendText\(\):void](#)
[getCharBoundaries\(\):Rectangle](#)
[getCharIndexAtPoint\(\):int](#)
[getFirstCharInParagraph\(\):int](#)
[getImageReference\(\):DisplayObject](#)
[getLineIndexAtPoint\(\):int](#)
[getLineIndexOfChar\(\):int](#)
[getLineLength\(\):int](#)
[getLineMetrics\(\):TextLineMetrics](#)
[getLineOffset\(\):int](#)
[getLineText\(\):String](#)
[getParagraphLength\(\):int](#)
[getTextFormat\(\):TextFormat](#)
[replaceSelectedText\(\):void](#)
[setSelection\(\):void](#)
[setTextFormat\(\):void](#)
TextField()

TextFieldAsset ■

P: mx.core
→ FlexTextField
IFlexAsset
IFlexDisplayObject
[measuredHeight:Number](#)
[measuredWidth:Number](#)
[move\(\):void](#)
[setActualSize\(\):void](#)
TextFieldAsset()

TextFieldAutomationHelper ■

P: mx.automation.delegates
→ Object
TextFieldAutomationHelper()
recordAutomatableEvent():void
replayAutomatableEvent():void

TextFieldAutomationHelper ■

P: mx.automation.delegates
→ Object
TextFieldAutomationHelper()
recordAutomatableEvent():void
replayAutomatableEvent():void

TextFieldAutoSize

P: flash.text
→ Object
[CENTER:String](#)
[LEFT:String](#)
[NONE:String](#)
[RIGHT:String](#)

TextFieldType

P: flash.text
→ Object
[DYNAMIC:String](#)
[INPUT:String](#)

TextFormat

P: flash.text
→ Object
[align:String](#)
[blockIndent:Object](#)
[bold:Object](#)
[bullet:Object](#)
[color:Object](#)
[font:String](#)
[indent:Object](#)
[italic:Object](#)
[kerning:Object](#)
[leading:Object](#)
[leftMargin:Object](#)
[letterSpacing:Object](#)
[rightMargin:Object](#)
[size:Object](#)
[tabStops:Array](#)
[textColor:uint](#)
[target:String](#)
[underline:Object](#)
[url:String](#)
TextFormat()

TextFormatAlign

P: flash.text
→ Object
[CENTER:String](#)
[JUSTIFY:String](#)
[LEFT:String](#)
[RIGHT:String](#)

TextInput ■

P: mx.controls
→ UIComponent
IDataRenderer
IDropInListItemRenderer
IFocusManagerComponent
IIMESupport
IListItemRenderer
IFontContextComponent
[condenseWhite:Boolean](#)
[data:Object](#)
[displayAsPassword:Boolean](#)
[editable:Boolean](#)
[fontContext:IFlexModuleFactory](#)
[horizontalScrollPosition:Number](#)
[htmlText:String](#)
[imeMode:String](#)
[length:int](#)
[listData:BaseListData](#)
[maxChars:int](#)
[restrict:String](#)
[selectionBeginIndex:int](#)
[selectionEndIndex:int](#)
[text:String](#)
[textField:UITextField](#)
[textHeight:Number](#)
[textWidth:Number](#)
[createBorder\(\):void](#)
[getLineMetrics\(\):TextLineMetrics](#)
[setSelection\(\):void](#)
TextInput()

TextLineCreationResult

P: flash.text.engine
→ Object
[COMPLETE:String](#)
[EMERGENCY:String](#)
[INSUFFICIENT_WIDTH:String](#)
[SUCCESS:String](#)

TextLineMetrics

P: flash.text
→ Object
[ascend:Number](#)
[descend:Number](#)
[height:Number](#)
[leading:Number](#)
[width:Number](#)
[x:Number](#)
TextLineMetrics()

TextLineMirrorRegion

P: flash.text.engine
→ Object
[bounds:Rectangle](#)
[element:ContentElement](#)
[mirror:EventDispatcher](#)
[nextRegion:TextLineMirrorRegion](#)
[previousRegion:TextLineMirrorRegion](#)
[textLine:TextLine](#)

TextLineValidity

P: flash.text.engine
→ Object
[INVALID:String](#)
[POSSIBLY_INVALID:String](#)

[locale:String](#)
[clone\(\):TextJustifier](#)
[getJustifierForLocale\(\):TextJustifier](#)

TextLine

P: flash.text.engine
→ DisplayObjectContainer
[ascend:Number](#)
[atomCount:int](#)
[descent:Number](#)
[hasGraphicElement:Boolean](#)
[MAX_LINE_WIDTH:int](#)
[mirrorRegions:Vector.<TextLineMirro
rRegion>](#)
[nextLine:TextLine](#)
[previousLine:TextLine](#)
[rawTextLength:int](#)
[specifiedWidth:Number](#)
[target:String](#)
[textBlockBeginIndex:int](#)
[textBlockEndIndex:int](#)
[textHeight:Number](#)
[textWidth:Number](#)
[unjustifiedTextWidth:Number](#)
[userData:*](#)
[validity:String](#)
[flushAtomData\(\):void](#)
[getAtomBidiLevel\(\):int](#)
[getAtomBounds\(\):Rectangle](#)
[getAtomCenter\(\):Number](#)
[getAtomGraphic\(\):DisplayObject](#)
[getAtomIndexAtCharIndex\(\):int](#)
[getAtomIndexAtPoint\(\):int](#)
[getAtomTextBlockBeginIndex\(\):int](#)
[getAtomTextBlockEndIndex\(\):int](#)
[getAtomTextRotation\(\):String](#)
[getAtomWordBoundaryOnLeft\(\):Boolean](#)
[getBaselinePosition\(\):Number](#)
[getMirrorRegion\(\):TextLineMirrorRegion](#)
dump():String

TextRenderer

P: flash.text
→ Object
[displayMode:String](#)
[maxLevel:int](#)
[setAdvancedAntiAliasingTable\(\):void](#)

TextRotation

P: flash.text.engine
→ Object
[AUTO:String](#)
[ROTATE_0:String](#)
[ROTATE_180:String](#)
[ROTATE_270:String](#)
[ROTATE_90:String](#)

TextSelectionEvent ■

P: mx.automation.events
→ Event
[beginIndex:int](#)
[endIndex:int](#)
[TEXT_SELECTION_CHANGE:String =](#)
"textSelectionChange"
TextSelectionEvent()

TextSnapshot

P: flash.text
→ Object
[charCount:int](#)
[findText\(\):int](#)
[getSelected\(\):Boolean](#)
[getSelectedText\(\):String](#)
[getText\(\):String](#)
[getTextRunInfo\(\):Array](#)
[hitTestTextNearPos\(\):Number](#)
[setSelectColor\(\):void](#)
[setSelected\(\):void](#)

Tile ■

P: mx.containers
→ Container
[direction:String](#)
[tileHeight:Number](#)
[tileWidth:Number](#)
[measure\(\):void](#)
Tile()
updateDisplayList():void

[STATIC:String](#)
[VALID:String](#)

TextRange ■

P: mx.controls.textClasses
→ Object
[beginIndex:int](#)
[bullet:Boolean](#)
[color:Object](#)
[endIndex:int](#)
[fontFamily:String](#)
[fontSize:int](#)
[fontStyle:String](#)
[fontWeight:String](#)
[htmlText:String](#)
[kerning:Boolean](#)
[letterSpacing:Number](#)
[modifiesSelection:Boolean](#)
[owner:UIComponent](#)
[text:String](#)
[textAlign:String](#)
[textDecoration:String](#)
[url:String](#)
TextRange()

TextRenderer

P: flash.text
→ Object
[displayMode:String](#)
[maxLevel:int](#)
[setAdvancedAntiAliasingTable\(\):void](#)

TextRotation

P: flash.text.engine
→ Object
[AUTO:String](#)
[ROTATE_0:String](#)
[ROTATE_180:String](#)
[ROTATE_270:String](#)
[ROTATE_90:String](#)

TextSelectionEvent ■

P: mx.automation.events
→ Event
[beginIndex:int](#)
[endIndex:int](#)
[TEXT_SELECTION_CHANGE:String =](#)
"textSelectionChange"
TextSelectionEvent()

TextSnapshot

P: flash.text
→ Object
[charCount:int](#)
[findText\(\):int](#)
[getSelected\(\):Boolean](#)
[getSelectedText\(\):String](#)
[getText\(\):String](#)
[getTextRunInfo\(\):Array](#)
[hitTestTextNearPos\(\):Number](#)
[setSelectColor\(\):void](#)
[setSelected\(\):void](#)

Tile ■

P: mx.containers
→ Container
[direction:String](#)
[tileHeight:Number](#)
[tileWidth:Number](#)
[measure\(\):void](#)
Tile()
updateDisplayList():void

TileBase ●

P: mx.controls.listClasses
 → ListBase
[direction:String](#)
[maxColumns:int](#)
[maxRows:int](#)
[measuringObjects:Dictionary](#)
[adjustListContent\(\):void](#)
[createItemRenderer\(\):IListItemRenderer](#)
[drawTileBackground\(\):DisplayObject](#)
[drawTileBackgrounds\(\):void](#)
[makeListData\(\):BaseListData](#)
[scrollHorizontally\(\):void](#)
 TileBase()

TileBaseAutomationImpl ■

P: mx.automation.delegates.controls
 → ListBaseAutomationImpl
[automationTabularData:Object](#)
[init\(\):void](#)
 TileBaseAutomationImpl()

TileBaseDirection ■

P: mx.controls.listClasses
 → Object
[HORIZONTAL:String](#)
[VERTICAL:String](#)

TileDirection ■

P: mx.containers
 → Object
[HORIZONTAL:String](#)
[VERTICAL:String](#)

TileList ■

P: mx.controls
 → TileBase
[selectedIndex:int](#)
[toggleOnClick:Boolean](#)
 ToggleButtonBar():void UIComponent

TileListItemRenderer ■

P: mx.controls.listClasses
 → UIComponent
[data:Object](#)
[icon:IFlexDisplayObject](#)
[label:UITextField](#)
[listData:BaseListData](#)
 TileListItemRenderer()
[tooltipShowHandler\(\):void](#)

TileListItemRendererAutomationImpl ■

P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
[IDataRenderer](#)
[IDropInListItemRenderer](#)
[IListItemRenderer](#)
[IFontContextComponent](#)
[init\(\):void](#)
 TileListItemRendererAutomationImpl()

Timer

P: flash.utils
 → EventDispatcher
[currentCount:int](#)
[delay:Number](#)
[repeatCount:int](#)
[running:Boolean](#)
[reset\(\):void](#)
[start\(\):void](#)

[stop\(\):void](#)
[Timer\(\)](#)

TimerEvent

P: flash.events
 → Event
[TIMER:String](#)
[TIMER_COMPLETE:String](#)
[clone\(\):Event](#)
[TimerEvent\(\)](#)
[toString\(\):String](#)
[updateAfterEvent\(\):void](#)

TitleBackground ■

P: mx.skins.halo
 → ProgrammaticSkin

TitleBar ■●

P: mx.core.windowClasses
 → UIComponent
[closeButton:Button](#)
[maximizeButton:Button](#)
[minimizeButton:Button](#)
[title:String](#)
[titleLabel:Class](#)
[textField:UITextField](#)
[doubleClickHandler\(\):void](#)
[placeButtons\(\):void](#)
[placeTitle\(\):void](#)
[styleChanged\(\):void](#)
 TitleBar()

TitleWindow ■

P: mx.containers
 → Panel
[showCloseButton:Boolean](#)
 TitleWindow()

ToggleButtonBar ■

P: mx.controls
 → ButtonBar

ToggleButtonBarAutomationImpl ■

P: mx.automation.delegates.controls
 → ButtonBarAutomationImpl
[init\(\):void](#)
 ToggleButtonBarAutomationImpl()

ToolTip ■

→ UIComponent
 P: mx.controls
[IToolTip](#)
[IFontContextComponent](#)
[maxWidth:Number](#)
[text:String](#)
[textField:UITextField](#)
 ToolTip()

ToolTipAutomationImpl ■

P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
[init\(\):void](#)
 ToolTipAutomationImpl()

ToolTipBorder ■

P: mx.skins.halo
 → RectangularBorder

ToolTipEvent ■

P: mx.events
 → Event

[TOOL_TIP_CREATE:String](#)
[TOOL_TIP_END:String](#)
[TOOL_TIP_HIDE:String](#)
[TOOL_TIP_SHOW:String](#)
[TOOL_TIP_SHOWN:String](#)
[TOOL_TIP_START:String](#)
[tooltip:ToolTip](#)
 ToolTipEvent()

ToolTipManager ■

P: mx.managers
 → EventDispatcher
[currentTarget:DisplayObject](#)
[currentToolTip:IToolTip](#)
[enabled:Boolean](#)
[hideDelay:Number](#)
[hideEffect:IAbstractEffect](#)
[scrubDelay:Number](#)
[showDelay:Number](#)
[showEffect:IAbstractEffect](#)
[tooltipClass:Class](#)
[createToolTip\(\):IToolTip](#)
[destroyToolTip\(\):void](#)

TraceTarget ■

P: mx.logging.targets
 → LineFormattedTarget

Transform

P: flash.geom
 → Object
[colorTransform:ColorTransform](#)
[concatenatedColorTransform:ColorTransform](#)
[ransform](#)
[concatenatedMatrix:Matrix](#)
[matrix:Matrix](#)
[pixelBounds:Rectangle](#)

Transition ■

P: mx.states
 → Object
[effect:IEffect](#)
[fromState:String](#)
[toState:String](#)
 Transition():void

Tree ■

P: mx.controls
 → List
[IIMESupport](#)
[dataDescriptor:ITreeDataDescriptor](#)
[dataProvider:Object](#)
[dragMoveEnabled:Boolean](#)
[firstVisibleItem:Object](#)
[hasRoot:Boolean](#)
[itemIcons:Object](#)
[maxHorizontalScrollPosition:Number](#)
[openItems:Object](#)
[showRoot:Boolean](#)
[dragCompleteHandler\(\):void](#)
[dragDropHandler\(\):void](#)
[expandChildrenOf\(\):void](#)
[expandItem\(\):void](#)
[getParentItem\(\):*](#)
[initListData\(\):void](#)
[isItemOpen\(\):Boolean](#)
[makeListData\(\):BaseListData](#)
[setItemIcon\(\):void](#)
 Tree()

TreeAutomationImpl ■

P: mx.automation.delegates.controls
 → ListAutomationImpl

[automationTabularData:Object](#)
[init\(\):void](#)
 TreeAutomationImpl()

TreeEvent ■

P: mx.events
 → Event
[animate:Boolean](#)
[dispatchEvent:Boolean](#)
[item:Object](#)
[ITEM_CLOSE:String](#)
[ITEM_OPEN:String](#)
[ITEM_OPENING:String](#)
[itemRenderer:IListItemRenderer](#)
[opening:Boolean](#)
[triggerEvent:Event](#)
 TreeEvent()

TreeItemRenderer ■

P: mx.controls.treeClasses
 → UIComponent
[data:Object](#)
[disclosureIcon:IFlexDisplayObject](#)
[icon:IFlexDisplayObject](#)
[label:UITextField](#)
[listData:BaseListData](#)
 TreeItemRenderer()

TreeItemRendererAutomationImpl ■

P: mx.automation.delegates.controls
 → UIComponentAutomationImpl
[IDataRenderer](#)
[IDropInListItemRenderer](#)
[IListItemRenderer](#)
[IFontContextComponent](#)
[init\(\):void](#)
 TreeItemRendererAutomationImpl()

TreeListData ■

P: mx.controls.treeClasses
 → BaseListData
[depth:int](#)
[disclosureIcon:Class](#)
[hasChildren:Boolean](#)
[icon:Class](#)
[indent:int](#)
[item:Object](#)
[open:Boolean](#)
 TreeListData()

TriangleCulling

P: flash.display
 → Object
[NEGATIVE:String](#)
[NONE:String](#)
[POSITIVE:String](#)

TriangleItemRenderer ■

P: mx.charts.renderers
 → ProgrammaticSkin
[IDataRenderer](#)
[data:Object](#)
 TriangleItemRenderer()

Tween ■

P: mx.effects
 → EventDispatcher
[duration:Number](#)
[easingFunction:Function](#)
[listener:Object](#)
[endTween\(\):void](#)
[pause\(\):void](#)
[resume\(\):void](#)

[reverse\(\):void](#)
[seek\(\):void](#)
[setTweenHandlers\(\):void](#)
[stop\(\):void](#)
 Tween()

TweenEffect ■

P: mx.effects
 → Effect
[easingFunction:Function](#)
 TweenEffect()
[tweenEventHandler\(\):void](#)

TweenEffectInstance ■

P: mx.effects.effectClasses
 → EffectInstance
[easingFunction:Function](#)
[playheadTime:Number](#)
[tween:Tween](#)
[createTween\(\):Tween](#)
[end\(\):void](#)
[onTweenEnd\(\):void](#)
[onTweenUpdate\(\):void](#)
[seek\(\):void](#)
 TweenEffectInstance()

TweenEvent ■

P: mx.events
 → Event
[TWEEN_END:String](#)
[TWEEN_START:String](#)
[TWEEN_UPDATE:String](#)
[value:Object](#)
 TweenEvent()

TypeError

P: Top Level
 → Error
 TypeError()

TypographicCase

P: flash.text.engine
 → Object
[CAPS:String](#)
[CAPS_AND_SMALL_CAPS:String](#)
[DEFAULT:String](#)
[LOWERCASE:String](#)
[SMALL_CAPS:String](#)
[TITLE:String](#)
[UPPERCASE:String](#)

UIComponent ■

P: mx.core
 → FlexSprite
[IAutomationObject](#)
[IChildList](#)
[IDeferredInstantiationUIComponent](#)
[IFlexDisplayObject](#)
[IFlexModule](#)
[IInvalidating](#)
[ILayoutManagerClient](#)
[IPropertyChangeNotifier](#)
[IRepeaterClient](#)
[ISimpleStyleClient](#)
[IStyleClient](#)
[IToolTipManagerClient](#)
[UIComponent](#)
[IValidatorListener](#)
[IStateClient](#)
[IConstraintClient](#)
[activeEffects:Array](#)
[automationDelegate:Object](#)
[automationName:String](#)
[automationTabularData:Object](#)
[automationValue:Array](#)

[baselinePosition:Number](#)
[cacheHeuristic:Boolean](#)
[cachePolicy:String](#)
[className:String](#)
[contentMouseX:Number](#)
[contentMouseY:Number](#)
[currentState:String](#)
[cursorManager:](#)
[DEFAULT_MAX_HEIGHT:Number](#)
[DEFAULT_MAX_WIDTH:Number](#)
[DEFAULT_MEASURED_HEIGHT:Number](#)
[DEFAULT_MEASURED_MIN_HEIGHT:Number](#)
[DEFAULT_MEASURED_MIN_WIDTH:Number](#)
[DEFAULT_MEASURED_WIDTH:Number](#)
[descriptor:UIComponentDescriptor](#)
[document:Object](#)
[doubleClickEnabled:Boolean](#)
[enabled:Boolean](#)
[errorString:String](#)
[explicitHeight:Number](#)
[explicitMaxHeight:Number](#)
[explicitMinWidth:Number](#)
[explicitMinWidth:Number](#)
[explicitWidth:Number](#)
[flexContextMenu:IFlexContextMenu](#)
[focusEnabled:Boolean](#)
[focusManager:IFocusManager](#)
[focusPane:Sprite](#)
[height:Number](#)
[id:String](#)
[includeInLayout:Boolean](#)
[inheritingStyles:Object](#)
[initialized:Boolean](#)
[instanceIndex:int](#)
[instanceIndices:Array](#)
[isDocument:Boolean](#)
[isPopUp:Boolean](#)
[maxHeight:Number](#)
[maxWidth:Number](#)
[measuredHeight:Number](#)
[measuredMinHeight:Number](#)
[measuredMinWidth:Number](#)
[measuredWidth:Number](#)
[minHeight:Number](#)
[minWidth:Number](#)
[moduleFactory:IFlexModuleFactory](#)
[mouseFocusEnabled:Boolean](#)
[nestLevel:int](#)
[nonInheritingStyles:Object](#)
[numAutomationChildren:int](#)
[owner:DisplayObjectContainer](#)
[parent:DisplayObjectContainer](#)
[parentApplication:Object](#)
[parentDocument:Object](#)
[percentHeight:Number](#)
[percentWidth:Number](#)
[processedDescriptors:Boolean](#)
[repeater:IRepeater](#)
[repeaterIndex:int](#)
[repeaterIndices:Array](#)
[repeaters:Array](#)
[resourceManager:IResourceManager](#)
[scaleX:Number](#)
[scaleY:Number](#)
[screen:Rectangle](#)
[showInAutomationHierarchy:Boolean](#)
[states:Array](#)
[styleDeclaration:CSSStyleDeclaration](#)
[styleName:Object](#)
[systemManager:ISystemManager](#)
[tooltip:String](#)

[transitions:Array](#)
[tweeningProperties:Array](#)
[uid:String](#)
[unscaledHeight:Number](#)
[unscaledWidth:Number](#)
[updateCompletePendingFlag:Boolean](#)
[validationSubField:String](#)
[visible:Boolean](#)
[width:Number](#)
[x:Number](#)
[y:Number](#)
[adjustFocusRect\(\):void](#)
[attachOverlay\(\):void](#)
[callLater\(\):void](#)
[childrenCreated\(\):void](#)
[contentToLocal\(\):Point](#)
[commitProperties\(\):void](#)
[contentToGlobal\(\):Point](#)
[contentToLocal\(\):Point](#)
[createAutomationIDPart\(\):Object](#)
[createChildren\(\):void](#)
[createInFontContext\(\):Object](#)
[createInModuleContext\(\):Object](#)
[createReferenceOnParentDocument\(\):void](#)
[deleteReferenceOnParentDocument\(\):void](#)
[determineTextFormatFromStyles\(\):UITextFormat](#)
[dispatchEvent\(\):Boolean](#)
[drawFontContext\(\):void](#)
[drawRoundRect\(\):void](#)
[effectFinished\(\):void](#)
[effectStarted\(\):void](#)
[endEffectsStarted\(\):void](#)
[executeBindings\(\):void](#)
[finishPrint\(\):void](#)
[focusInHandler\(\):void](#)
[focusOutHandler\(\):void](#)
[getAutomationChildAt\(\):IAutomationObject](#)
[getClassStyleDeclarations\(\):Array](#)
[getConstraintValue\(\):*](#)
[getExplicitOrMeasuredHeight\(\):Number](#)
[getExplicitOrMeasuredWidth\(\):Number](#)
[getFocus\(\):InteractiveObject](#)
[getRepeaterItem\(\):Object](#)
[getStyle\(\):*](#)
[globalToContent\(\):Point](#)
[horizontalGradientMatrix\(\):Matrix](#)
[initializationComplete\(\):void](#)
[initialize\(\):void](#)
[initializeAccessibility\(\):void](#)
[initializeRepeaterArrays\(\):void](#)
[invalidateDisplayList\(\):void](#)
[invalidateProperties\(\):void](#)
[invalidateSize\(\):void](#)
[isOurFocus\(\):Boolean](#)
[keyDownHandler\(\):void](#)
[keyUpHandler\(\):void](#)
[localToContent\(\):Point](#)
[measure\(\):void](#)
[measureHTMLText\(\):TextLineMetrics](#)
[measureText\(\):TextLineMetrics](#)
[move\(\):void](#)
[notifyStyleChangeInChildren\(\):void](#)
[owns\(\):Boolean](#)
[parentChanged\(\):void](#)
[prepareToPrint\(\):Object](#)
[regenerateStyleCache\(\):void](#)
[registerEffects\(\):void](#)
[replayAutomatableEvent\(\):Boolean](#)
[resolveAutomationIDPart\(\):Array](#)

[resourcesChanged\(\):void](#)
[resumeBackgroundProcessing\(\):void](#)
[setActualSize\(\):void](#)
[setConstraintValue\(\):void](#)
[setCurrentState\(\):void](#)
[setFocus\(\):void](#)
[setStyle\(\):void](#)
[stylesInitialized\(\):void](#)
[suspendBackgroundProcessing\(\):void](#)
[UIComponent\(\)](#)
[attachOverlay\(\):void](#)
[validateDisplayList\(\):void](#)
[validateNow\(\):void](#)
[validateProperties\(\):void](#)
[validateSize\(\):void](#)
[validationResultHandler\(\):void](#)
[verticalGradientMatrix\(\):Matrix](#)

UIComponentAutomationImpl ■

P: mx.automation.delegates.core
 → EventDispatcher
[IAutomationObject](#)
[automationName:String](#)
[automationValue:Array](#)
[uiAutomationObject:IAutomationObject](#)
[uiComponent:DisplayObject](#)
[addLayoutCompleteSynchronization\(\):void](#)
[componentInitialized\(\):void](#)
[init\(\):void](#)
 UIComponentAutomationImpl()

UIComponentCachePolicy ■

P: mx.core
 → Object
[AUTO:String](#)
[OFF:String](#)
[ON:String](#)

UIComponentDescriptor ■

P: mx.core
 → ComponentDescriptor
[effects:Array](#)
[stylesFactory:Function](#)
 UIComponentDescriptor()

UIDUtil ■

P: mx.utils
 → Object
[createUID\(\):String](#)
[fromByteArray\(\):String](#)
[getUID\(\):String](#)
[isUID\(\):Boolean](#)
[toByteArray\(\):ByteArray](#)

UIMovieClip ■

P: mx.flash
 → MovieClip
[IDeferredInstantiationUIComponent](#)
[IToolTipManagerClient](#)
[IStateClient](#)
[IFocusManagerComponent](#)
[IConstraintClient](#)
[IAutomationObject](#)
[automationDelegate:Object](#)
[automationName:String](#)
[automationTabularData:Object](#)
[automationValue:Array](#)
[baseline:*](#)
[baselinePosition:Number](#)
[bottom:*](#)
[boundingBoxName:String](#)
[bounds:Rectangle](#)

cacheHeuristic:Boolean
 cachePolicy:String
 currentState:String
 descriptor:UIComponentDescriptor
 document:Object
 explicitHeight:Number
 explicitMaxHeight:Number
 explicitMaxWidth:Number
 explicitMinHeight:Number
 explicitMinWidth:Number
 explicitWidth:Number
 focusEnabled:Boolean
 focusPane:Sprite
 height:Number
 horizontalCenter:*
 id:String
 includeInLayout:Boolean
 initialized:Boolean
 isPopUp:Boolean
 left:*
 maxHeight:Number
 maxWidth:Number
 measuredHeight:Number
 measuredMinHeight:Number
 measuredMinWidth:Number
 measuredWidth:Number
 minHeight:Number
 minWidth:Number
 mouseFocusEnabled:Boolean
 numAutomationChildren:int
 owner:DisplayObjectContainer
 parentDocument:Object
 percentHeight:Number
 percentWidth:Number
 right:*
 showInAutomationHierarchy:Boolean
 systemManager:ISystemManager
 toolTip:String
 top:*
 tweeningProperties:Array
 verticalCenter:*
 width:Number
 createAutomationIDPart():Object
 createReferenceOnParentDocument():void
 deleteReferenceOnParentDocument():void
 drawFocus():void
 enterFrameHandler():void
 executeBindings():void
 findFocusCandidates():void
 focusInHandler():void
 getAutomationChildAt():IAutomationObject
 getConstraintValue():*
 getExplicitOrMeasuredHeight():Number
 getExplicitOrMeasuredWidth():Number
 initialize():void
 move():void
 notifySizeChanged():void
 owns():Boolean
 parentChanged():void
 registerEffects():void
 replayAutomatableEvent():Boolean
 resolveAutomationIDPart():Array
 setActualSize():void
 setConstraintValue():void
 setFocus():void
 setVisible():void
 UIMovieClip()

UIMovieClipAutomationImpl ■
 P: mx.automation.delegates.
 flashflexkit
 → EventDispatcher
 IAutomationObject
 automationName:String
 automationValue:Array
 movieClip:UIMovieClip
 UIMovieClipAutomationImpl()
 getLocalPoint():Point
 init():void
 isDragEventPositionBased():Boolean

uint
 P: Top Level
 → Object
[MAX_VALUE:uint](#)
[MIN_VALUE:uint](#)
 toExponential():String
 toFixed():String
 toPrecision():String
 toString():String
 uint()
 valueOf():uint

UITextField ■
 P: mx.core
 → FlexTextField
 IAutomationObject
 IIMESupport
 IFlexModule
 IInvalidating
 ISimpleStyleClient
 IToolTipManagerClient
 IUITextField
 automationDelegate:Object
 automationName:String
 automationValue:Array
 baselinePosition:Number
 className:String
 document:Object
 enabled:Boolean
 explicitMaxHeight:Number
 explicitMaxWidth:Number
 explicitMinHeight:Number
 explicitMinWidth:Number
 explicitWidth:Number
 focusPane:Sprite
 ignorePadding:Boolean
 imeMode:String
 includeInLayout:Boolean
 inheritingStyles:Object
 initialized:Boolean
 isPopUp:Boolean
 maxHeight:Number
 maxWidth:Number
 measuredHeight:Number
 measuredMinHeight:Number
 measuredMinWidth:Number
 measuredWidth:Number
 minHeight:Number
 minWidth:Number
 moduleFactory:IFlexModuleFactory
 nestLevel:int
 nonInheritingStyles:Object
 nonZeroTextHeight:Number
 owner:DisplayObjectContainer
 parent:DisplayObjectContainer
 percentHeight:Number
 percentWidth:Number
 processedDescriptors:Boolean
 styleName:Object
 systemManager:ISystemManager

toolTip:String
 tweeningProperties:Array
 updateCompletePendingFlag:Boolean
 getExplicitOrMeasuredHeight():Number
 getExplicitOrMeasuredWidth():Number
 mber
 getStyle():*
 getTextStyles():TextFormat
 getUITextFormat():UITextFormat
 initialize():void
 invalidateDisplayList():void
 invalidateProperties():void
 invalidateSize():void
 move():void
 owns():Boolean
 parentChanged():void
 replayAutomatableEvent():Boolean
 setActualSize():void
 setColor():void
 setFocus():void
 setStyle():void
 setVisible():void
 styleChanged():void
 truncateToFit():Boolean
 UITextField()
 validateNow():void

UITextFieldAutomationImpl ■
 P: mx.automation.delegates.core
 → Object
 IAutomationObject
 automationValue:Array
 init():void
 UITextFieldAutomationImpl()

UITextFormat ■
 P: mx.core
 → TextFormat
 antiAliasType:String
 gridFitType:String
 moduleFactory:IFlexModuleFactory
 explicitHeight:Number
 explicitWidth:Number
 measureHTMLText():TextLineMetrics
 measureText():TextLineMetrics
 UITextFormat()

UnconstrainItemAction ■
 P: mx.effects
 → Effect

UnconstrainItemActionInstance ■
 P: mx.effects.effectClasses
 → ActionEffectInstance
 effectHost:ListBase
 UnconstrainItemActionInstance()

Updater ●
 P: flash.desktop
 → Object
 update():void
 Updater()

URIError
 P: Top Level
 → Error
 URIError()

URLLoader
 P: flash.net
 → EventDispatcher
 bytesLoaded:uint
 bytesTotal:uint

data:
 dataFormat:String
 close():void
 load():void
 URLLoader()

URLLoaderDataFormat
 P: flash.net
 → Object
[BINARY:String](#)
[TEXT:String](#)
[VARIABLES:String](#)

URLMonitor ●
 P: air.net
 → ServiceMonitor
 acceptableStatuses:Array
 urlRequest:URLRequest
 checkStatus():void
 toString():String
 URLMonitor()

URLRequest
 P: flash.net
 → Object
 authenticate:Boolean
 cacheResponse:Boolean
 contentType:String
 data:Object
 digest:String
 followRedirects:Boolean
 manageCookies:Boolean
 method:String
 requestHeaders:Array
 url:String
 useCache:Boolean
 userAgent:String
 URLRequest()

URLRequestDefaults ●
 P: flash.net
 → Object
 authenticate:Boolean
 cacheResponse:Boolean
 followRedirects:Boolean
 manageCookies:Boolean
 useCache:Boolean
 userAgent:String
 setLoginCredentialsForHost():*

URLRequestHeader
 P: flash.net
 → Object
 name:String
 value:String
 URLRequestHeader()

URLRequestMethod
 P: flash.net
 → Object
[DELETE:String](#)
[GET:String](#)
[HEAD:String](#)
[OPTIONS:String](#)
[POST:String](#)
[PUT:String](#)

URLStream
 P: flash.net
 → EventDispatcher
 IDataInput
 bytesAvailable:uint

connected:Boolean
 endian:String
 objectEncoding:uint
 close():void
 load():void
 load():void
 readBoolean():Boolean
 readByte():int
 readBytes():void
 readDouble():Number
 readFloat():Number
 readInt():int
 readMultiByte():String
 readObject():*
 readShort():int
 readUnsignedByte():uint
 readUnsignedInt():uint
 readUnsignedShort():uint
 readUTF():String
 readUTFBytes():String

URLUtil ■
 P: mx.utils
 → Object
[SERVER_NAME_TOKEN:String](#)
[SERVER_PORT_TOKEN:String](#)
 getFullURL():String
 getPort():uint
 getProtocol():String
 getServerName():String
 getServerNameWithPort():String
 hasUnresolvableTokens():Boolean
 isHTTPSURL():Boolean
 isHTTPURL():Boolean
 objectToString():String
 replacePort():String
 replaceProtocol():String
 replaceTokens():String
[stringToObject\(\):Object](#)
 urisEqual():Boolean

URLVariables
 P: flash.net
 → Object
 decode():void
 toString():String
 URLVariables():void

Utils3D
 P: flash.geom
 → Object
 pointTowards():Matrix3D
 projectVector():Vector3D
 projectVectors():void

ValidationResult ■
 P: mx.validators
 → Object
 errorCode:String
 errorMessage:String
 isError:Boolean
 subField:String
 ValidationResult():void

ValidationResultEvent ■
 P: mx.events
 → Event
 field:String
[INVALID:String](#)
 message:String
 results:Array
[VALID:String](#)
 ValidationResultEvent():void

Validator ■
 P: mx.validators
 → EventDispatcher
 IMXMLObject
 actualListeners:Array
 actualTrigger:IEventDispatcher
[DECIMAL_DIGITS:String](#)
 enabled:Boolean
 listener:Object
 property:String
 required:Boolean
 requiredFieldError:String
 resourceManager:IResourceManager
[ROMAN_LETTERS:String](#)
 source:Object
 subFields:Array
 trigger:IEventDispatcher
 triggerEvent:String
 addListenerHandler():void
 doValidation():Array
 getValueFromSource():Object
 handleResults():ValidationResultEvent
 initialized():void
 isRealValue():Boolean
 removeListenerHandler():void
 resourcesChanged():void
 validate():ValidationResultEvent
 validateAll():Array
 Validator():void

VBox ■
 P: mx.containers
 → Box

VDividedBox ■
 P: mx.containers
 → DividedBox

Vector
 P: Top Level
 → Object
 fixed:Boolean
 length:uint
 concat():Vector.<T>
 every():Boolean
 filter():Vector.<T>
 forEach():void
 indexOf():int
 join():String
 lastIndexOf():int
 map():Vector.<T>
 pop():T
 push():uint
 reverse():Vector.<T>
 shift():T
 slice():Vector.<T>
 some():Boolean
 sort():Vector.<T>
 splice():Vector.<T>
 toString():String
 toLocaleString():String
 unshift():uint

Vector3D
 P: flash.geom
 → Object
 length:Number
 lengthSquared:Number
 x:Number
[X_AXIS:Vector3D](#)
 y:Number
[Y_AXIS:Vector3D](#)
 z:Number
[Z_AXIS:Vector3D](#)

w:Number
 add():Vector3D
 angleBetween():Number
 clone():Vector3D
 crossProduct():Vector3D
 decrementBy():void
 distance():Number
 dotProduct():Number
 equals():Boolean
 incrementBy():void
 nearEquals():Boolean
 negate():void
 normalize():Number
 project():void
 scaleBy():void
 subtract():Vector3D
 toString():String

VerifyError
 P: Top Level
 → Error
 VerifyError():void

Video
 P: flash.media
 → EventDispatcher
 deblocking:int
 smoothing:Boolean
 videoHeight:int
 videoWidth:int
 attachCamera():void
 attachNetStream():void
 clear():void
 Video():void

VideoDisplay ■
 P: mx.controls
 → UIComponent
 autoBandWidthDetection:Boolean
 autoPlay:Boolean
 autoRewind:Boolean
 border:IFlexDisplayObject
 borderMetrics:EdgeMetrics
 bufferTime:Number
 bytesLoaded:int
 bytesTotal:int
 cuePointManager:Object
 cuePointManagerClass:Class
 cuePoints:Array
 idleTimeout:int
 live:Boolean
 maintainAspectRatio:Boolean
 metadata:Object
 playheadTime:Number
 playheadUpdateInterval:int
 playing:Boolean
 progressInterval:int
 source:String
 state:String
 stateResponsive:Boolean
 state:String
 stateResponsive:Boolean
 totalTime:Number
 videoHeight:int
 videoWidth:int
 volume:Number
 attachCamera():void
 close():void
 createBorder():void
 layoutChrome():void
 load():void
 pause():void
 play():void
 stop():void
 VideoDisplay()

VideoDisplayAutomationImpl ■
 P: mx.automation.delegates.
 controls
 → UIComponentAutomationImpl
 init():void
 VideoDisplayAutomationImpl()

VideoError ■
 P: mx.controls.videoClasses
 → Error
 code:uint
[DELETE_DEFAULT_PLAYER:uint](#)
[ILLEGAL_CUE_POINT:uint](#)
[INVALID_CONTENT_PATH:uint](#)
[INVALID_SEEK:uint](#)
[INVALID_XML:uint](#)
[NO_BITRATE_MATCH:uint](#)
[NO_CONNECTION:uint](#)
[NO_CUE_POINT_MATCH:uint](#)
 VideoError()

VideoEvent ■
 P: mx.events
 → Event

[BUFFERING:String](#)
[CLOSE:String](#)
[COMPLETE:String](#)
[SMOOTHING:Boolean](#)
[CONNECTION_ERROR:String](#)
[DISCONNECTED:String](#)
[EXEC_QUEUEUED_CMD:String](#)
[LOADING:String](#)
[PAUSED:String](#)
[PLAYHEAD_UPDATE:String](#)
 playheadTime:Number
[PLAYING:String](#)
[READY:String](#)
[RESIZING:String](#)
[REWIND:String](#)
[REWINDING:String](#)
[SEEKING:String](#)
 state:String
[STATE_CHANGE:String](#)
[stateResponsive:Boolean](#)
[STOPPED:String](#)
 VideoEvent()

ViewStack ■
 P: mx.containers
 → Container
 IHistoryManagerClient
 contentHeight:Number
 contentWidth:Number
 contentX:Number
 contentY:Number
 historyManagementEnabled:Boolean
 resizeToContent:Boolean
 selectedChild:Container
 selectedIndex:int
 commitSelectedIndex():void
 loadState():void
 measure():void
 saveState():Object
 updateDisplayList():void
 ViewStack()

ViewStackAutomationImpl ■
 P: mx.automation.delegates.
 containers
 → ContainerAutomationImpl
 init():void
 ViewStackAutomationImpl()

VRule ■

P: mx.controls
→ UIComponent

VScrollBar ■

P: mx.controls
→ ScrollBar

VSlider ■

P: mx.controls
→ Slider

WebService ■

P: mx.rpc.soap
→ AbstractWebService
[DEFAULT_DESTINATION_HTTP:String](#)
[DEFAULT_DESTINATION_HTTPS:String](#)
[wsdl:String](#)
canLoadWSDL():Boolean
getOperation():AbstractOperation
initializeOperation():void
loadWSDL():void
toString():String
WebService()

WebService ■

P: mx.rpc.soap.mxxml
→ WebService
IMXMLSupport
IMXMLObject
concurrency:String
serviceName:String
showBusyCursor:Boolean
getOperation():AbstractOperation
initialized():void
WebService():void

WedgeItemRenderer ■

P: mx.charts.renderers
→ ProgrammaticSkin
IDataRenderer
data:Object
WedgeItemRenderer()

Window ■●

P: mx.core
→ LayoutContainer
IWindow
alwaysInFront:Boolean
closed:Boolean
controlBar:IUIComponent
cursorManager:
maxHeight:Number
maximizable:Boolean
maxWidth:Number
menu:FlexNativeMenu
minHeight:Number
minimizable:Boolean
minWidth:Number
nativeWindow:NativeWindow
resizable:Boolean
showGripper:Boolean
showStatusBar:Boolean
showTitleBar:Boolean
status:String
statusBar:UIComponent
statusBarFactory:IFactory
statusBarStyleFilters:Object
systemChrome:String
title:String
titleBar:UIComponent
titleBarFactory:IFactory
titleBarStyleFilters:Object
titleIcon:Class

transparent:Boolean
type:String
visible:Boolean
activate():void
close():void
[getWindow\(\):Window](#)
maximize():void
minimize():void
mouseDownHandler():void
open():void
orderInBackOf():Boolean
orderInFrontOf():Boolean
orderToBack():Boolean
orderToFront():Boolean
restore():void
Window()

WindowBackground ■●

P: mx.skins.halo
→ ProgrammaticSkin

WindowCloseButtonSkin ■●

P: mx.skins.halo
→ UIComponent

WindowedApplication ■●

P: mx.core
→ Application
IWindow
alwaysInFront:Boolean
applicationID:String
autoExit:Boolean
closed:Boolean
dockIconMenu:FlexNativeMenu
maxHeight:Number
maximizable:Boolean
maxWidth:Number
menu:FlexNativeMenu
minHeight:Number
minimizable:Boolean
minWidth:Number
nativeApplication:NativeApplication
nativeWindow:NativeWindow
resizable:Boolean
showGripper:Boolean
showStatusBar:Boolean
showTitleBar:Boolean
status:String
statusBar:UIComponent
statusBarFactory:IFactory
statusBarStyleFilters:Object
systemChrome:String
systemTrayIconMenu:FlexNativeMenu
title:String
titleBar:UIComponent
titleBarFactory:IFactory
titleBarStyleFilters:Object
titleIcon:Class
transparent:Boolean
type:String
activate():void
close():void
exit():void
maximize():void
minimize():void
mouseDownHandler():void
orderInBackOf():Boolean
orderInFrontOf():Boolean
orderToBack():Boolean
orderToFront():Boolean
restore():void
WindowedApplication()

WindowedSystemManager ■●

P: mx.managers
→ MovieClip
ISystemManager
cursorChildren:IChildList
document:Object
embeddedFontList:Object
focusPane:Sprite
height:Number
numModalWindows:int
popupChildren:IChildList
rawChildren:IChildList
screen:Rectangle
toolTipChildren:IChildList
topLevelSystemManager:ISystemManager
width:Number
activate():void
addFocusManager():void
create():Object
deactivate():void
getDefinitionByName():Object
isFontFaceEmbedded():Boolean
isTopLevel():Boolean
isTopLevelWindow():Boolean
removeFocusManager():void
WindowedSystemManager():

WindowMaximizeButtonSkin ■●

P: mx.skins.halo
→ UIComponent

WindowMinimizeButtonSkin ■●

P: mx.skins.halo
→ UIComponent

WindowRestoreButtonSkin ■●

P: mx.skins.halo
→ UIComponent

WipeDown ■

P: mx.effects
→ MaskEffect

WipeDownInstance ■

P: mx.effects.effectClasses
→ MaskEffectInstance

WipeLeft ■

P: mx.effects
→ MaskEffect

WipeLeftInstance ■

P: mx.effects.effectClasses
→ MaskEffectInstance

WipeRight ■

P: mx.effects
→ MaskEffect

WipeRightInstance ■

P: mx.effects.effectClasses
→ MaskEffectInstance

WipeUp ■

P: mx.effects
→ MaskEffect

WipeUpInstance ■

P: mx.effects.effectClasses
→ MaskEffectInstance

WSDLBinding ■

P: mx.rpc.wsdl
→ Object
name:String
portType:
style:String
transport:String
WSDLBinding()

XML

P: Top Level
→ Object
[ignoreComments:Boolean](#)
[ignoreProcessingInstructions:Boolean](#)
[ignoreWhitespace:Boolean](#)
[prettyIndent:int](#)
[prettyPrinting:Boolean](#)
addNamespace():XML
appendChild():XML
attribute():XMLList
attributes():XMLList
child():XMLList
childIndex():int
children():XMLList
comments():XMLList
contains():Boolean
copy():XML
[defaultSettings\(\):Object](#)
descendants():XMLList
elements():XMLList
hasComplexContent():Boolean
hasOwnProperty():Boolean
hasSimpleContent():Boolean
inScopeNamespaces():Array
insertChildAfter():*
insertChildBefore():*
localName():Object
name():Object
namespace():*
namespaceDeclarations():Array
nodeKind():String
normalize():XML
parent():*
prependChild():XML
processingInstructions():XMLList
propertyIsEnumerable():Boolean
removeNamespace():XML
replace():XML
setChildren():XML
setLocalName():void
setName():void
setNamespace():void
[setSettings\(\):void](#)
[settings\(\):Object](#)
text():XMLList
toString():String
toXMLString():String
valueOf():XML
XML()

XMLDocument

P: flash.xml
→ Object
[docTypeDecl:Object](#)
[idMap:Object](#)
[ignoreWhite:Boolean](#)
[xmlDecl:Object](#)
createElement():XMLNode
createTextNode():XMLNode
parseXML():void
toString():String
XMLDocument()

XMLList

P: Top Level
→ Object
attribute():XMLList
attributes():XMLList
child():XMLList
children():XMLList
comments():XMLList
contains():Boolean
copy():XMLList
descendants():XMLList
elements():XMLList
hasComplexContent():Boolean
hasOwnProperty():Boolean
hasSimpleContent():Boolean
length():int
normalize():XMLList
parent():Object
processingInstructions():XMLList
propertyIsEnumerable():Boolean
text():XMLList
toString():String
toXMLString():String
valueOf():XMLList
XMLList()

XMLListCollection ■

P: mx.collections
→ ListCollectionView
[source:XMLList](#)
attribute():XMLList
attributes():XMLList
child():XMLList
children():XMLList
copy():XMLList
descendants():XMLList
elements():XMLList
text():XMLList
toString():String
toXMLString():String
XMLListCollection()

XMLNode

P: flash.xml
→ Object
attributes:Object
childNodes:Array
firstChild:XMLNode
lastChild:XMLNode
localName:String
namespaceURI:String
nextSibling:XMLNode
nodeName:String
nodeType:uint
nodeValue:String
parentNode:XMLNode
prefix:String
previousSibling:XMLNode
appendChild():void
cloneNode():XMLNode
getPrefixForNamespace():String
hasChildNodes():Boolean
insertBefore():void
removeNode():void
toString():String
XMLNode()

XMLNodeType

P: flash.xml
→ Object
[ELEMENT_NODE:uint](#)
[TEXT_NODE:uint](#)

XMLSignatureValidator ●

P: flash.security
→ EventDispatcher
digestStatus:String
identityStatus:String
referencesStatus:String
referencesValidationSetting:String
revocationCheckSetting:String
signerCN:String
signerDN:String
signerExtendedKeyUsages:Array
signerTrustSettings:Array
uriDereferencer:URIDereferencer
useSystemTrustStore:Boolean
validityStatus:String
addCertificate():*
verify():void
XMLSignatureValidator()

XMLSocket

P: flash.net
→ EventDispatcher
[connected:Boolean](#)
close():void
connect():void
send():void
XMLSocket()

XMLUtil ■

P: mx.utils
→ Object
[createXMLDocument\(\):XMLDocument](#)
[getAttributeByQName\(\):XMLList](#)
[qnamesEqual\(\):Boolean](#)
[qnameToString\(\):String](#)

ZipCodeFormatter ■

P: mx.flash
→ Formatter
[formatString:String](#)
format():String
ZipCodeFormatter()

ZipCodeValidator ■

P: mx.validators
→ Validator
[allowedFormatChars:String](#)
domain:String
invalidCharError:String
invalidDomainError:String
wrongCAFormatError:String
wrongLengthError:String
wrongUSFormatError:String
doValidation():Array
[validateZipCode\(\):Array](#)
[ZipCodeValidator\(\)](#)

ZipCodeValidatorDomainType ■

P: mx.validators
→ Object
[US_ONLY:String](#)
[US_OR_CANADA:String](#)

Zoom ■

P: mx.effects
→ TweenEffect
captureRollEvents:Boolean
originX:Number
originY:Number
zoomHeightFrom:Number
zoomHeightTo:Number
zoomWidthFrom:Number
zoomWidthTo:Number
Zoom()

ZoomInstance ■

P: mx.effects.effectClasses
→ TweenEffectInstance
captureRollEvents:Boolean
originX:Number
originY:Number
zoomHeightFrom:Number
zoomHeightTo:Number
zoomWidthFrom:Number
zoomWidthTo:Number
ZoomInstance()

Online Resources and Information

Developer resources

API references

Adobe ActionScript 3
www.adobe.com/go/flex3_apiref

Adobe AIR JavaScript
www.adobe.com/go/learn_air_html_jslr

Documentation

Flex 3
www.adobe.com/go/flex_documentation

Adobe AIR
www.adobe.com/go/airdocs

Developer centers

Adobe Developer Center
www.adobe.com/devnet

Adobe AIR
www.adobe.com/go/airdevcenter

Flex
www.adobe.com/go/flex_devcenter

Flash Player
www.adobe.com/go/flashplayerdevcenter

Miscellaneous resources

Adobe Flex public bugbase
<http://bugs.adobe.com/flex>

Flex.org
www.flex.org

Flex quick start tutorials
www.adobe.com/go/flex3_quick_start_tutorials

Adobe Labs
www.adobe.com/go/labs

Open source Flex
www.adobe.com/go/opensourceflex

Mailing lists

Flex coders
www.adobe.com/go/flexcoders

Apollo coders (Adobe AIR)
<http://tech.groups.yahoo.com/group/apollocoders>

Forums

Flex
www.adobe.com/go/flex_forums

Adobe AIR
www.adobe.com/go/airforums

Downloads

Flex SDK
www.adobe.com/go/flex3_sdk

Flex Builder 3
www.adobe.com/go/flex_trial

Adobe AIR
www.adobe.com/go/getair

Product technology pages

Flex
www.adobe.com/go/flex

Flex Builder
www.adobe.com/go/flexbuilder

Adobe AIR
www.adobe.com/go/air

Flash Player
www.adobe.com/go/flashplayer

Adobe Creative Suite® 4
www.adobe.com/go/creativesuite