

Release Notes



OpenPlug Studio

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OPENPLUG
2600 Route des Crêtes – BP 176
06903 Sophia Antipolis Cedex, France
Tel : +33 (0)4 97 24 50 50 – email : contact@open-plug.com – <http://www.openplug.com>

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1 Purpose & Scope

This document describes the content of the delivery, its changes versus previous releases if applicable, and the known issues up to date.

2 Release Summary

This release is the OpenPlug Studio version CR15, the fifteenth and last Commercial Release of our tool.

Please note that the OpenPlug Studio product is now discontinued and no further releases will be made by OpenPlug. The tool is provided “as is” including all known limitations as listed in this document. OpenPlug will not provide support going forward.

2.1 General Information

Release name	OpenPlug Studio CR15
Release build number	3.0.11.21-150
Desktop OS	Windows XP, Windows Vista, Windows 7 Mac OSX 10.5 (Leopard) and 10.6 (Snow Leopard)
Supported Mobile Platforms	iPhone OS 5.0 and above iPad OS 5.0 and above Android 1.6, 2.0, 2.1, 2.2, 2.3, 3.0, 3.1 and 3.2 Windows Mobile 6.0, 6.1, 6.5 (Std & Pro) [deprecated] Symbian / S60 5 th ed, 3 rd ed FP1 & FP2, Symbian^3 [beta]
Release date	December 15th, 2011
Release content	OpenPlug Studio installer: Windows: OPENPLUG_STUDIO_3_0_11_21-150.exe Mac: OPENPLUG_STUDIO_3_0_11_21-150.pkg (zipped)

2.2 New features in this release

- All online license management features have been removed. This version can be used for an indefinite period of time without logging in to your Developer Zone account.
- Implement the **Button natively on Android**.
- The **ViewStack implementation** has changed. It includes a new property “isCreatingAllChildren” that defers the creation of its children when they are accessed. In order to manage dynamically the ViewStack’s children, you must use its data provider instead its addChild() / removeChild() functions that are now deprecated.
- **Bug fixes** and enhancements (check details in this document).

2.3 Important Notes:

2.3.1 End of Life

The OpenPlug Studio tool is now put in End of Life status. The latest version (CR15 described in this document) can be downloaded from the Developer Zone website (<http://developer.openplug.com>) but no support is provided by OpenPlug anymore.

2.3.2 Windows Mobile deprecated

Since July, the 15th of July 2011, it is no longer possible to upload new windows Mobile 6.x apps on the Windows Phone Marketplace. As a result, the support for Windows Mobile 6.x has been deprecated in OpenPlug Studio, meaning only sanity tests are performed and no more change requests are to be implemented as part of the roadmap. The last version of OpenPlug Studio fully tested with Windows Mobile 6.x is the CR10.

2.4 Known limitations

- Due to the implementation of the native selection in the List, there are some limitations:
 - If you want to receive TOUCH_MOVE and TOUCH_UP, you must consume the TOUCH_DOWN event by calling "event.stopPropagation()". If you don't consume the event, only TOUCH_DOWN will be received.
 - The selection color will be displayed only if you don't consume the TOUCH_DOWN event (ie: do not call event.stopPropagation() or do not register for the TOUCH_DOWN if you want the selection color).
 - TOUCH_TAP will not be received if you do not consume the TOUCH_DOWN event.
 - If you place a button in an item renderer, touching the button will not show the selection color, but touching outside of the button will display the color.
- On Android, containers only scroll vertically. horizontalScrollPolicy doesn't work, it always scroll only vertically, even if you set verticalScrollPolicy to off.
- On Android, containers do not scroll when placed inside a scrolling Container. If you have a container inside a container with a scrollbar, then the inner container will not be able to be scrolled because touch events are captured by the outside container.
- OpenPlug Studio has been validated on Windows XP 32bit, Windows 7 32bit and 64bit and MacOSX workstations (Snow Leopard). It may work properly with other OSes but it is not tested.
- The build time of an application package for mobile may be up to several minutes depending on your system configuration.
- Refer to the section 4 - *Detailed Release Notes: Detailed known Issues*, for a complete list of known issues
- SDCard is not supported for Windows mobile.
- Licensing management does not work with a proxy on MacOSX.

3 Detailed Release Notes: Difference from Last Release

3.1 User requested enhancement(s) and additional features since last release

ID	Component	Summary
20594	OP Flex SDK	Support ByteArray.compress/inflate/deflate
22327	Flash / Flex Cpp Runtime	Support HTTP request "PUT", "PROPFIND", etc...
24173	Platform Native Runtimes (WinMob Symbian etc)	Disable auto rotation
25339	OP Flex SDK	[Android] Capabilities.checkPlatform to detect if we are running on Android tablet
25368	Platform Native Runtimes (WinMob Symbian etc)	Implement the Button natively on Android
26090	OP Flex SDK	Check if it's a iPhone 3G or a iPhone 3GS with device.Capabilities()

3.2 Other enhancement(s) and additional features since last release

ID	Component	Summary
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3.3 User reported bug(s) fixed since last release

ID	Component	Summary
24173	Platform Native Runtimes (WinMob Symbian etc)	Disable auto rotation
24368	Platform Native Runtimes (WinMob Symbian etc)	[Android] Cannot discard the back key
24967	Platform Native Runtimes (WinMob Symbian etc)	new Date().hours is not correctly reported on iPhone
25351	Platform Native Runtimes (WinMob Symbian etc)	Connection lost without notification and reconnection impossible
25572	Samples	Images are not displayed until the list is refreshed by a scroll
25920	Platform Native Runtimes (WinMob Symbian etc)	[Android] Push notifications crash on Android
25936	Platform Native Runtimes (WinMob Symbian etc)	[Android tablet] Sometimes, rotate the app 2-3 times causes a graphical bug or a crash.

3.4 Other bug(s) fixed since last release

ID	Component	Summary
21728	OP Flex SDK	When specifying a width or height of image, the other dimension should be computed automatically
24663	Platform Native Runtimes (WinMob Symbian etc)	[Android] Containers only scroll vertically
24894	Platform Native Runtimes (WinMob Symbian etc)	Android: Application with checked-RadioButton does not installs/starts correctly
25496	Platform Native Runtimes (WinMob Symbian etc)	[Android] [WindowedApplication] menuProvider cannot be changed dynamically
26005	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] Modal popover should be native, not generic
26395	Platform Native Runtimes (WinMob Symbian etc)	[Android] TouchMove events are not received
26563	OP Flex SDK	[iOS] Acclerometer don't work on iphone 3G

3.5 Changes that Impact Compatibility

ID	Component	Summary
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4 Detailed Release Notes: Detailed known Issues

4.1 Known issues applicable to all platforms

ID	Component	Summary
18185	AS to Cpp Compiler	C++ compilation error when a class overrides a function of Object (hasOwnProperty, toString, valueOf, ...) with a custom prototype.
19057	AS Core Cpp Runtime	No exception thrown for infinite recursion, but crash
19076	AS Core Cpp Runtime	No exception thrown when wildcard/filter operator is used on non-XML object
	<p><u>Additional Information:</u> as3.Expressions.QualifiedReferences.FilterOperator</p> <pre>var object=[{a: 1, b: 2, c: 3}]; var names = object.(a==1);</pre> <p>The following exception should be thrown: TypeError: Error #1123: Filter operator not supported on type Array.</p> <p>---</p> <p>as3.Expressions.QualifiedReferences.WildcardOperator</p> <pre>var object = {a:1, b:2, c:3}; var names = object.*;</pre> <p>The following exception should be thrown: ReferenceError: Error #1081: Property * not found on Object and there is no default value.</p>	
19096	AS Core Cpp Runtime	Accessing the constructor property dynamically fails on Object (Object['constructor'] is not defined)
19521	Flash / Flex Cpp Runtime	Timer implementation differs form Adobe timer behavior.
	<p><u>Additional Information:</u> When timer is created in Elips3, it behaves differently than Adobe timers because: - small timer resolution are not working (a 5 ms timer will fire after 20 ms) - in normal implementation, when a timer is started, the time needed to compute the current frame is included within the timer time, it is not included in Elips3.0.</p>	
19651	AS Core Cpp Runtime	Cannot add a dynamic property on an object which value is a Class
	<p><u>Additional Information:</u> var obj = Math; obj.toto = 3; trace(obj.toto); => should be 3 ... but is undefined trace(obj == Math); => true trace(obj === Math); => true</p>	

		<code>trace(obj.prototype === Math.prototype); => true</code>
20488	Flash / Flex Cpp Runtime	File.openAsync() is very slow when writing file byte per byte
20540	AS to Cpp Compiler	Unexpected generated code when affecting a nested function called "Function"
20612	Flash / Flex Cpp Runtime	[Effect] Duration of the fade effect is longer in C++ than AS
20671	AS Core Cpp Runtime	Flash Dictionary Class: setPropertyIsEnumerable is not working
20813	OP Flex SDK	penDown and penUp events not received on Canvas if canvas doesn't draw
20840	AS to Cpp Compiler	Harmless warning is issued when a double is converted to an integer
	<p><u>Additional Information:</u> The following warning may be issued when compiling generated code if a double value is converted to int: warning C4244: 'argument' : conversion from 'double' to 'int', possible loss of data However, the behavior is the same as in ActionScript.</p>	
20932	AS to Cpp Compiler	When used in some statements like if(), the compiler doesn't detect that a flash field/method is not present in OpenPlug Studio SDK
21018	Flash / Flex Cpp Runtime	The TouchEvent event is incorrectly sent when clicking on a transparent area of a UIComponent
21135	Flash / Flex Cpp Runtime	FocusManager : the focus rectangle drawn around focused widget is hidden by other widgets
21267	AS Core Cpp Runtime	Boolean.toString() returns the wrong value when using Object.prototype.toString
	<p><u>Additional Information:</u> Boolean.prototype.toString = Object.prototype.toString; var s:String = (new Boolean()).toString(); => returns "[object Boolean]" instead of "false";</p>	
21269	AS Core Cpp Runtime	"delete s.length" where s is a String should throw Error #1120
	<p><u>Additional Information:</u> "delete s.length" where s is a String should throw Error #1120. In generated C++, it returns true without throwing any exception.</p>	
21299	AS to Cpp Compiler	Array/Date/RegExp/Function Constructor Called as a Function: AS compilation fails with more than one parameter
21300	AS to Cpp Compiler	Error Constructor Called as a Function with no parameter
21317	AS Core Cpp Runtime	Object.prototype.valueOf == Function.prototype.valueOf is false instead of true
21374	AS to Cpp Compiler	try / catch outside package generates code which does not compile
	<p><u>Additional Information:</u> try { ... } catch { ... } directly put in the global object (outside package and outside any function) generates uncompileable C++ code.</p>	
21378	AS to Cpp	Compilation fails when accessing Vector.<*>.prototype

	Compiler	
21383	AS Core Cpp Runtime	Array.prototype.toString() should return [object Array] when using Object.prototype.toString
21406	OP Flex SDK	Setting the background image on the list / group list doesn't work
21481	Flash / Flex Cpp Runtime	The second parameter of startDrag() function (the rectangle bounds) is not working
21486	Doc and Installer and Tools Packaging	Cannot install ELIPS 3 if a folder with name contains "Flex Builder" is opened
22024	Flex Builder Plugin	Package fails to build when Application Name uses non-Latin language
22167	OP Flex SDK	TouchEvent are not sent in Air simulation
22171	Flash / Flex Cpp Runtime	toString() on KeyboardEvent does not behave like Air
22211	Platform Native Runtimes (WinMob Symbian etc)	dropTarget not working on platforms
	Additional Information: Problem to copy data when dropping one UIComponent into another, on iPhone/WinMob	
22298	OP Flex SDK	HTML.data is not working correctly
22339	Flash / Flex Cpp Runtime	Shape is clipped by the parent UIComponent when drawn at negative position
22378	Platform Native Runtimes (WinMob Symbian etc)	Mask is not working on iPhone
22459	Platform Native Runtimes (WinMob Symbian etc)	get_entry_string is limited to 8192 characters
22565	Flash / Flex Cpp Runtime	[Symbian/AIR] textChanged should not be fired when pressing "Cancel"
22578	OPD (OpenPlug Device)	Simulator: Generic WM6 Pro 240x400 device is 400x240 instead of 240x400
22652	OP Flex SDK	Menu.as handles the back key on the key down
	Additional Information: it should be on key up	
22663	OP Flex SDK	[TextInput] User cannot enter text on device with no touch screen
22684	AS Core Cpp Runtime	Array.sortOn does not work on dynamic properties
22716	OP Flex SDK	[ToggleButtonBar] The event "itemClick" should be fired when pushing a button
22733	Platform Native Runtimes	[Win32] ASctxtGetApplicationFileSystemRoot is not working

	(WinMob Symbian etc)	
22880	OP Flex SDK	Multitouch is not accurate enough
22881	OP Flex SDK	Selected item not reset when resetting the list dataprovider
22886	Flash / Flex Cpp Runtime	ArrayCollection & ViewStack not updated when changing language
22903	AS to Cpp Compiler	wrong code generated when using a static member variable of type Vector.<int>
22947	Flex Builder Plugin	Can't change the current device when a file from another project is active in the editor
22965	Platform Native Runtimes (WinMob Symbian etc)	[Symbian][Air] Generic (non-platform) scroll bar strange behaviour
23009	License Manager	Can't login with Chinese username
23033	Flash / Flex Cpp Runtime	list itemTouchTap and touchTap behave differently
	Additional Information: On a <mob:List>, touchTap and itemTouchTap behave differently: - touchTap="trace(myList.selectedIndex)" returns the selected item (n) - itemTouchTap="trace(myList.selectedIndex)" returns the previously selected item (n-1) - itemTouchTap="trace(event.index)" works fine (n)	
23035	Flash / Flex Cpp Runtime	BitmapData::copyPixels() crashes when used on a loaded image
	Additional Information: Workaround: Draw the decoded bitmap into a new BitmapData, and use the second bitmap to get the pixels and draw stuff	
23036	Flash / Flex Cpp Runtime	BitmapData::copyPixels() doesn't "copy" transparent pixels
23270	Flash / Flex Cpp Runtime	HTTPS requests over a SSH proxy don't work
23271	Flash / Flex Cpp Runtime	Cannot send a file through a SSH server
23288	Flex Builder Plugin	[MAC] Elips icons for about and login menus are not visible in FB3
23290	Flex Builder Plugin	[iPhone] Need to clean the Xcode project if a resource is modified (and no code has been touched)
23298	Flex Builder Plugin	[GCC] internal error in mingw32_gt_pch_use_address, at config/i386/host-mingw32.c:167: MapViewOfFileEx: Attempt to access invalid address
23320	OP Flex SDK	clipContent on VBox not working when height is defined in percentage
23321	Platform Native Runtimes (WinMob Symbian etc)	[UICatalog] Scrollbar not displayed for each of the categories
23335	OP AIR simulator	Buttons not reset after being clicked

23390	License Manager	Conflict after creating an account with same characters as an existing one, except accents
23422	OP Flex SDK	List with 1 item is not displayed
23470	Flash / Flex Cpp Runtime	[Image] Setting the size of the "content" field doesn't resize the image itself
23472	Flex Builder Plugin	Changing the sdk on a project doesn't activate build buttons
	<p>Additional Information: When switching from Adobe SDK to ELIPS SDK, build buttons are not enabled. Workaround: click on another project then re-click on the first one.</p>	
23477	Flash / Flex Cpp Runtime	Graphics.clear doesn't clear the screen
23499	Flex Builder Plugin	All targeted devices can be unchecked in the properties
23525	OP Flex SDK	enabled/disabled property is not handled in Flex object.
23661	Flex Builder Plugin	Drop down list of devices does not appear on OP toolbar: need to enlarge the OP toolbar manually
	<p>Additional Information: When importing a new project in the workspace, the default selected device is "Generic - Generic WM6 Pro 240x320" but it does not appear in the drop-down list of the OP Toolbar. User has to manually enlarge the toolbar to see it.</p>	
23766	Flash / Flex Cpp Runtime	[URLLoader] HTTP Error 404 must keep data received from server.
23772	Platform Native Runtimes (WinMob Symbian etc)	[List] Selection issue when rows have different sizes
23776	Platform Native Runtimes (WinMob Symbian etc)	[List] Set divider color applied only after list refresh
23881	Flex Builder Plugin	Resources are not copied to the bin-debug output folder when using src/locale/{locale} as source folder
	<p>Additional Information: Bug in Flex/Flash Builder https://bugs.adobe.com/jira/browse/FB-17294</p> <p>Workaround: 1. First Workaround : If you specify source path entries as "src/locale/en_US", "src/locale/cs_CZ" etc. (i.e., not using the placeholder syntax with "{locale}"), assets will be copied as expected. The localization stops working though - only the language defined as the first source path entry works. I'm not sure if this is another bug or an intended behaviour (documentation on localization notes that you "should" use the {locale} placeholder but not that you must).</p> <p>2. Second Workaround : Move all your resources files in ELIPS resource management folder : "YourProject/resources", they will be copied automatically to your source folder and bin-debug.</p>	

23884	Flex Builder Plugin	[LIMITATION] Sometimes an error pop-up "the installed Adobe Flash Player is the wrong version" is displayed at simulation launch
		<u>Additional Information:</u> This issue is not Elips Studio specific. It's a known problem in the Adobe community (see http://forums.adobe.com/thread/544258?tstart=0).
23889	Flex Builder Plugin	Simulation doesn't run with the selected device
		<u>Additional Information:</u> Workaround : Reselect the current device in the Devices drop down list of the ELIPS Studio Tool bar.
23896	Flex Builder Plugin	Native extensions can't be generated if the workspace path contains accents
23899	Platform Native Runtimes (WinMob Symbian etc)	URLVariables expected no more than 0 parameters.
23901	Platform Native Runtimes (WinMob Symbian etc)	Null target and currentTarget in enterFrame on devices
23914	AS Core Cpp Runtime	[Date] All Date.set* functions do not work when optional parameters are not passed
23918	AS Core Cpp Runtime	XML: appendChild(" string") ignores whitespace
23937	Flash / Flex Cpp Runtime	[Graphics] subsequent calls graphics.lineTo(...) always draw polygons
23939	Flash / Flex Cpp Runtime	[Graphics] Issue with graphics.clear() when using a lot of drawing primitives before
23941	Flash / Flex Cpp Runtime	[Graphics] BitmapFill only fills drawn areas from (0,0) coordinates
24221	Samples	WidgetsApp Sample text tab trouble on landscape
24223	OP Flex SDK	Video and NetStream classes are deprecated and will be removed in next release
		<u>Additional Information:</u> The following classes are deprecated and will be removed in next release: - flash.media:Video - flash.media:SoundTransform - flash.net:NetConnection - flash.net:NetStream
24250	AS to Cpp Compiler	Compilation failed when using a field called 'arguments'
24251	Flash / Flex Cpp Runtime	Compilation failed when calling a constructor from a static field
24279	MXML Compiler	If a MXML doesn't use databinding, deriving objects (in MXML) don't compile if they use databinding
24292	AS Core Cpp Runtime	File Path too long

24419	OP Flex SDK	[HTML] The location property must handle file:// protocol
24472	Flex Builder Plugin	Cannot have a project name with underscore or '-' or beginning by a digit
24504	OP Flex SDK	[AS] List doesn't scroll to the end of the list
24510	OP Flex SDK	CSS being adopted by non-calling controls
24665	Platform Native Runtimes (WinMob Symbian etc)	[Android] Containers do not scroll when placed inside a scrolling Container
24737	Platform Native Runtimes (WinMob Symbian etc)	Impossible to insert text in a editable text box, when inside of a list.
24757	Flash / Flex Cpp Runtime	Native widgets are not drawn when using Bitmap::draw()
24760	Platform Native Runtimes (WinMob Symbian etc)	[Android] [List] Going back and forth in a ScreenStackApplication resets "verticalScrollPosition"
24806	AS Core Cpp Runtime	Build failed when using __AS3__.Vector without import it
24935	OP Flex SDK	SystemAPI.setScreenRotation is not working
24952	Flash / Flex Cpp Runtime	URLLoader should load the request directly when created
25018	Platforms specific Tools (packager sign etc.)	Native extension: packager fails if android ndk path contains a space character
25165	Platform Native Runtimes (WinMob Symbian etc)	List AutoUpdate Error
25190	Platform Native Runtimes (WinMob Symbian etc)	[Android] Cannot capture and stop propagation of scroll events.
25204	Platform Native Runtimes (WinMob Symbian etc)	[Android] set verticalScrollPosition not accurate
25292	Standalone IDE	One console item is created for each build
25295	Flash / Flex Cpp Runtime	[mob:Button] changing styleName has no effect
25355	OP Flex SDK	[List] The section header must not change if we set a style on the Label
25445	Platform Native Runtimes (WinMob Symbian etc)	File.exists on "/dev" always return true
25522	OP Flex SDK	[LIMITATION] On AIR, in a Label, a font bigger than 148 is

		displayed as 148.
25537	Platform Native Runtimes (WinMob Symbian etc)	Native List impl : data provider does not accept an array of primitive type
25563	Platform Native Runtimes (WinMob Symbian etc)	[iPhone][Android]Graphics.beginBitmapFill, working on simulator not on mobile
25837	Doc and Installer and Tools Packaging	[MAC build] Build failed by removing the internet connection during the build
25876	OP Flex SDK	List renderer issues
25883	License Manager	"Network response error" when the internet connection doesn't work (or behind a firewall)
25933	OP Flex SDK	Loader.load() prototype does not match the Flash prototype
26089	OP Flex SDK	TextInput.setFocus() called after ScreenView loading
26339	Doc and Installer and Tools Packaging	Installation without C drive
26340	AS to Cpp Compiler	Internationalization / Locales: unable to use "\n" in strings
26396	Platforms specific Tools (packager sign etc.)	[Android] Debug certificate should be created with less days (not 10000)
26398	Platform Native Runtimes (WinMob Symbian etc)	[Android] Missing scrollbar when container scrolls vertical and horizontal
26427	Platform Native Runtimes (WinMob Symbian etc)	[Android] mob:Label The property alpha is not working
26551	OP Flex SDK	HBox horizontalAlign dont work when contain component with %

4.2 Known issues specific to iPhone

ID	Component	Summary
21090	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] TouchEvent sizeX and sizeY are not accurately set
21233	Platform Native Runtimes (WinMob Symbian	[iPhone] Can't draw beside the Flex UIComponent boundaries

	etc)	
21934	Platform Native Runtimes (WinMob Symbian etc)	[LIMITATION][iPhone] Password mode does not work when using SystemAPI.getEntryString
	Additional Information: On iOS, it is not possible to display a multiline text entry in password mode.	
22173	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] SystemAPI.playVideoFile() with a gif file as parameter crashes
22329	Platforms specific Tools (packager sign etc.)	No build dependencies on native extension library
22594	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] Picture taken with the camera is displayed with the wrong orientation
	Additional Information: take the photo in portrait mode => the photo is displayed with the wrong orientation	
22657	Platform Native Runtimes (WinMob Symbian etc)	Focus event are not sent for native widgets
22674	Platform Native Runtimes (WinMob Symbian etc)	[LIMITATION][iPhone] verticalScrollPolicy and horizontalScrollPolicy are not taken into account
	Additional Information: If you specify clipContent="true", but both scroll policies to "off", then it will still be scrolling on iPhone (not on other devices).	
22732	Platform Native Runtimes (WinMob Symbian etc)	[iphone] ASCtxtGetApplicationFileSystemRoot is not working
23014	OP Flex SDK	TouchEvent dispatch problems
23066	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] Fullscreen video played inside a mob:HTML component doesn't consume the touch event
23078	Automatic Build System	[xcode] The path to the xcode compiler is hardcoded to /developer/platforms/...
23090	Platform Native Runtimes (WinMob Symbian etc)	URLStream.bytesAvailable change while handling ProgressEvent
23123	Platform Native Runtimes	[iPhone] The verticalScrollPosition and horizontalScrollPosition on a Canvas are updated only when the scrolling has finished

	(WinMob Symbian etc)	
23124	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] The Image with a scrollRect is not drawn at 0, 0 <u>Additional Information:</u> Create a mx:Image, display it at 0, 0 and assign a scrollRect like new Rectangle(100, 150, 200, 300) Air Simulation: the Image is displayed at 0, 0 iPhone device: it is displayed at 100, 150
23361	Platform Native Runtimes (WinMob Symbian etc)	[iPhone][I18n] Changing the localeChain in the ResourceManager doesn't change the "iPhone application language"
23532	Platform Native Runtimes (WinMob Symbian etc)	[List] Delete button is not localized <u>Additional Information:</u> When the list is in edit mode on iPhone, the delete button with the default label "Delete" is not localized.
23699	Platform Native Runtimes (WinMob Symbian etc)	mob:TextArea has no border on iPhone 4
23759	OP Flex SDK	[iPhone] Italic font in mx:Text and mx:Label gets cropped
23773	Platform Native Runtimes (WinMob Symbian etc)	[List] [iPhone] Set background color on a GroupLayout with sections does not work correctly
23783	Platform Native Runtimes (WinMob Symbian etc)	[iPhone]List item are overlapping when the height is too small
23935	Platform Native Runtimes (WinMob Symbian etc)	[iPhone][iPad] Crash in Xcode simulator when using PNG with color key and no alpha channel <u>Additional Information:</u> When an application uses PNG images that do not have an alpha channel, application will crash in Xcode SIMULATOR ("Debug" configuration, for iPhone or iPad simulator).
24078	Platform Native Runtimes (WinMob Symbian etc)	[iPhone] TouchEvent are not received if a fullscreen widget (drawing nothing) is placed on top
24716	Platform Native Runtimes (WinMob Symbian etc)	[LIMITATION][iOS] [mob:List] Cannot remove the selection

24805	AS to Cpp Compiler	When user specify "isDeviceImplementation=false" the font should be passed to fnt_register_font_file
25916	Flash / Flex Cpp Runtime	sqlConnect.openAsync() display a leak error in xCode
26336	Platform Native Runtimes (WinMob Symbian etc)	[iOS] Animations become more and more slow ; repeatCount = 0
26400	Platforms specific Tools (packager sign etc.)	[Xcode] Applications launched in iPhone Simulator 4.3 crash!
26448	OP Flex SDK	Detect if AirPlay is currently active
26483	OP Flex SDK	Mapkit added to the 2nd tab of TabNavigator (via Native Extension) does not work properly

4.3 Known issues specific to Android

ID	Component	Summary
21091	Platform Native Runtimes (WinMob Symbian etc)	[Android] TouchEvent sizeX and sizeY are not accurately set
22148	Platform Native Runtimes (WinMob Symbian etc)	[MAC] Armless "Syntax Error" displayed when compiling Android
22268	Platform Native Runtimes (WinMob Symbian etc)	[Android] [TextInput/TextArea] Password is displayed in clear while entering
	Additional Information: A suggestion line shows the password not masked	
22704	Platform Native Runtimes (WinMob Symbian etc)	[Android] Cannot use startActivityForResult in NativeExtension
22731	Platform Native Runtimes (WinMob Symbian etc)	[Android] ASCtxtGetApplicationFileSystemRoot is not working
23102	Platform Native Runtimes (WinMob Symbian etc)	[Android] mob:List: verticalScrollPosition always return 0
23145	Platform Native	[Android] Screen size not updated when changed while the

	Runtimes (WinMob Symbian etc)	application is in background
23152	Platform Native Runtimes (WinMob Symbian etc)	[Android] Native mapping music play sample : music stops after device rotation
23154	Platform Native Runtimes (WinMob Symbian etc)	[Android] Sprite objects don't receive TouchEvents when placed in a ScreenView
23178	Samples	[Android] getDeviceLanguage() issue with HTC desire
23280	Platform Native Runtimes (WinMob Symbian etc)	[Android] borderColor and BorderStyle on TextInput are not supported on Android
23291	Platform Native Runtimes (WinMob Symbian etc)	[Android] setFocus() on WindowedApplication is not giving the focus
	<p>Additional Information: If you want to set the focus on the WindowedApplication you must call: setFocus(); UIComponentGlobals.stage.focus = this; // this line will not be necessary once the bug is fixed</p>	
23562	Platform Native Runtimes (WinMob Symbian etc)	list section styles not working on Android
23571	Platforms specific Tools (packager sign etc.)	[Android] Escape special characters for Android certificate
23652	Platform Native Runtimes (WinMob Symbian etc)	[Android] ItemTouchTap sent even if click on a button and stop propagation
23793	Platforms specific Tools (packager sign etc.)	Wrong icon file type doesn't stop the packaging
	<p>Additional Information: When a jpeg icon file is used in Android settings, it fails to package the apk, but the console displays the message that the build has succeeded.</p>	
23842	Platform Native Runtimes (WinMob Symbian etc)	mob:List.dividerColor can not be set to 0xFFFFFFFF
23933	Platform Native Runtimes (WinMob Symbian etc)	[Android] Problems with alpha change on container with mob:List

24232	Platform Native Runtimes (WinMob Symbian etc)	Section titles on mob:GroupList doesn't inherit alpha from canvas
24415	Platform Native Runtimes (WinMob Symbian etc)	[Android] Wrong result of flickr request
24948	Platform Native Runtimes (WinMob Symbian etc)	[List] Crash with ViewStack renderer
25432	Platform Native Runtimes (WinMob Symbian etc)	[Android] Volume buttons don't change volume by default
25532	Platform Native Runtimes (WinMob Symbian etc)	[Android]graphics.draw problem
25573	Platform Native Runtimes (WinMob Symbian etc)	UICatalog(SplitView) in Android Tablet : Gen.menu is not operational in Portrait mode.
	Platform Native Runtimes (WinMob Symbian etc)	[Android] Application stays black if it creates a component as a property
25726	<p><u>Additional Information:</u> If your main mxml declares a property which is a UIComponent and create it at the same time then the application stays black. Like: <pre>public var myComp:Canvas = new Canvas();</pre> The workaround is to call the 'new' operator inside a function and not in the declaration of the property.</p>	
25954	Platform Native Runtimes (WinMob Symbian etc)	[Popover] Performance issue on a popover.
26131	Platforms specific Tools (packager sign etc.)	[Android] Packager does not take into account case change in resources
26154	Platform Native Runtimes (WinMob Symbian etc)	Big mx:Canvas scrolling is not displayed correctly
26341	Platform Native Runtimes (WinMob Symbian etc)	[Android] playSound not working on some devices

26391	Flash / Flex Cpp Runtime	[Android] SystemAPI.storeImageFileFromGallery() does not support External Storage location
26421	Flash / Flex Cpp Runtime	[Android] TextInput doesn't have decoration when focused

4.4 Known Limitations that could not be fixed

ID	Component	Summary
21934	Platform Native Runtimes (WinMob Symbian etc)	[LIMITATION][iPhone] Password mode does not work when using SystemAPI.getEntryString
	<u>Additional Information:</u> On iOS, it is not possible to display a multiline text entry in password mode.	
22459	Platform Native Runtimes (WinMob Symbian etc)	get_entry_string is limited to 8192 characters
22674	Platform Native Runtimes (WinMob Symbian etc)	[LIMITATION][iPhone] verticalScrollPolicy and horizontalScrollPolicy are not taken into account
	<u>Additional Information:</u> If you specify clipContent="true", but both scroll policies to "off", then it will still be scrolling on iPhone (not on other devices).	
23532	Platform Native Runtimes (WinMob Symbian etc)	[List] Delete button is not localized
	<u>Additional Information:</u> When the list is in edit mode on iPhone, the delete button with the default label "Delete" is not localized.	
23661	Flex Builder Plugin	Drop down list of devices does not appear on OP toolbar: need to enlarge the OP toolbar manually
	<u>Additional Information:</u> When importing a new project in the workspace, the default selected device is "Generic - Generic WM6 Pro 240x320" but it does not appear in the drop-down list of the OP Toolbar. User has to manually enlarge the toolbar to see it.	
23881	Flex Builder Plugin	Resources are not copied to the bin-debug output folder when using src/locale/{locale} as source folder
	<u>Additional Information:</u> Bug in Flex/Flash Builder https://bugs.adobe.com/jira/browse/FB-17294	

	<p>Workaround:</p> <p>1. First Workaround :</p> <p>If you specify source path entries as "src/locale/en_US", "src/locale/cs_CZ" etc. (i.e., not using the placeholder syntax with "{locale}"), assets will be copied as expected. The localization stops working though - only the language defined as the first source path entry works. I'm not sure if this is another bug or an intended behaviour (documentation on localization notes that you "should" use the {locale} placeholder but not that you must).</p> <p>2. Second Workaround :</p> <p>Move all your resources files in ELIPS resource management folder : "YourProject/resources", they will be copied automatically to your source folder and bin-debug.</p>	
23884	Flex Builder Plugin	[LIMITATION] Sometimes an error pop-up "the installed Adobe Flash Player is the wrong version" is displayed at simulation launch
	<p><u>Additional Information:</u></p> <p>This issue is not Elips Studio specific. It's a known problem in the Adobe community (see http://forums.adobe.com/thread/544258?tstart=0).</p>	
23889	Flex Builder Plugin	Simulation doesn't run with the selected device
	<p><u>Additional Information:</u></p> <p>Workaround :</p> <p>Reselect the current device in the Devices drop down list of the ELIPS Studio Tool bar.</p>	
24194	Doc and Installer and Tools Packaging	Installer Crash when there are long paths in <Programs Files>/OpenPlug/Elips Studio 3.0/op_eclipse
24716	Platform Native Runtimes (WinMob Symbian etc)	[LIMITATION][iOS] [mob:List] Cannot remove the selection
25522	OP Flex SDK	[LIMITATION] On AIR, in a Label, a font bigger than 148 is displayed as 148.

4.5 Known issues specific to Symbian

ID	Component	Summary
21087	Platform Native Runtimes (WinMob Symbian etc)	[Symbian] TouchEvent sizeX and sizeY are not accurately set
22280	Platform Native	[Symbian] [TextInput] Password is displayed in clear mode

	Runtimes (WinMob Symbian etc)	
22479	Flash / Flex Cpp Runtime	[Symbian] currentState attribute of WindowedApplication is not working
22481	Platform Native Runtimes (WinMob Symbian etc)	[Symbian] buttons are not reachable through device keypad
22621	Platform Native Runtimes (WinMob Symbian etc)	[Symbian] Socket fires an IOError before opening the connection
22655	Platform Native Runtimes (WinMob Symbian etc)	[Symbian] Discrepancy between the key codes in the simulator and on the device
22680	Flash / Flex Cpp Runtime	[Symbian] Alert dialog does not hide when background image is present
22734	Platform Native Runtimes (WinMob Symbian etc)	[S60] ASCtxtGetApplicationFileSystemRoot is not working
23016	Flash / Flex Cpp Runtime	[mx:Text] Bottom of letters truncated
	<u>Additional Information:</u> In some cases, bottom of letters of the last line in mx:Text is truncated (bottom of 'g', 'j', 'p', 'q', 'y').	
23019	Flash / Flex Cpp Runtime	selection drawn twice when scrolling a list
	<u>Additional Information:</u> When scrolling in a mob:List in UICatalog, the selection is sometimes drawn twice, which makes the background darker than expected.	
23262	Flash / Flex Cpp Runtime	[Symbian/Android] [TextField] When text wraps, a space can be the first character on a line
23294	Platform Native Runtimes (WinMob Symbian etc)	[Symbian] Video doesn't resume after incoming call
23303	Platform Native Runtimes (WinMob Symbian etc)	[Symbian] Video freezes 1 sec when receiving an SMS. Alert audio MP3 song is not played at all
23409	Platform Native Runtimes (WinMob Symbian etc)	[AddressBook][Symbian] updating contact issue
23713	Flash / Flex Cpp Runtime	[Symbian][UICatalog] underscore is not visible in a Label
23784	Platform Native	[Symbian] List items are overlapping when the height is too

	Runtimes (WinMob Symbian etc)	small
24290	Platform Native Runtimes (WinMob Symbian etc)	[Symbian^3] Partial refresh problem when switching from screen views

4.6 Known issues specific to Windows Mobile

Deprecated.

5 How to Ask Questions and Get Support

The OpenPlug Studio tool is now in End Of Life status.

This means that OpenPlug will no longer provide support and no future versions will be released.

The community forum (<http://developer.openplug.com/forum/index.php>) will stay online until December 28th 2012, so that existinmg users can help each others out when it comes to issues faced in maintaining applications developed with OpenPlug Studio.

If you are looking for alternatives to OpenPlug Studio, you may want to check a selection of other cross-platform application development tools on this website which includes a selection wizard with various criteria including features and development languages:

<http://www.markus-falk.com/mobile-frameworks-comparison-chart/>