ActionScript 3.0
www.actionscriptcheatsheet.com
info@seantheflashguy.com

AS3 Migration

Global functions

AS2	AS3
asfunction	flash.text.TextField dispatches event: link
call()	Removed
chr()	Removed
clearInterval()	flash.utils.clearInterval()
clearTimeout()	flash.utils.clearTimeout()
duplicateMovieClip()	flash.display.MovieClip.MovieClip()
eval()	Removed
fscommand()	flash.system.fscommand()
getProperty()	Removed
getTimer()	flash.utils.getTimer()
getURL()	flash.net.navigateToURL()
getVersion()	flash.system.Capabilities.version
gotoAndPlay()	flash.display.MovieClip.gotoAndPlay()
gotoAndStop()	flash.display.MovieClip.gotoAndStop()
ifFrameLoaded()	flash.display.MovieClip.framesLoaded
int()	int()
length()	String.length
loadMovie()	flash.display.Loader
loadMovieNum()	flash.display.Loader
loadVariables()	flash.net.URLLoader
loadVariablesNum()	flash.net.URLLoader
mbchr()	String.fromCharCode()
mblength()	String.length
mbord()	String.charCodeAt()
mbsubstring()	String.substr()
nextFrame()	flash.display.MovieClip.nextFrame()
nextScene()	flash.display.MovieClip.nextScene()
on()	flash.events.EventDispatcher
onClipEvent()	flash.events.EventDispatcher
ord()	String
parseInt()	parseInt()
play()	flash.display.MovieClip.play()
prevFrame()	flash.display.MovieClip.prevFrame()
prevScene()	flash.display.MovieClip.prevScene()
print()	flash.printing.PrintJob
printAsBitmap()	flash.printing.PrintJob
printAsBitmapNum()	flash.printing.PrintJob
printNum()	flash.printing.PrintJob
random()	Math.random()
removeMovieClip()	Removed
setInterval()	flash.utils.setInterval()
setProperty()	Removed
setTimeout()	flash.utils.setTimeout()
showRedrawRegions()	flash.profiler.showRedrawRegions()
startDrag()	flash.display.Sprite.startDrag()
stop()	flash.display.MovieClip.stop()
stopAllSounds()	flash.media.SoundMixer.stopAll()
stopDrag()	flash.display.Sprite.stopDrag()
substring()	String.substring()
targetPath()	Removed
tellTarget()	Removed
toggleHighQuality()	flash.display.Stage.quality
trace()	trace()
unloadMovie()	flash.display.Loader.unload()
unloadMovieNum()	flash.display.Loader.unload()
updateAfterEvent()	flash.events.TimerEvent.updateAfterEvent()

Color class — flash.geom.ColorTransform

AS2	AS3
Color Constructor	flash.geom.ColorTransform.ColorTransform()
getRGB() Method	flash.geom.ColorTransform.color
getTransform() Method	Removed
setRGB() Method	flash.geom.ColorTransform.color
setTransform() Method	Removed

ConvolutionFilter class

clone() Method	flash.filters.ConvolutionFilter.clone()

Global properties

AS2	AS3
_accProps	flash.accessibility.AccessibilityProperties
_focusrect	flash.display.InteractiveObject.focusRect
_global	Removed
_highquality	flash.display.Stage.quality
_level	Removed
maxscroll	flash.text.TextField
_parent	flash.display.DisplayObject.parent
_quality	flash.display.Stage.quality
_root	flash.display.DisplayObject.stage
scroll	flash.text.TextField
_soundbuftime	flash.media.SoundMixer.bufferTime
this	this

Array class

AS2	AS3
CASEINSENSITIVE Constant	Array.CASEINSENSITIVE
DESCENDING Constant	Array.DESCENDING
length Property	Array.length
NUMERIC Constant	Array.NUMERIC
RETURNINDEXEDARRAY: Cnst	Array.RETURNINDEXEDARRAY
UNIQUESORT Constant	Array.UNIQUESORT
Array Constructor	Array.Array()
push() Method	Array.push()
sort() Method	Array.sort()
sortOn() Method	Array.sortOn()
splice() Method	Array.splice()
unshift() Method	Array.unshift()

BitmapData class — flash.display.BitmapData

AS2	AS3
height Property[read-only]	flash.display.BitmapData.height
rectangle Property[read-only]	flash.display.BitmapData.rect
width Property[read-only]	flash.display.BitmapData.width
copyChannel() Method	flash.display.BitmapData.copyChannel()
draw() Method	flash.display.BitmapData.draw()
fillRect() Method	flash.display.BitmapData.fillRect()
floodFill() Method	flash.display.BitmapData.floodFill()
getColorBoundsRect() Method	flash.display.BitmapData.getColorBoundsRect()
getPixel() Method	flash.display.BitmapData.getPixel()
getPixel32() Method	flash.display.BitmapData.getPixel32()
hitTest() Method	flash.display.BitmapData.hitTest()
loadBitmap() Method	Removed
merge() Method	flash.display.BitmapData.merge()
noise() Method	flash.display.BitmapData.noise()
perlinNoise() Method	flash.display.BitmapData.perlinNoise()
pixelDissolve() Method	flash.display.BitmapData.pixelDissolve()
scroll() Method	flash.display.BitmapData.scroll()
setPixel() Method	flash.display.BitmapData.setPixel()
setPixel32() Method	flash.display.BitmapData.setPixel32()
threshold() Method	flash.display.BitmapData.threshold()

BlurFilter class

quality Property	flash.filters.BlurFilter.quality

Accessibility class — flash.accessibility.Accessibility

isActive()	flash.accessibility.Accessibility.active
updateProperties()	flash.accessibility.Accessibility.updateProperties()

AsBroadcaster class — flash.events.EventDispatcher

_listeners Property[read-only]	flash.events.EventDispatcher.willTrigger()
addListener() Method	flash.events.EventDispatcher.addEventListener()
broadcastMessage() Method	flash.events.EventDispatcher.dispatchEvent()
initialize() Method	Removed
removeListener() Method	flash.events.EventDispatcher.removeEventListener()

capabilities class — flash.system.Capabilities
Date class — Date

getUTCYear() Method	Date.getUTCFullYear()
getYear() Method	Date.getFullYear()
setYear() Method	Date.setFullYear()

Compiler Directives

AS2	AS3
#endinitclip	Removed
#include	Removed
#initclip	Removed

Constants

false	false
NaN	NaN
newline	Removed
null	null
undefined	undefined

Operators

add	Removed
eq	Removed
gt	Removed
ge	Removed
< >	Removed
instanceof	is
lt	Removed
le	Removed
and	Removed
not	Removed
or	Removed
ne	Removed

Statements

delete	delete
import	import
intrinsic	Removed
private	private
set variable	Removed
super	super

arguments class

caller Property	Removed

AS2	AS3
Button class	**flash.display.SimpleButton**
_alpha Property	flash.display.DisplayObject.alpha
blendMode Property	flash.display.DisplayObject.blendMode
cacheAsBitmap Property	flash.display.DisplayObject.cacheAsBitmap
enabled Property	flash.display.SimpleButton.enabled
filters Property	flash.display.DisplayObject.filters
_focusrect Property	flash.display.InteractiveObject.focusRect
_height Property	flash.display.DisplayObject.height
_highquality Property	Removed
_name Property	flash.display.DisplayObject.name
_parent Property	flash.display.DisplayObject.parent
_quality Property	Removed
_rotation Property	flash.display.DisplayObject.rotation
scale9Grid Property	flash.display.DisplayObject.scale9Grid
_soundbuftime Property	flash.media.SoundMixer.bufferTime
tabEnabled Property	flash.display.InteractiveObject.tabEnabled
tabIndex Property	flash.display.InteractiveObject.tabIndex
_target Property[read-only]	Removed
trackAsMenu Property	flash.display.SimpleButton.trackAsMenu
_url Property[read-only]	Removed
useHandCursor Property	flash.display.SimpleButton.useHandCursor
_visible Property	flash.display.DisplayObject.visible
_width Property	flash.display.DisplayObject.width
_x Property	flash.display.DisplayObject.x
_xmouse Property[read-only]	flash.display.DisplayObject.mouseX
_xscale Property	flash.display.DisplayObject.scaleX
_y Property	flash.display.DisplayObject.y
_ymouse Property[read-only]	flash.display.DisplayObject.mouseY
_yscale Property	flash.display.DisplayObject.scaleY
getDepth() Method	flash.display.DisplayObjectContainer.getChildIndex()
onDragOut() EventHandler	flash.display.InteractiveObject dispatches event: mouseOut
onDragOver() EventHandler	flash.display.InteractiveObject dispatches event: mouseOver
onKeyDown() EventHandler	flash.display.InteractiveObject dispatches event: keyDown
onKeyUp() EventHandler	flash.display.InteractiveObject dispatches event: keyUp
onKillFocus() EventHandler	flash.display.InteractiveObject dispatches event: focusOut
onPress() EventHandler	flash.display.InteractiveObject dispatches event: mouseDown
onRelease() EventHandler	flash.display.InteractiveObject dispatches event: mouseUp
onReleaseOutside() EventHandler	flash.display.InteractiveObject dispatches event: mouseUp
onRollOut() EventHandler	flash.display.InteractiveObject dispatches event: mouseOut
onRollOver() EventHandler	flash.display.InteractiveObject dispatches event: mouseOver
onSetFocus() EventHandler	flash.display.InteractiveObject dispatches event: focusIn
GlowFilter class	**flash.filters.GlowFilter**
color Property	flash.filters.GlowFilter.color
quality Property	flash.filters.GlowFilter.quality
GlowFilter Constructor	flash.filters.GlowFilter.GlowFilter()
clone() Method	flash.filters.GlowFilter.clone()
GradientBevelFilter class	**flash.filters.GradientBevelFilter**
quality Property	flash.filters.GradientBevelFilter.quality
clone() Method	flash.filters.GradientBevelFilter.clone()
GradientGlowFilter class	**flash.filters.GradientGlowFilter**
quality Property	flash.filters.GradientGlowFilter.quality
GradientGlowFilter Constructor	flash.filters.GradientGlowFilter.GradientGlowFilter()
clone() Method	flash.filters.GradientGlowFilter.clone()

AS2	AS3
Camera class	**flash.media.Camera**
activityLevel Property[read-only]	flash.media.Camera.activityLevel
bandwidth Property[read-only]	flash.media.Camera.bandwidth
currentFps Property[read-only]	flash.media.Camera.currentFPS
fps Property[read-only]	flash.media.Camera.fps
height Property[read-only]	flash.media.Camera.height
index Property[read-only]	flash.media.Camera.index
motionLevel Property[read-only]	flash.media.Camera.motionLevel
motionTimeOut Property[read-only]	flash.media.Camera.motionTimeout
muted Property[read-only]	flash.media.Camera.muted
name Property[read-only]	flash.media.Camera.name
names Property[read-only]	flash.media.Camera.names
quality Property[read-only]	flash.media.Camera.quality
width Property[read-only]	flash.media.Camera.width
get() Method	flash.media.Camera.getCamera()
onActivity() EventHandler	flash.events.ActivityEvent.ACTIVITY
onStatus() EventHandler	flash.media.Camera dispatches event: status
setMode() Method	flash.media.Camera.setMode()
setMotionLevel() Method	flash.media.Camera.setMotionLevel()
setQuality() Method	flash.media.Camera.setQuality()
ContextMenu class	**flash.ui.ContextMenu**
builtInItems Property	flash.ui.ContextMenu.builtInItems
customItems Property	flash.ui.ContextMenu.customItems
ContextMenu Constructor	flash.ui.ContextMenu.ContextMenu()
copy() Method	flash.ui.ContextMenu.clone()
hideBuiltInItems() Method	flash.ui.ContextMenu.hideBuiltInItems()
onSelect() EventHandler	flash.ui.ContextMenu dispatches event: menuSelect
FileReference class	**flash.net.FileReference**
postData Property	flash.net.URLRequest.data
size Property[read-only]	flash.net.FileReference.size
addListener() Method	flash.events.EventDispatcher.addEventListener()
browse() Method	flash.net.FileReference.browse()
download() Method	flash.net.FileReference.download()
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
upload() Method	flash.net.FileReference.upload()
onCancel Listener	flash.net.FileReference dispatches event: cancel
onComplete Listener	flash.net.FileReference dispatches event: complete
onHTTPError Listener	flash.net.FileReference dispatches event: httpStatus
onIOError Listener	flash.net.FileReference dispatches event: ioError
onOpen Listener	flash.net.FileReference dispatches event: open
onProgress Listener	flash.net.FileReference dispatches event: progress
onSecurityError Listener	flash.net.FileReference dispatches event: securityError
onSelect Listener	flash.net.FileReference dispatches event: select
onUploadCompleteData	flash.net.FileReference dispatches event: complete
FileReferenceList class	**flash.net.FileReferenceList**
addListener() Method	flash.events.EventDispatcher.addEventListener()
browse() Method	flash.net.FileReferenceList.browse()
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
onCancel Listener	flash.net.FileReferenceList dispatches event: cancel
onSelect Listener	flash.net.FileReferenceList dispatches event: select
Error class	**Error**
ExternalInterface class	**flash.external.ExternalInterface**
addCallback() Method	flash.external.ExternalInterface.addCallback()
call() Method	flash.external.ExternalInterface.call()

AS2	AS3
IME class	**flash.system.IME**
ALPHANUMERIC_FULL Constant	flash.system.IMEConversionMode.ALPHANUMERIC_FULL
ALPHANUMERIC_HALF Constant	flash.system.IMEConversionMode.ALPHANUMERIC_HALF
CHINESE Constant	flash.system.IMEConversionMode.CHINESE
JAPANESE_HIRAGANA Constant	flash.system.IMEConversionMode.JAPANESE_HIRAGANA
JAPANESE_KATAKANA_FULL Constant	flash.system.IMEConversionMode.JAPANESE_KATAKANA_FULL
JAPANESE_KATAKANA_HALF Constant	flash.system.IMEConversionMode.JAPANESE_KATAKANA_HALF
KOREAN Constant	flash.system.IMEConversionMode.KOREAN
UNKNOWN Constant	flash.system.IMEConversionMode.UNKNOWN
addListener() Method	flash.events.EventDispatcher.addEventListener()
getConversionMode() Method	flash.system.IME.conversionMode
getEnabled() Method	flash.system.IME.enabled
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
setConversionMode() Method	flash.system.IME.conversionMode
setEnabled() Method	flash.system.IME.enabled
onIMEComposition Listener	flash.system.IME dispatches event: imeComposition
DisplacementMapFilter class	**flash.filters.DisplacementMapFilter**
color Property	flash.filters.DisplacementMapFilter.color
componentX Property	flash.filters.DisplacementMapFilter.componentX
componentY Property	flash.filters.DisplacementMapFilter.componentY
DisplacementMapFilter Constructor	flash.filters.DisplacementMapFilter.DisplacementMapFilter()
clone() Method	flash.filters.DisplacementMapFilter.clone()
LocalConnection class	**flash.net.LocalConnection**
LocalConnection Constructor	flash.net.LocalConnection.LocalConnection()
allowDomain() EventHandler	flash.net.LocalConnection.allowDomain()
allowInsecureDomain() EventHandler	flash.net.LocalConnection.allowInsecureDomain()
close() Method	flash.net.LocalConnection.close()
connect() Method	flash.net.LocalConnection.connect()
domain() Method	flash.net.LocalConnection.domain
onStatus() EventHandler	flash.net.LocalConnection dispatches event: status
send() Method	flash.net.LocalConnection.send()
Microphone class	**flash.media.Microphone**
index Property[read-only]	flash.media.Microphone.index
rate Property[read-only]	flash.media.Microphone.rate
silenceTimeOut Property[read-only]	flash.media.Microphone.silenceTimeout
get() Method	flash.media.Microphone.getMicrophone()
onActivity() EventHandler	flash.media.Microphone dispatches event: activity
onStatus() EventHandler	flash.media.Microphone dispatches event: status
setGain() Method	flash.media.Microphone.gain
setRate() Method	flash.media.Microphone.rate
setSilenceLevel() Method	flash.media.Microphone.setSilenceLevel()
setUseEchoSuppression() Method	flash.media.Microphone.setUseEchoSuppression()
LoadVars class	**flash.net.URLLoader**
contentType Property	flash.net.URLRequest.contentType
loaded Property	Removed
LoadVars Constructor	flash.net.URLLoader.URLLoader()
addRequestHeader() Method	flash.net.URLRequestHeader
decode() Method	flash.net.URLVariables.decode()
getBytesLoaded() Method	flash.net.URLLoader.bytesLoaded
getBytesTotal() Method	flash.net.URLLoader.bytesTotal
load() Method	flash.net.URLLoader.load()
onData() EventHandler	flash.net.URLLoader dispatches event: complete
onHTTPStatus() EventHandler	flash.net.URLLoader dispatches event: httpStatus
onLoad() EventHandler	flash.net.URLLoader dispatches event: complete
send() Method	flash.net.sendToURL()
sendAndLoad() Method	flash.net.sendToURL()
toString() Method	Removed

AS2	AS3
Key class	**flash.ui.Keyboard**
BACKSPACE Constant	flash.ui.Keyboard.BACKSPACE
CAPSLOCK Constant	flash.ui.Keyboard.CAPS_LOCK
CONTROL Constant	flash.ui.Keyboard.CONTROL
DELETEKEY Constant	flash.ui.Keyboard.DELETE
DOWN Constant	flash.ui.Keyboard.DOWN
END Constant	flash.ui.Keyboard.END
ENTER Constant	flash.ui.Keyboard.ENTER
ESCAPE Constant	flash.ui.Keyboard.ESCAPE
HOME Constant	flash.ui.Keyboard.HOME
INSERT Constant	flash.ui.Keyboard.INSERT
LEFT Constant	flash.ui.Keyboard.LEFT
_listeners Property[read-only]	flash.events.EventDispatcher.willTrigger()
PGDN Constant	flash.ui.Keyboard.PAGE_DOWN
PGUP Constant	flash.ui.Keyboard.PAGE_UP
RIGHT Constant	flash.ui.Keyboard.RIGHT
SHIFT Constant	flash.ui.Keyboard.SHIFT
SPACE Constant	flash.ui.Keyboard.SPACE
TAB Constant	flash.ui.Keyboard.TAB
UP Constant	flash.ui.Keyboard.UP
addListener() Method	flash.events.EventDispatcher.addEventListener()
getAscii() Method	flash.events.KeyboardEvent.charCode
getCode() Method	flash.events.KeyboardEvent.keyCode
isAccessible() Method	flash.ui.Keyboard.isAccessible()
isDown() Method	Removed
isToggled() Method	Removed
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
onKeyDown Listener	flash.display.InteractiveObject dispatches event: keyDown
onKeyUp Listener	flash.display.InteractiveObject dispatches event: keyUp
Mouse class	**flash.ui.Mouse**
addListener() Method	flash.events.EventDispatcher.addEventListener()
hide() Method	flash.ui.Mouse.hide()
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
show() Method	flash.ui.Mouse.show()
onMouseDown Listener	flash.display.InteractiveObject dispatches event: mouseDown
onMouseMove Listener	flash.display.InteractiveObject dispatches event: mouseMove
onMouseUp Listener	flash.display.InteractiveObject dispatches event: mouseUp
onMouseWheel Listener	flash.display.InteractiveObject dispatches event: mouseWheel
NetConnection class	**flash.net.NetConnection**
NetConnection Constructor	flash.net.NetConnection.NetConnection()
connect() Constructor	flash.net.NetConnection.connect()
NetStream class	**flash.net.NetStream**
bytesLoaded Property[read-only]	flash.net.NetStream.bytesLoaded
bytesTotal Property[read-only]	flash.net.NetStream.bytesTotal
currentFps Property[read-only]	flash.net.NetStream.currentFPS
onStatus() EventHandler	flash.net.NetStream dispatches event: netStatus
pause() Method	flash.net.NetStream.pause()
play() Method	flash.net.NetStream.play()
setBufferTime() Method	flash.net.NetStream.bufferTime
Number class	**Number**
Number Constructor	Number.Number()

AS3 Migration

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MovieClip class — flash.display.MovieClip

MovieClip class	flash.display.MovieClip
_alpha Property	flash.display.DisplayObject.alpha
blendMode Property	flash.display.DisplayObject.blendMode
cacheAsBitmap Property	flash.display.DisplayObject.cacheAsBitmap
_currentframe Property[read-only]	flash.display.MovieClip.currentFrame
_droptarget Property[read-only]	flash.display.Sprite.dropTarget
filters Property	flash.display.DisplayObject.filters
focusEnabled Property	Removed
_focusrect Property	flash.display.InteractiveObject.focusRect
_framesloaded Property[read-only]	flash.display.MovieClip.framesLoaded
_height Property	flash.display.DisplayObject.height
_highquality Property	Removed
hitArea Property	flash.display.Sprite.hitArea
_lockroot Property	Removed
menu Property	Removed
_name Property	flash.display.DisplayObject.name
opaqueBackground Property	flash.display.DisplayObject.opaqueBackground
_parent Property	flash.display.DisplayObject.parent
_quality Property	flash.display.Stage.quality
_rotation Property	flash.display.DisplayObject.rotation
scale9Grid Property	flash.display.DisplayObject.scale9Grid
scrollRect Property	flash.display.DisplayObject.scrollRect
_soundbuftime Property	flash.media.SoundMixer.bufferTime
tabChildren Property	flash.display.DisplayObjectContainer.tabChildren
tabEnabled Property	flash.display.InteractiveObject.tabEnabled
tabIndex Property	flash.display.InteractiveObject.tabIndex
_target Property[read-only]	Removed
_totalframes Property[read-only]	flash.display.MovieClip.totalFrames
trackAsMenu Property	flash.display.MovieClip.trackAsMenu
transform Property	flash.display.DisplayObject.transform
_url Property[read-only]	flash.display.Loader.contentLoaderInfo
useHandCursor Property	flash.display.Sprite.useHandCursor
_visible Property	flash.display.DisplayObject.visible
_width Property	flash.display.DisplayObject.width
_x Property	flash.display.DisplayObject.x
_xmouse Property[read-only]	flash.display.DisplayObject.mouseX
_xscale Property	flash.display.DisplayObject.scaleX
_y Property	flash.display.DisplayObject.y
_ymouse Property[read-only]	flash.display.DisplayObject.mouseY
_yscale Property	flash.display.DisplayObject.scaleY
attachAudio() Method	Removed
attachBitmap() Method	Removed
attachMovie() Method	Removed
beginBitmapFill() Method	flash.display.Graphics.beginBitmapFill()
beginFill() Method	flash.display.Graphics.beginFill()
beginGradientFill() Method	flash.display.Graphics.beginGradientFill()
clear() Method	flash.display.Graphics.clear()
createEmptyMovieClip() Method	Removed
createTextField() Method	Removed
curveTo() Method	flash.display.Graphics.curveTo()
duplicateMovieClip() Method	Removed
endFill() Method	flash.display.Graphics.endFill()
getBounds() Method	flash.display.DisplayObject.getBounds()
getBytesLoaded() Method	flash.net.URLLoader.bytesLoaded
getBytesTotal() Method	flash.net.URLLoader.bytesTotal
getDepth() Method	flash.display.DisplayObjectContainer.getChildIndex()
getInstanceAtDepth() Method	flash.display.DisplayObjectContainer.getChildAt()
getNextHighestDepth() Method	flash.display.DisplayObjectContainer.addChild()
getRect() Method	flash.display.DisplayObject.getRect()
getSWFVersion() Method	flash.display.LoaderInfo.swfVersion
getTextSnapshot() Method	flash.display.DisplayObjectContainer.textSnapshot
getURL() Method	flash.net.navigateToURL()
globalToLocal() Method	flash.display.DisplayObject.globalToLocal()
gotoAndStop() Method	flash.display.MovieClip.gotoAndStop()
hitTest() Method	flash.display.DisplayObject.hitTestObject()
lineGradientStyle() Method	flash.display.Graphics.lineGradientStyle()
lineStyle() Method	flash.display.Graphics.lineStyle()
lineTo() Method	flash.display.Graphics.lineTo()

MovieClip class (AS2 → AS3) — flash.display.MovieClip

AS2 MovieClip class	AS3 flash.display.MovieClip
loadMovie() Method	flash.display.Loader.load()
loadVariables() Method	flash.net.URLLoader
localToGlobal() Method	flash.display.DisplayObject.localToGlobal()
moveTo() Method	flash.display.Graphics.moveTo()
nextFrame() Method	flash.display.MovieClip.nextFrame()
onData() EventHandler	flash.display.LoaderInfo dispatches event: complete
onDragOut() EventHandler	flash.display.InteractiveObject dispatches event: mouseOut
onDragOver() EventHandler	flash.display.InteractiveObject dispatches event: mouseOver
onEnterFrame() EventHandler	flash.display.DisplayObject dispatches event: enterFrame
onKeyDown() EventHandler	flash.display.InteractiveObject dispatches event: keyDown
onKeyUp() EventHandler	flash.display.InteractiveObject dispatches event: keyUp
onKillFocus() EventHandler	flash.display.InteractiveObject dispatches event: focusOut
onLoad() EventHandler	flash.display.LoaderInfo dispatches event: complete
onMouseDown() EventHandler	flash.display.InteractiveObject dispatches event: mouseDown
onMouseMove() EventHandler	flash.display.InteractiveObject dispatches event: mouseMove
onMouseUp() EventHandler	flash.display.InteractiveObject dispatches event: mouseUp
onPress() EventHandler	flash.display.InteractiveObject dispatches event: mouseDown
onRelease() EventHandler	flash.display.InteractiveObject dispatches event: mouseUp
onReleaseOutside() EventHandler	flash.display.InteractiveObject dispatches event: mouseUp
onRollOut() EventHandler	flash.display.InteractiveObject dispatches event: mouseOut
onRollOver() EventHandler	flash.display.InteractiveObject dispatches event: mouseOver
onSetFocus() EventHandler	flash.display.InteractiveObject dispatches event: focusIn
onUnload() EventHandler	flash.display.LoaderInfo dispatches event: unload
play() Method	flash.display.MovieClip.play()
prevFrame() Method	flash.display.MovieClip.prevFrame()
removeMovieClip() Method	flash.display.DisplayObjectContainer.removeChild()
setMask() Method	flash.display.DisplayObject.mask
startDrag() Method	flash.display.Sprite.startDrag()
stop() Method	flash.display.MovieClip.stop()
stopDrag() Method	flash.display.Sprite.stopDrag()
swapDepths() Method	Removed
unloadMovie() Method	flash.display.Loader.unload()

Sound class — flash.media.Sound

Sound class	flash.media.Sound
checkPolicyFile	flash.media.SoundChannel.stop()
duration Property[read-only]	flash.media.Sound.length
id3 Property[read-only]	flash.media.Sound.id3
position Property[read-only]	flash.media.SoundChannel.position
attachSound() Method	Removed
getBytesLoaded() Method	flash.media.Sound.bytesLoaded
getBytesTotal() Method	flash.media.Sound.bytesTotal
getPan() Method	flash.media.SoundTransform.pan
getTransform() Method	flash.media.SoundMixer.soundTransform
getVolume() Method	flash.media.SoundTransform.volume
loadSound() Method	flash.media.Sound.load()
onID3() EventHandler	flash.media.Sound dispatches event: id3
onLoad() EventHandler	flash.media.Sound dispatches event: complete
onSoundComplete() EventHandler	flash.media.SoundChannel dispatches event: soundComplete
setPan() Method	flash.media.SoundTransform.pan
setTransform() Method	flash.media.SoundMixer.soundTransform
setVolume() Method	flash.media.SoundChannel
start() Method	flash.media.Sound.play()
stop() Method	flash.media.SoundChannel.stop()

MovieClipLoader class — flash.display.Loader

MovieClipLoader class	flash.display.Loader
MovieClipLoader Constructor	flash.display.Loader.Loader()
addListener() Method	flash.events.EventDispatcher.addEventListener()
getProgress() Method	flash.display.LoaderInfo dispatches event: progress
loadClip() Method	flash.display.Loader.load()
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
unloadClip() Method	flash.display.Loader.unload()
onLoadComplete Listener	flash.display.LoaderInfo dispatches event: complete
onLoadError Listener	flash.display.LoaderInfo dispatches event: ioError
onLoadInit Listener	flash.display.LoaderInfo dispatches event: init
onLoadProgress Listener	flash.display.LoaderInfo dispatches event: progress
onLoadStart Listener	flash.display.LoaderInfo dispatches event: open

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www.actionscriptcheatsheet.com
info@seantheflashguy.com

AS3 Migration

AS2	AS3
String class	**String**
concat() Method	String.concat()
StyleSheet class	**flash.text.StyleSheet**
StyleSheet Constructor	flash.text.StyleSheet.StyleSheet()
clear() Method	flash.text.StyleSheet.clear()
getStyle() Method	flash.text.StyleSheet.getStyle()
getStyleNames() Method	flash.text.StyleSheet.styleNames
load() Method	flash.net.URLLoader.load()
onLoad() EventHandler	flash.net.URLLoader dispatches event: complete
parseCSS() Method	flash.text.StyleSheet.parseCSS()
setStyle() Method	flash.text.StyleSheet.setStyle()
transform() Method	flash.text.StyleSheet.transform()
security class	**flash.system.Security**
System class	**flash.system.System**
exactSettings Property	flash.system.Security.exactSettings
useCodepage Property	flash.system.System.useCodePage
onStatus() EventHandler	Removed
setClipboard() Method	flash.system.System.setClipboard()
showSettings() Method	flash.system.Security.showSettings()
SharedObject class	**flash.net.SharedObject**
flush() Method	flash.net.SharedObject.flush()
getSize() Method	flash.net.SharedObject.size
onStatus() EventHandler	flash.net.SharedObject dispatches event: netStatus
Stage class	**flash.display.Stage**
align Property	flash.display.Stage.align
height Property	flash.display.Stage.stageHeight
scaleMode Property	flash.display.Stage.scaleMode
showMenu Property	flash.display.Stage.showDefaultContextMenu
width Property	flash.display.Stage.stageWidth
addListener() Method	flash.events.EventDispatcher.addEventListener()
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
onResize Listener	flash.display.Stage dispatches event: resize
TextSnapshot class	**flash.text.TextSnapshot**
findText() Method	flash.text.TextSnapshot.findText()
getCount() Method	flash.text.TextSnapshot.charCount
getSelected() Method	flash.text.TextSnapshot.getSelected()
getSelectedText() Method	flash.text.TextSnapshot.getSelectedText()
getText() Method	flash.text.TextSnapshot.getText()
getTextRunInfo() Method	flash.text.TextSnapshot.getTextRunInfo()
hitTestTextNearPos() Method	flash.text.TextSnapshot.hitTestTextNearPos()
setSelectColor() Method	flash.text.TextSnapshot.setSelectColor()
setSelected() Method	flash.text.TextSnapshot.setSelected()
Selection class	**Removed**
addListener() Method	flash.events.EventDispatcher.addEventListener()
getBeginIndex() Method	flash.text.TextField.selectionBeginIndex
getCaretIndex() Method	flash.text.TextField.caretIndex
getEndIndex() Method	flash.text.TextField.selectionEndIndex
getFocus() Method	flash.display.Stage.focus
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
setFocus() Method	flash.display.Stage.focus
setSelection() Method	flash.text.TextField.setSelection()
onSetFocus Listener	flash.display.InteractiveObject dispatches event: focusIn

AS2	AS3
TextRenderer class	**flash.text.TextRenderer**
maxLevel Property	flash.text.TextRenderer.maxLevel
setAdvancedAntialiasingTable() Method	flash.text.TextRenderer.setAdvancedAntiAliasingTable()

AS2	AS3
Object class	**Object**
__proto__ Property	Removed
__resolve Property	flash.utils.Proxy
addProperty() Method	Removed
registerClass() Method	Removed
unwatch() Method	Removed
watch() Method	Removed
PrintJob class	**flash.printing.PrintJob**
orientation Property[read-only]	flash.printing.PrintJob.orientation
pageHeight Property[read-only]	flash.printing.PrintJob.pageHeight
pageWidth Property[read-only]	flash.printing.PrintJob.pageWidth
paperHeight Property[read-only]	flash.printing.PrintJob.paperHeight
paperWidth Property[read-only]	flash.printing.PrintJob.paperWidth
PrintJob Constructor	flash.printing.PrintJob.PrintJob()
addPage() Method	flash.printing.PrintJob.addPage()
send() Method	flash.printing.PrintJob.send()
start() Method	flash.printing.PrintJob.start()
Rectangle class	**flash.printing.PrintJob**
containsRectangle() Method	flash.geom.Rectangle.containsRect()
TextFormat class	**flash.text.TextFormat**
align Property	flash.text.TextFormat.align
blockIndent Property	flash.text.TextFormat.blockIndent
bold Property	flash.text.TextFormat.bold
bullet Property	flash.text.TextFormat.bullet
color Property	flash.text.TextFormat.color
font Property	flash.text.TextFormat.font
indent Property	flash.text.TextFormat.indent
italic Property	flash.text.TextFormat.bullet
kerning Property	flash.text.TextFormat.kerning
leading Property	flash.text.TextFormat.leading
leftMargin Property	flash.text.TextFormat.leftMargin
letterSpacing Property	flash.text.TextFormat.letterSpacing
rightMargin Property	flash.text.TextFormat.rightMargin
size Property	flash.text.TextFormat.size
underline Property	flash.text.TextFormat.underline
url Property	flash.text.TextFormat.url
TextFormat Constructor	flash.text.TextFormat.TextFormat()
getTextExtent() Method	Removed
Video class	**flash.media.Video**
_alpha Property	flash.display.DisplayObject.alpha
deblocking Property	flash.media.Video.deblocking
_height Property	flash.display.DisplayObject.height
height Property[read-only]	flash.media.Video.videoHeight
_name Property	flash.display.DisplayObject.name
_parent Property	flash.display.DisplayObject.parent
_rotation Property	flash.display.DisplayObject.rotation
smoothing Property	flash.media.Video.smoothing
_visible Property	flash.display.DisplayObject.visible
_width Property	flash.display.DisplayObject.width
width Property[read-only]	flash.media.Video.videoWidth
_x Property	flash.display.DisplayObject.x
_xmouse Property[read-only]	flash.display.DisplayObject.mouseX
_xscale Property	flash.display.DisplayObject.scaleX
_y Property	flash.display.DisplayObject.y
_ymouse Property[read-only]	flash.display.DisplayObject.mouseY
_yscale Property	flash.display.DisplayObject.scaleY
attachVideo() Method	flash.media.Video.attachNetStream()
clear() Method	flash.media.Video.clear()

ActionScript 3.0
www.actionscriptcheatsheet.com
info@seantheflashguy.com

AS3 Migration

AS2   *AS3*

TextField class	flash.text.TextField
_alpha Property	flash.display.DisplayObject.alpha
antiAliasType Property	flash.text.TextField.antiAliasType
autoSize Property	flash.text.TextField.autoSize
background Property	flash.text.TextField.background
backgroundColor Property	flash.text.TextField.backgroundColor
border Property	flash.text.TextField.border
borderColor Property	flash.text.TextField.borderColor
bottomScroll Property[read-only]	flash.text.TextField.bottomScrollV
condenseWhite Property	flash.text.TextField.condenseWhite
embedFonts Property	flash.text.TextField.embedFonts
filters Property	flash.display.DisplayObject.filters
gridFitType Property	flash.text.TextField.gridFitType
_height Property	flash.display.DisplayObject.height
_highquality Property	flash.display.Stage.quality
hscroll Property	flash.text.TextField.scrollH
html Property	flash.text.TextField.htmlText
htmlText Property	flash.text.TextField.htmlText
length Property[read-only]	flash.text.TextField.length
maxChars Property	flash.text.TextField.maxChars
maxhscroll Property[read-only]	flash.text.TextField.maxScrollH
maxscroll Property[read-only]	flash.text.TextField.maxScrollV
menu Property	flash.display.InteractiveObject.contextMenu
mouseWheelEnabled Property	flash.text.TextField.mouseWheelEnabled
multiline Property	flash.text.TextField.multiline
_name Property	flash.display.DisplayObject.name
_parent Property	flash.display.DisplayObject.parent
password Property	flash.text.TextField.displayAsPassword
_quality Property	flash.display.Stage.quality
restrict Property	flash.text.TextField.restrict
_rotation Property	flash.display.DisplayObject.rotation
scroll Property	flash.text.TextField.scrollV
selectable Property	flash.text.TextField.selectable
sharpness Property	flash.text.TextField.sharpness
_soundbuftime Property	flash.media.SoundMixer.bufferTime
styleSheet Property	flash.text.TextField.styleSheet
tabEnabled Property	flash.display.InteractiveObject.tabEnabled
tabIndex Property	flash.display.InteractiveObject.tabIndex
_target Property[read-only]	Removed
text Property	flash.text.TextField.text
textColor Property	flash.text.TextField.textColor
textHeight Property	flash.text.TextField.textHeight
textWidth Property	flash.text.TextField.textWidth
thickness Property	flash.text.TextField.thickness
type Property	flash.text.TextField.type
_url Property[read-only]	flash.display.LoaderInfo.url
variable Property	Removed
_visible Property	flash.display.DisplayObject.visible
_width Property	flash.display.DisplayObject.width
wordWrap Property	flash.text.TextField.wordWrap
_x Property	flash.display.DisplayObject.x
_xmouse Property[read-only]	flash.display.DisplayObject.mouseX
_xscale Property	flash.display.DisplayObject.scaleX
_y Property	flash.display.DisplayObject.y
_ymouse Property[read-only]	flash.display.DisplayObject.mouseY
_yscale Property	flash.display.DisplayObject.scaleY
addListener() Method	flash.events.EventDispatcher.addEventListener()
getDepth() Method	flash.display.DisplayObjectContainer
getFontList() Method	flash.text.Font.enumerateFonts()
getNewTextFormat() Method	flash.text.TextField.defaultTextFormat
getTextFormat() Method	flash.text.TextField.getTextFormat()
onChanged() EventHandler	flash.text.TextField dispatches event: change
onKillFocus() EventHandler	flash.display.InteractiveObject dispatches event: focusOut
onScroller() EventHandler	flash.text.TextField dispatches event: scroll
onSetFocus() EventHandler	flash.display.InteractiveObject dispatches event: focusIn
removeListener() Method	flash.events.EventDispatcher.removeEventListener()
removeTextField() Method	flash.display.DisplayObjectContainer.removeChild()
replaceSel() Method	flash.text.TextField.replaceSelectedText()
replaceText() Method	flash.text.TextField.replaceText()
setNewTextFormat() Method	flash.text.TextField.defaultTextFormat
setTextFormat() Method	flash.text.TextField.setTextFormat()

XML class	flash.xml.XMLDocument
contentType Property	flash.net.URLRequest.contentType
docTypeDecl Property	flash.xml.XMLDocument.docTypeDecl
idMap Property	flash.xml.XMLDocument.idMap
ignoreWhite Property	flash.xml.XMLDocument.ignoreWhite
loaded Property	Removed
status Property	Removed
xmlDecl Property	flash.xml.XMLDocument.xmlDecl
XML Constructor	flash.xml.XMLDocument.XMLDocument()
addRequestHeader() Method	flash.net.URLRequest.requestHeaders
createElement() Method	flash.xml.XMLDocument.createElement()
createTextNode() Method	flash.xml.XMLDocument.createTextNode()
getBytesLoaded() Method	flash.net.URLLoader.bytesLoaded
getBytesTotal() Method	flash.net.URLLoader.bytesTotal
load() Method	Removed
onData() EventHandler	flash.net.URLLoader dispatches event: complete
onHTTPStatus() EventHandler	flash.net.URLLoader dispatches event: httpStatus
onLoad() EventHandler	flash.net.URLLoader dispatches event: complete
parseXML() Method	flash.xml.XMLDocument.parseXML()
send() Method	Removed
sendAndLoad() Method	Removed

XMLNode class	flash.xml.XMLNode
nodeType Property[read-only]	flash.xml.XMLNode.nodeType
XMLNode Constructor	flash.xml.XMLNode.XMLNode()

XMLSocket class	flash.net.XMLSocket
XMLSocket Constructor	flash.net.XMLSocket.XMLSocket()
connect() Method	flash.net.XMLSocket.connect()
onClose() EventHandler	flash.net.XMLSocket dispatches event: close
onConnect() EventHandler	flash.net.XMLSocket dispatches event: connect
onData() EventHandler	flash.net.XMLSocket dispatches event: data
onXML() EventHandler	Removed