



Flash CS3 Components

Tink Ltd

<http://www.tink.ws>

<http://www.tink.ws/blog>

LONDON
FLASH PLATFORM
USER GROUP

User Interface

Button

CheckBox

ColorPicker

ComboBox

DataGrid

Label

List

NumericStepper

ProgressBar

RadioButton

ScrollPane

Slider

TextArea

TextInput

TileList

UILoader

UIScrollBar

Skinning

- Directly editing the default skins

- 1. Scale9***
- 2. Imported assets***

- Classes

- 1. Styling***
- 2. Drawing API***
- 3. Changing dynamically at runtime***

Using Components in Flex Builder

- *Drag the components onto the stage*
- *Right click any of these components in the library and choose 'Export SWC File...'*
- *Flex Builder*
 1. *Right click on project*
 2. *Select 'Properties' > 'ActionScript Build Path' > 'Library Path' > 'Add SWC'*
 3. *Browse to the SWC you created and select it*

Lifecycle

- Invalidation

InvalidationType.ALL

InvalidationType.STYLES

InvalidationType.RENDERER_STYLES

InvalidationType.STATE

InvalidationType.DATA

InvalidationType.SCROLL

InvalidationType.SELECTED

Lifecycle

- *Core Methods*

`configUI():void`

`invalidate(property:String:InvalidationType.ALL, callLater:Boolean = true):void`

`isInvalid(property:String, ...properties:Array):Boolean`

`validateNow():void`

`validate():void`

`draw():void`

`drawNow():void`

`callLater(fnLFunction):void`

`setSize(width:Number, height:Number):void`

`setStyle(style:String, value:Object):void`

`move(x:Number, y:Number):void`

Bugs

- *ComboBox - style not working*

DON'T DO `_comboBox.setStyle("textFormat", tf);`

DO `_comboBox.textField.setStyle("textFormat",tf);`

- *TextArea - unrequired ScrollBar*

- *drawNow()*

<http://jessewarden.com/2008/03/how-to-fix-the-flash-cs3-components.html>

Can't call `Stage.invalidate()` from code triggered by `Event.RENDER`

Listen to `Event.ENTER_FRAME` instead

Override `callLater()` and replace `callLaterDispatcher()` with the methods from Jesse's blog

Extending

- *overriding*
- *protected*
- *you have the source*

*/Applications/Adobe Flash CS3/Configuration/Component Source/ActionScript 3.0/User Interface/
Program Files/Adobe/Adobe Flash CS3/Configuration/Component Source/ActionScript 3.0/User Interface/*

FLVPlayback & ActionScript 3.0

- FLVPlayback controls framework

- 1. Controlled by UIManager***
- 2. Controls don't have their own classes***
- 3. Properties defined on timeline***

- UIFLVPlayback controls

- 1. Extend UIComponent***
- 2. Styleable - can set skins etc.***

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QUESTIONS ??

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