

Develop Guideline

Project Scaffolding

Start a new project

New Flash Project

Create a Flash project in the workspace or in an external location.

Project name:

Use default location

Location:

Project Language

Action Script 2

Action Script 3

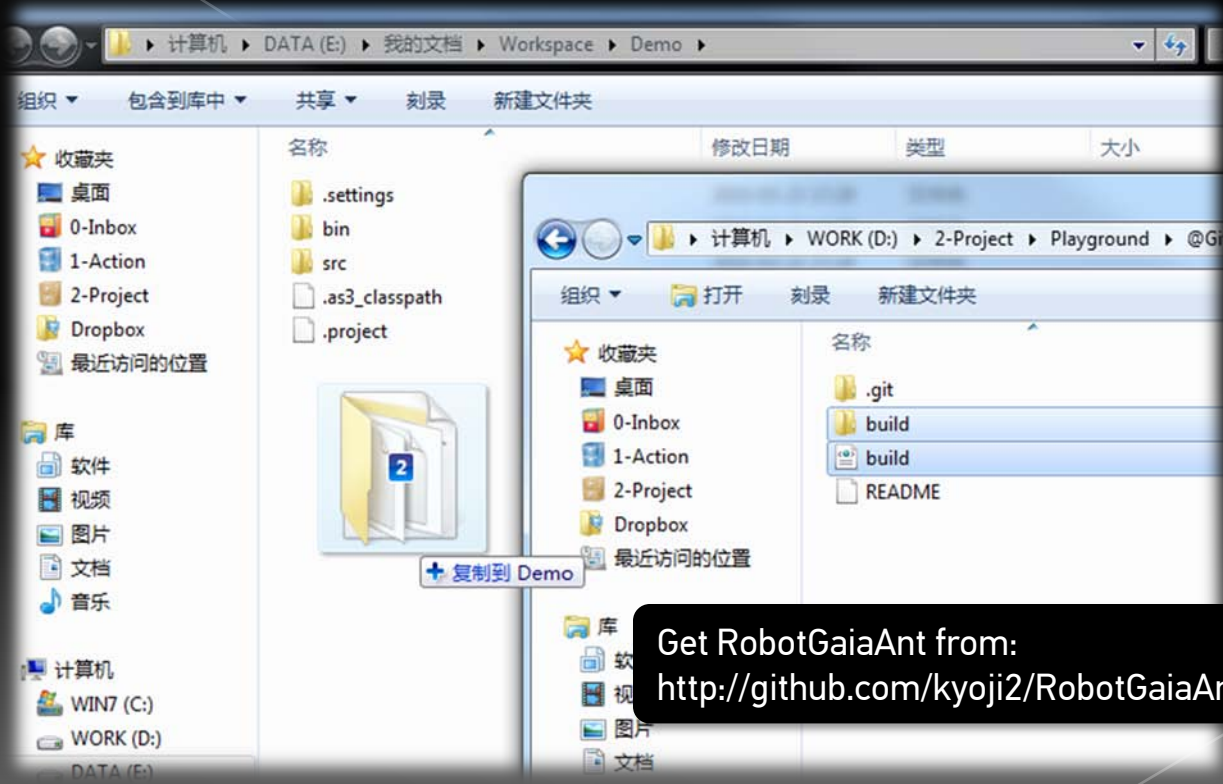
[Configure defaults...](#)

Project Layout

Use project folder as root for binaries and do not create sourcefolder

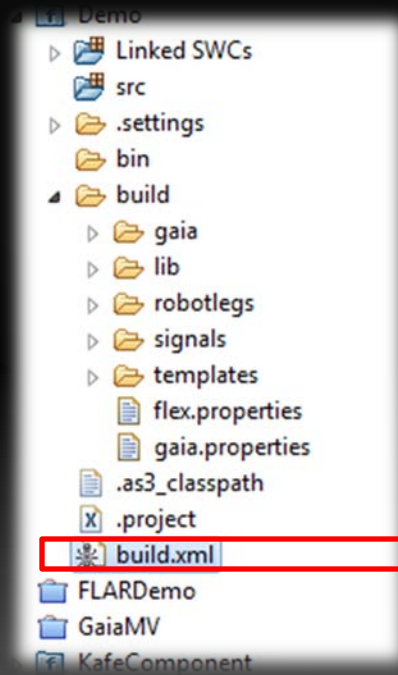
Create separate folders for sources and binaries [Configure defaults...](#)

Copy build files



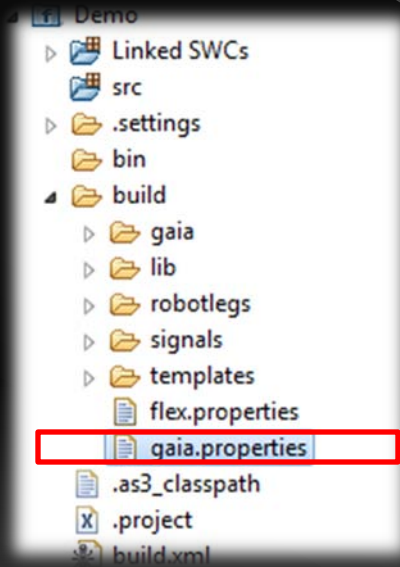
Get RobotGaiaAnt from:
<http://github.com/kyoji2/RobotGaiaAnt>

Modify build.xml



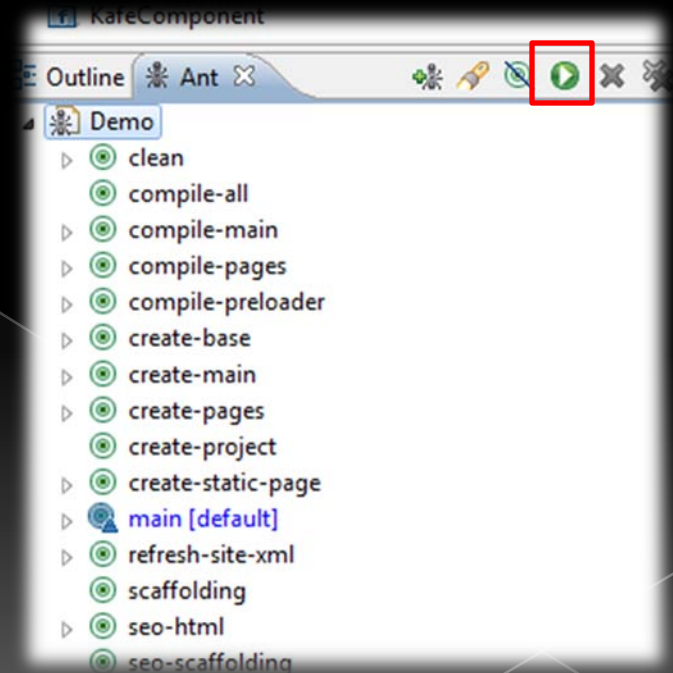
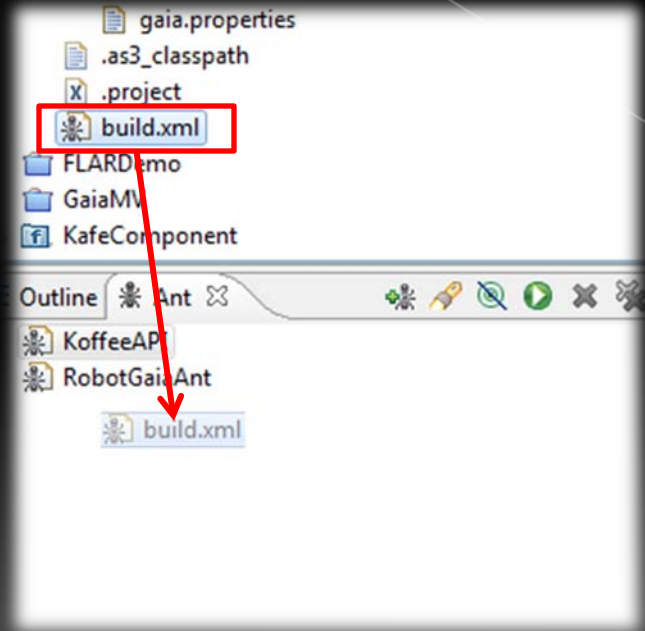
```
1 <!-- Set ANT Project Name -->
2 <project name="Demo" default="main" basedir=".">
3
4 <!-- Set Flex SDK Path -->
5 <property name="FLEX_HOME" value="C:/sdk/flex_sdk_3.5"/>
6
7 <property name="build" value="build" />
8
```

Modify gaia.properties



```
1# Gaia Configuration
2
3appname           = Demo
4width            = 800
5height           = 600
6framerate        = 31
7bgcolor          = #FFFFFF
8# 9.0.124 or 10.0.2
9player           = 9.0.124
10
11# for seo
12base.url         = http://project.domain.here
13
14
15
16# GAIA
17# Version of Gaia Framework - build/gaia/<version>
18gaia.version     = 3.2.0
```

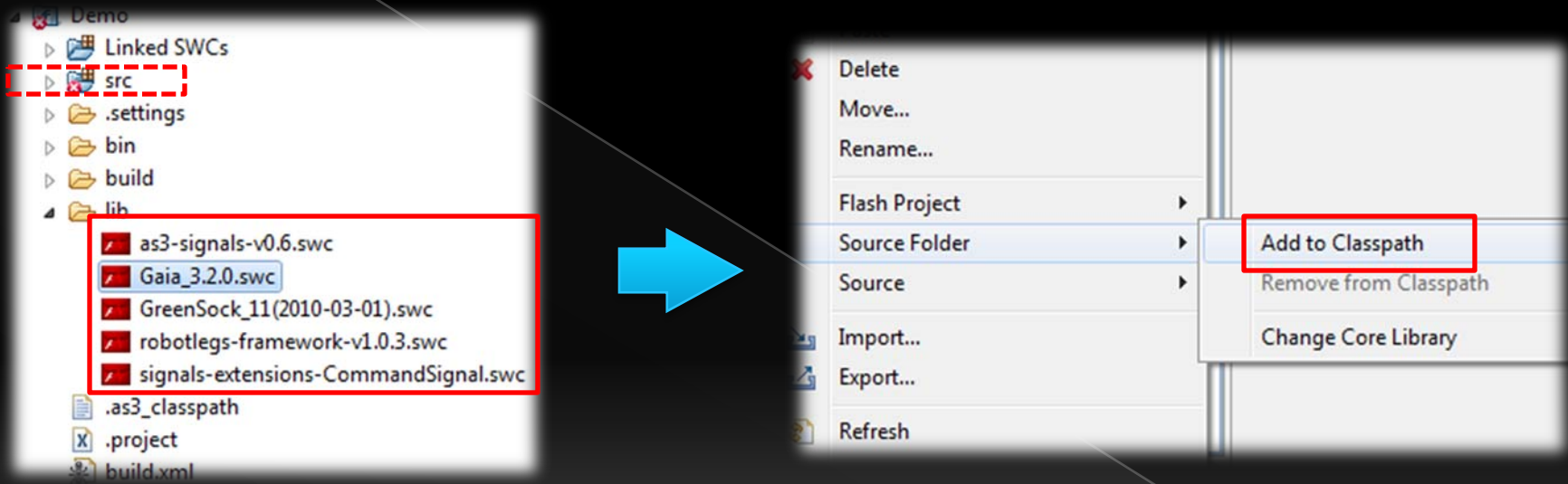
Run Ant



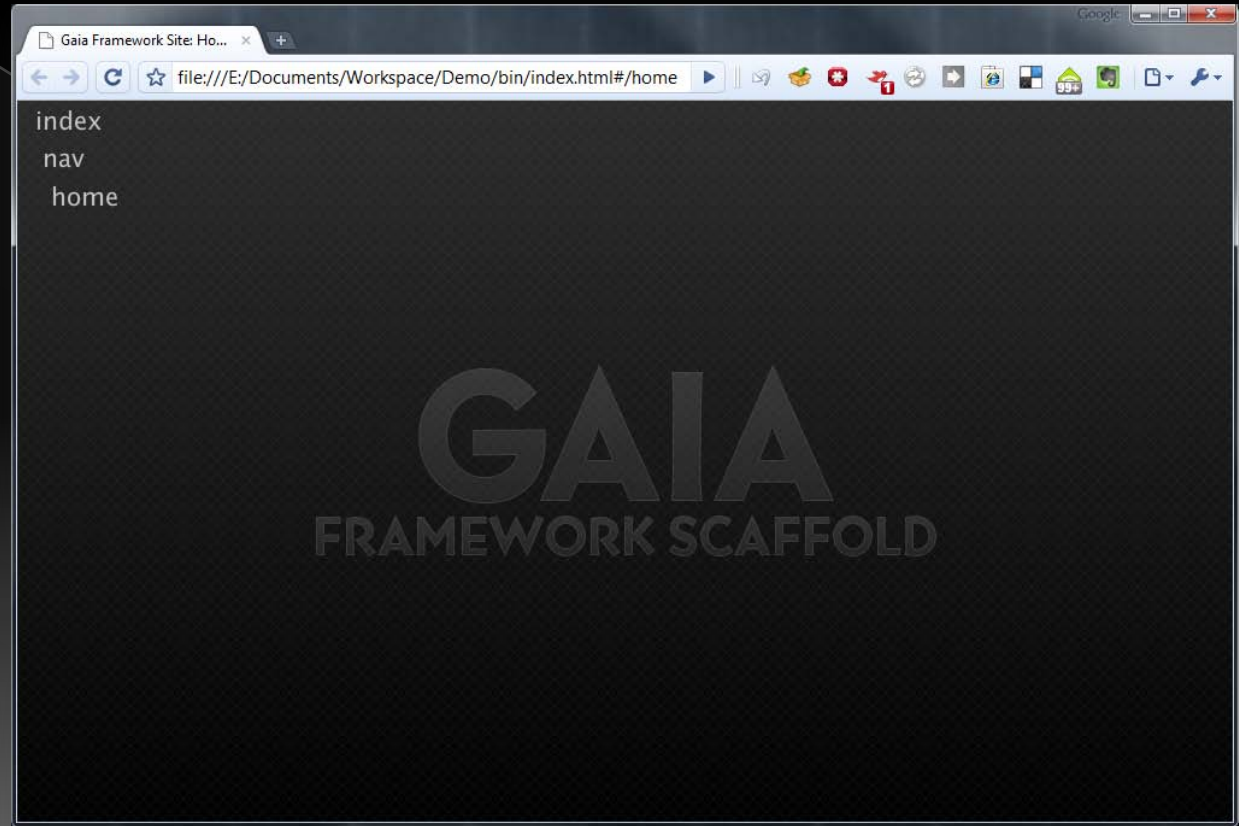
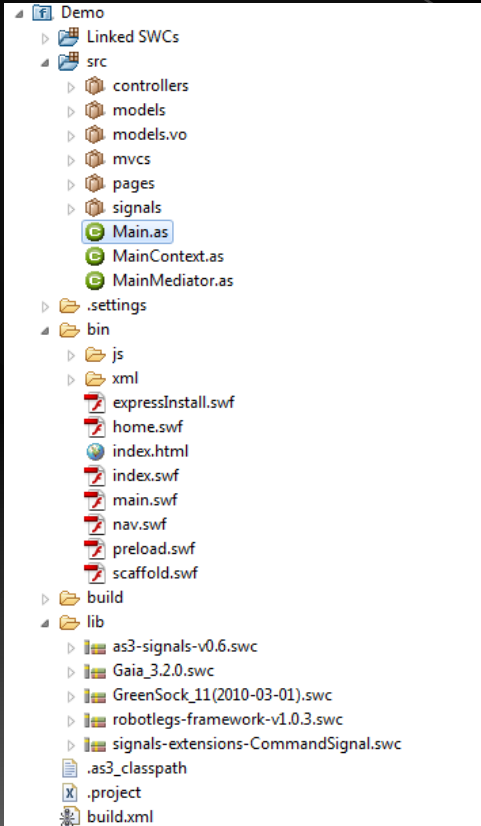
Run Ant ... Done!

```
[mxm1c] E:\Documents\workspace\demo\bin\preload.swf (1842 bytes)
compile-main:
[echo] compile-main
[mxmlc] Loading configuration file C:\sdk\flex_sdk_3.5\frameworks\flex
[mxmlc] E:\Documents\workspace\demo\bin\main.swf (82815 bytes)
compile-all:
main:
[echo] main
BUILD SUCCESSFUL
Total time: 8 seconds
```

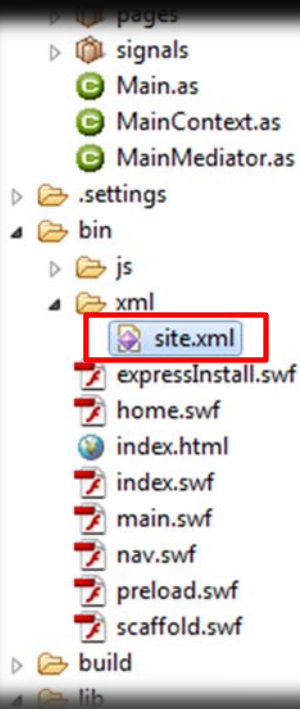
Add SWC to Classpath



Ready to go!



Modify site.xml



```
site.xml x
1 <?xml version="1.0" encoding="UTF-8"?>
2 <site title="Gaia Framework Site: %PAGE%" menu="true">
3   <page id="index" src="index.swf">
4     <page id="nav" src="nav.swf" depth="top">
5       <page id="home" title="Home" src="home.swf" menu="true" />
6     </page>
7   </page>
8 </site>
```

Modify site.xml

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <site title="Demo Site: %PAGE%" menu="true">
3   <page id="index" src="index.swf">
4     <page id="nav" src="nav.swf" depth="top">
5       <page id="home" title="Home" src="home.swf" menu="true" />
6       <page id="about" title="About Us" src="swf/about.swf" menu="true" />
7       <page id="works" title="Works" src="swf/works.swf" menu="true" />
8       <page id="contact" title="Contact" src="swf/contact.swf" menu="true" />
9     </page>
10  </page>
11 </site>
```



page节点的title属性不能是：About，因为和Flash默认的右键菜单项重名。

Modify Ant Setting and run again

The image shows a sequence of steps in the Eclipse IDE to configure an Ant build file. On the left, a search results list is shown with 'External Tools Configurations...' highlighted in red. A blue arrow points from this menu item to the 'Ant Build' section in the Project Explorer, where 'Demo build.xml' is also highlighted in red. On the right, the 'Properties' dialog for 'Demo build.xml' is open, with the 'Runtime JRE' tab selected. The option 'Run in the same JRE as the workspace' is selected and highlighted in red. Other options include 'Execution environment' and 'Separate JRE' (set to 'jre6'). The 'Working directory' is set to 'Default' with the path 'E:\Documents\Workspace\Demo'. Buttons for 'Apply' and 'Revert' are visible at the bottom.

Search results:

- 1 Demo build.xml
- 2 Test build.xml
- 3 KoffeeAPI build.xml
- 4 GaiaMV build.xml
- 5 SWCMaker buildSWCs.xml

Run As

- External Tools Configurations...
- Organize Favorites...

Project Explorer:

- Ant Build
 - Demo build.xml
 - GaiaMV build.xml
 - KoffeeAPI build.xml
 - SWCMaker buildSWCs.xml
 - Test build.xml

Properties dialog (Name: Demo build.xml):

Runtime JRE:

- Run in the same JRE as the workspace
- Execution environment: [dropdown] [Environments...]
- Separate JRE: [dropdown] [Installed JREs...]

VM arguments:

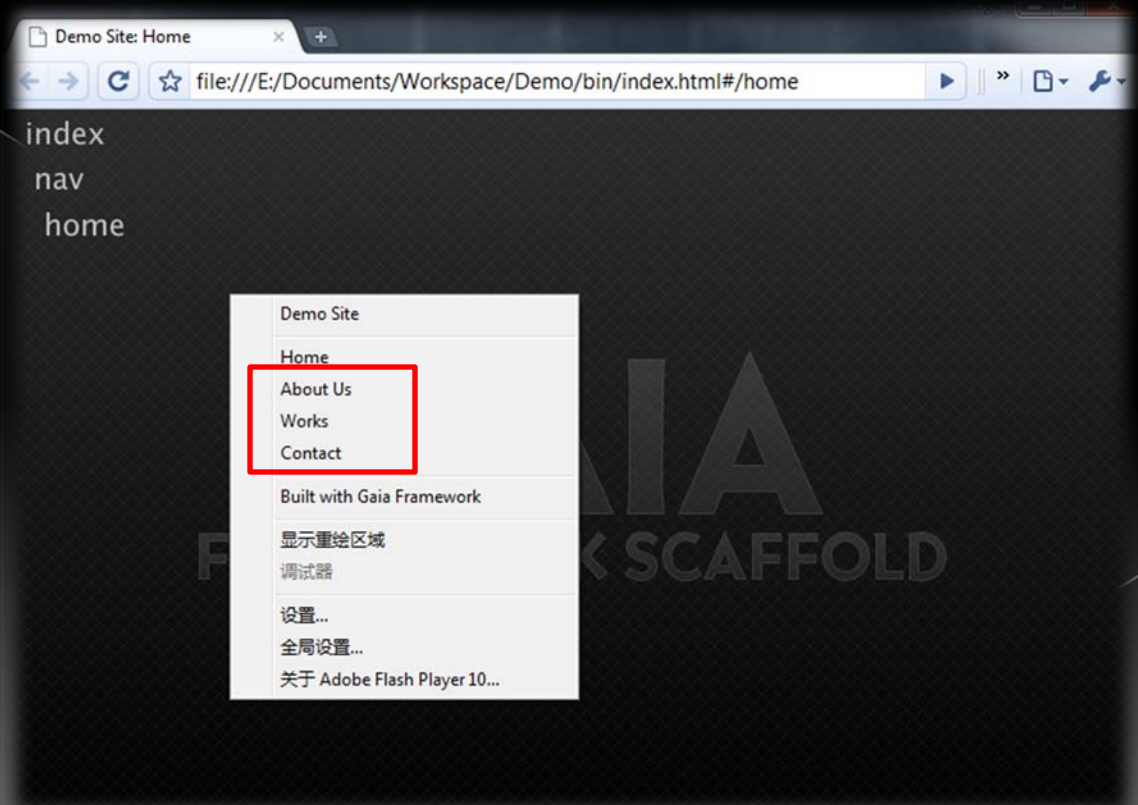
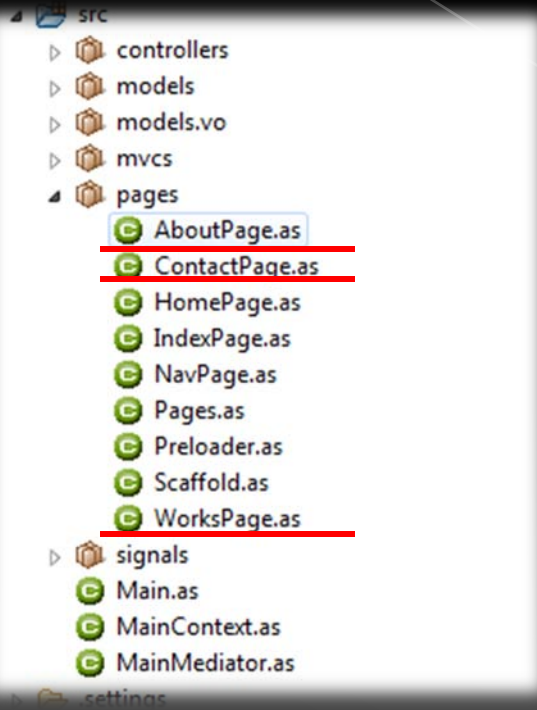
Working directory:

- Default: E:\Documents\Workspace\Demo
- Other: [text field]

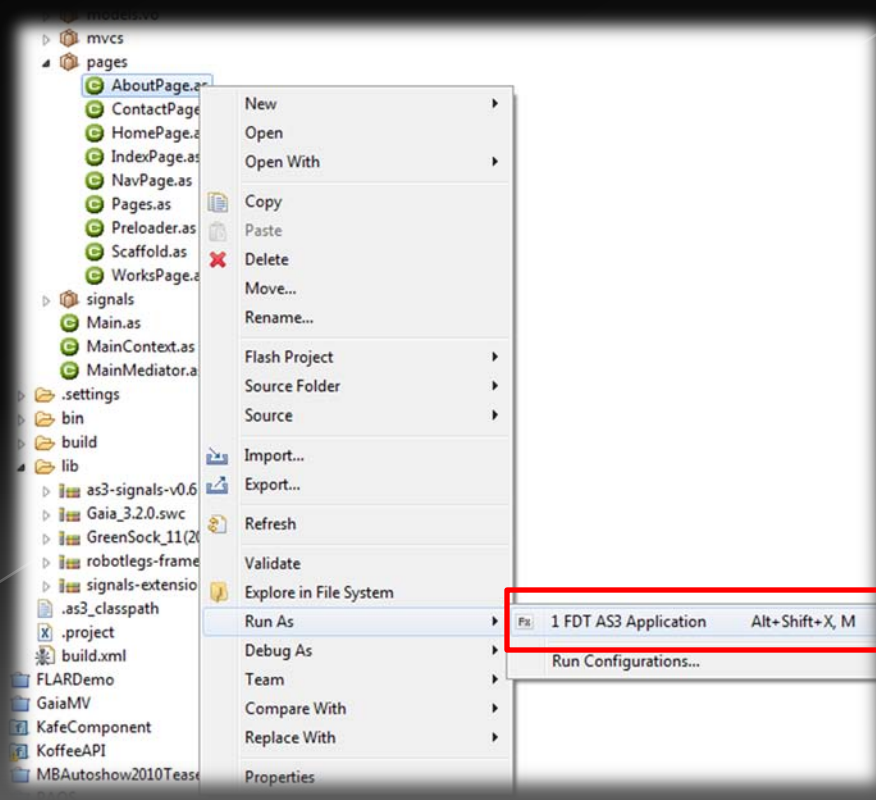
[Workspace...] [File System...] [Variables...]

[Apply] [Revert]

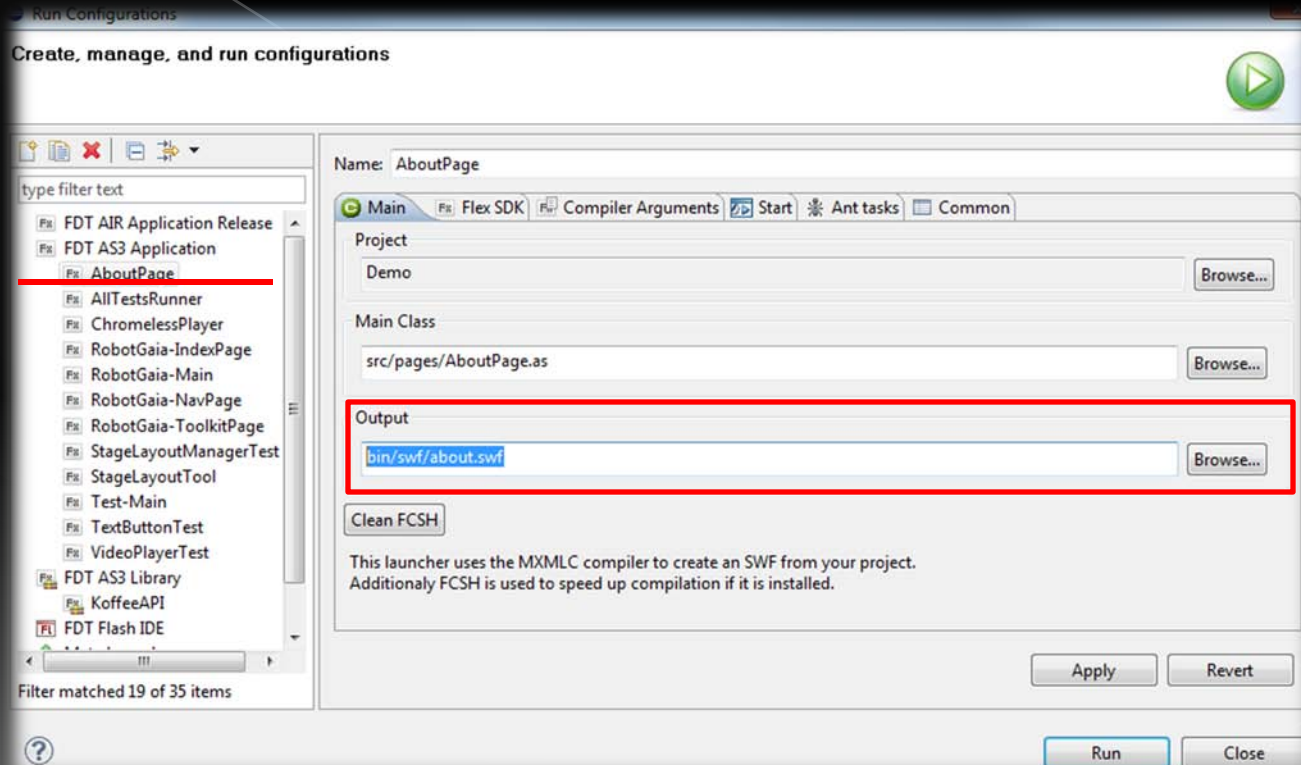
Site Scaffolding Finished !



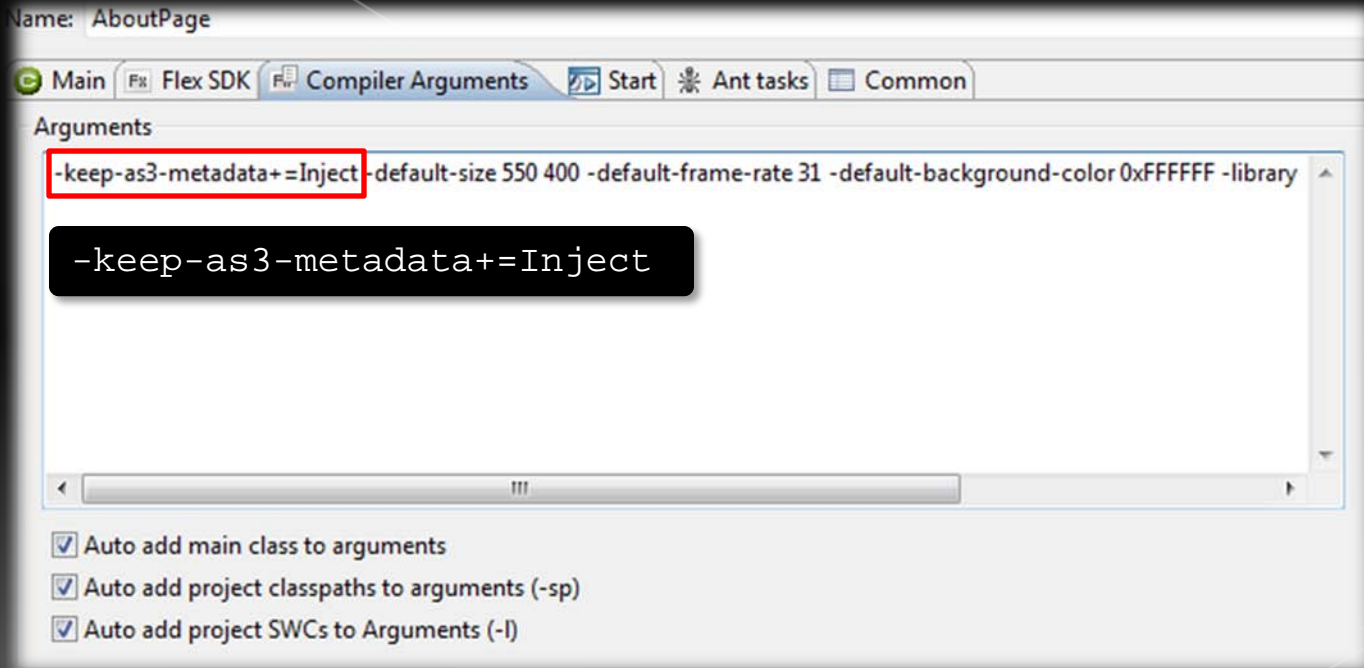
Debug or Run a single page



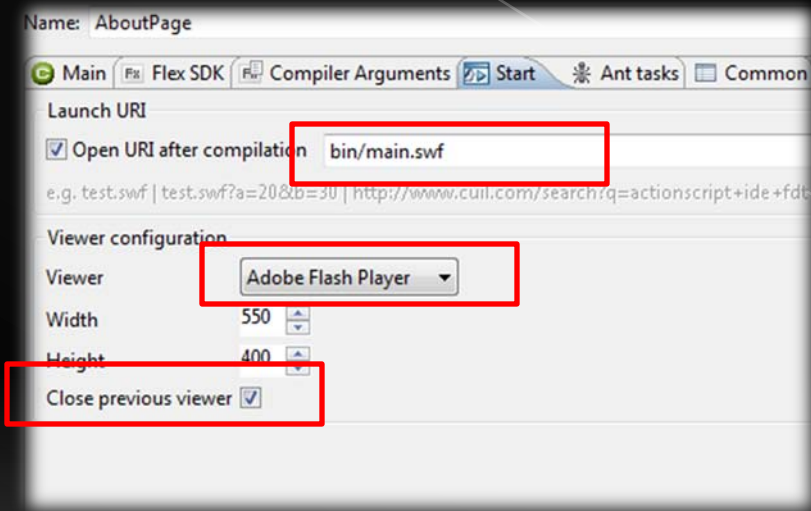
Debug or Run a single page



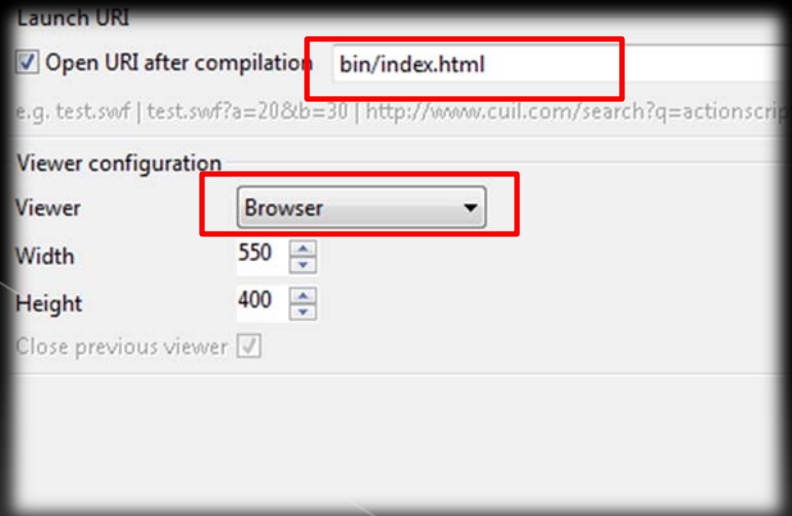
Debug or Run a single page



Debug or Run a single page

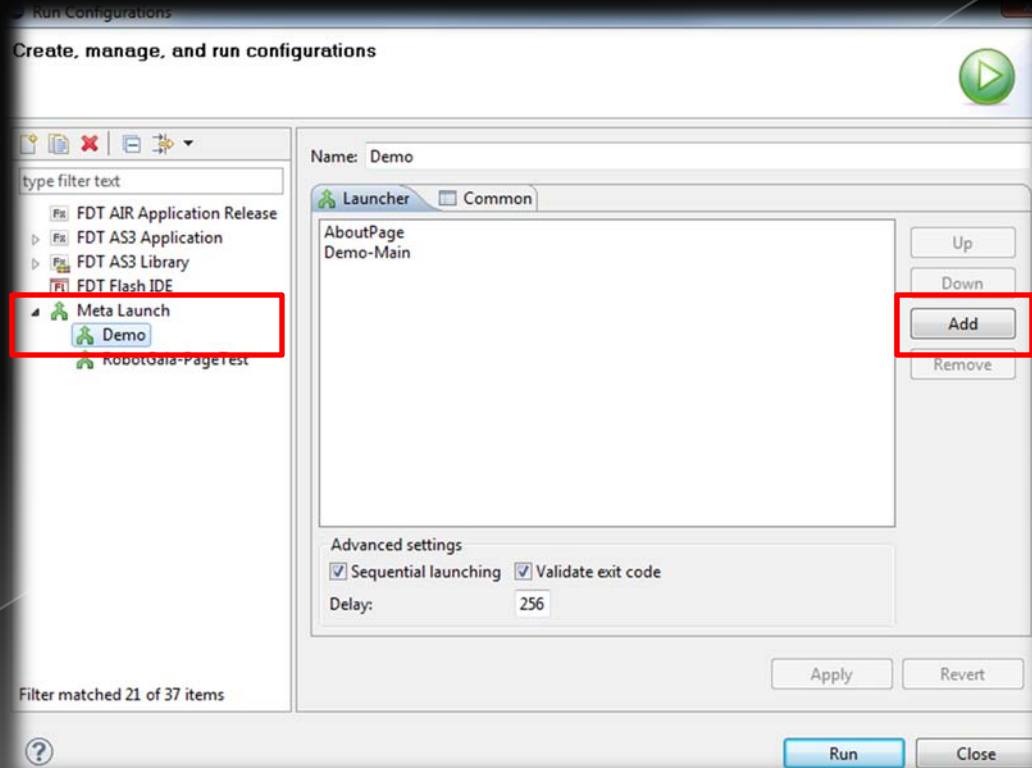


Test in debug player



Test in browser

Multiple Runs using Meta Launch



Compile Using Ant

