

# Plugins Index

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## 1 Plugins Index

Plugins are a way of extending Forrest to satisfy site-specific needs. If a site requires one or more plugins then the site designer will have named them in the `project.required.plugins` property in the `projects/forrest.properties` file. When Forrest builds the site it will automatically discover the plugin and install it. For more information on how to use plugins see [Extending Forrest with Plugins](#).

This page lists all plugins that have been recognised by the Apache Forrest project. There are two sections to this page, the first is the released plugins, The second is the whiteboard plugins. Any plugins in the released section have been verified as working in the versions of Forrest specified. However, this verification does not imply that the plugins are mature, merely that they work as documented. See the plugin documentation for how mature they are and the features they support.

The second section lists plugins in the whiteboard, that is plugins that may change considerably in how they work before their first official release. These plugins may not be fully functional, in most cases they are usable, but developers should use them with caution as they are not considered stable. You would need to keep up-to-date with the `dev@` mailing list.

### Note:

If you have created a plugin that is not listed here please let us know.

### Note:

The minimum version of Forrest is for latest version of the plugin, there may be an earlier versions of the plugin for earlier versions of Forrest. If you do not define a version number for the plugin it will always use the latest version compatible with your version of Forrest. However, be aware that if you are using a development version of forrest, you will also be using development versions of the plugins.

## 1.1 Released Plugins

### 1.1.1 Input Plugins

Input plugins enable Forrest to work with source documents in different formats.

#### 1.1.1.1 org.apache.forrest.plugin.input.dtdx

|                                  |   |
|----------------------------------|---|
| Description                      | Use the NekoDTD tool packaged as a Cocoon Generator to automatically generate some hyperlinked DTD reference documentation.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.dtdx">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.dtdx</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.2 org.apache.forrest.plugin.input.excel

|             |  |
|-------------|--|
| Description | Reads (simple) Excel sheets from the Excel "Save As" (Type=XML). |
|-------------|--|

|                                  |   |
|----------------------------------|---|
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.excel/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.excel/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.3   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.3 org.apache.forrest.plugin.input.feeder

|                                  |   |
|----------------------------------|---|
| Description                      | Embed syndicated content in a Forrest site.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.feeder">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.feeder</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.4 org.apache.forrest.plugin.input.listLocations

|                                  |   |
|----------------------------------|---|
| Description                      | Use lists of locations maintained in a simple xml format and transform them to documents.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.listLocations">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.listLocations</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.5 org.apache.forrest.plugin.input.OpenOffice.org

|                                  |   |
|----------------------------------|---|
| Description                      | Use various OpenOffice.org document formats as input sources.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.OpenOffice.org">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.OpenOffice.org</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.6 org.apache.forrest.plugin.input.PhotoGallery

|             |   |
|-------------|---|
| Description | Create a photo Gallery by simply dropping your photos into a directory. |
|-------------|---|

|                                  |   |
|----------------------------------|---|
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.PhotoGallery">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.PhotoGallery</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.3   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.7 org.apache.forrest.plugin.input.projectInfo

|                                  |   |
|----------------------------------|---|
| Description                      | Generates project info such as changelog and todo list.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.projectInfo">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.projectInfo</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.8 org.apache.forrest.plugin.input.simplifiedDocbook

|                                  |   |
|----------------------------------|---|
| Description                      | Enable Simplified Docbook to be used as input.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.simplifiedDocbook">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.simplifiedDocbook</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.9 org.apache.forrest.plugin.input.wiki

|                                  |   |
|----------------------------------|---|
| Description                      | Embed various wiki documents in a Forrest site.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.wiki">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.wiki</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.1.10 org.rblasch.forrest.plugin.input.pod

|             |  |
|-------------|--|
| Description | Embed Pod (Plain Old Documentation) documents in a Forrest site. |
| Author      | Ronald Blaschke  |

|                                  |   |
|----------------------------------|---|
| Website                          | <a href="http://www.rblasch.org/projects/pod-input/">http://www.rblasch.org/projects/pod-input/</a> |
| Download URL:                    | <a href="http://www.rblasch.org/projects/pod-input">http://www.rblasch.org/projects/pod-input</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.7   |

### 1.1.2 Output Plugins

Output plugins enable Forrest to produce documents in different formats.

#### 1.1.2.1 org.apache.forrest.plugin.output.pdf

|                                  |   |
|----------------------------------|---|
| Description                      | Enable Forrest documents to be output in PDF format.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.pdf">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.pdf</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.2.2 org.apache.forrest.plugin.output.POD

|                                  |   |
|----------------------------------|---|
| Description                      | Enable Forrest documents to be output in Plain Old Documentation (POD) format.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.POD">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.POD</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

#### 1.1.2.3 org.apache.forrest.plugin.output.Text

|                                  |   |
|----------------------------------|---|
| Description                      | Enable Forrest documents to be output in Text format.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.Text">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.Text</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.2   |
| Minimum Forrest version required | 0.8   |

**1.1.2.4 s5**

|                                  |   |
|----------------------------------|---|
| Description                      | Create S5: A Simple Standards-Based Slide Show System presentations from xdocs.   |
| Author                           | Ross Gardler  |
| Website                          | <a href="http://forrest.apache.org/~rgardler/testingGround/forrestPlugins/s5">http://forrest.apache.org/~rgardler/testingGround/forrestPlugins/s5</a> |
| Download URL:                    | <a href="http://www.apache.org/~rgardler/testingGround/forrestPlugins/">http://www.apache.org/~rgardler/testingGround/forrestPlugins/</a>             |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.7   |

**1.1.3 Internal Plugins**

Internal plugins change the core behaviour of Forrest.

No plugins of this type available.

**1.2 Whiteboard Plugins****Warning:**

See introduction for warnings about plugins in development.

NotePlugins in this section may not automatically deploy when you run Forrest as they are still in development. You may need to perform some manual installation steps to use them. See the plugin documentation for more details.

**1.2.1 Input Plugins**

Input plugins enable Forrest to work with source documents in different formats.

**1.2.1.1 org.apache.forrest.plugin.input.baetle**

|                                  |   |
|----------------------------------|---|
| Description                      | Rendering Baetle, the RDF vocabulary to describe the content of bug databases.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.baetle/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.baetle/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

**1.2.1.2 org.apache.forrest.plugin.input.citations**

|             |                        |
|-------------|------------------------|
| Description | List of citations.     |
| Author      | Apache Forrest Project |

|                                  |   |
|----------------------------------|---|
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.citations/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.citations/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.3 org.apache.forrest.plugin.input.Daisy

|                                  |   |
|----------------------------------|---|
| Description                      | Allow content to be included from a Daisy CMS repository.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.Daisy/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.Daisy/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.4 org.apache.forrest.plugin.input.doac

|                                  |   |
|----------------------------------|---|
| Description                      | Render Description-Of-A-Career (DOAC) data in forrest content objects.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.doac/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.doac/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.5 org.apache.forrest.plugin.input.doap

|                       |   |
|-----------------------|---|
| Description           | Embed DOAP files in forrest content objects.  |
| Author                | Apache Forrest Project  |
| Website               | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.doap/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.doap/</a> |
| Download URL:         | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version | 0.1   |

|                                  |   |
|----------------------------------|---|
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above. |

#### 1.2.1.6 org.apache.forrest.plugin.input.ecs

|                                  |   |
|----------------------------------|---|
| Description                      | Process responses from Amazoons E-Commerce System web services.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.ecs/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.ecs/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.7 org.apache.forrest.plugin.input.foaf

|                                  |   |
|----------------------------------|---|
| Description                      | Embed FOAF files in forrest content objects.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.input.foaf/">http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.input.foaf/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.9   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.8 org.apache.forrest.plugin.input.glossary

|                                  |   |
|----------------------------------|---|
| Description                      | Enable glossary: a list of technical terms and definitions.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.glossary/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.glossary/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |



**1.2.1.9 org.apache.forrest.plugin.input.logs**

|                                  |   |
|----------------------------------|---|
| Description                      | Embed log file output in Forrest sites. If Forrest is running in a dynamic environment, then pages can be updated to show recent changes in the log whenever required.                      |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.input.logs">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.input.logs</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.7   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

**1.2.1.10 org.apache.forrest.plugin.input.odt**

|                                  |   |
|----------------------------------|---|
| Description                      | Use OpenDocument Writer files (*.odt) as input sources.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.odt">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.odt</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

**1.2.1.11 org.apache.forrest.plugin.input.Resume**

|                                  |   |
|----------------------------------|---|
| Description                      | Basic support for Resumes, renders a single resume, or allows sorting of a number of resumes on skill.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.Resume">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.Resume</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

**1.2.1.12 org.apache.forrest.plugin.input.serverStatus**

|             |  |
|-------------|--|
| Description | Provides a list of the Cocoon cache and other server status information. |
|-------------|--|

|                                  |   |
|----------------------------------|---|
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.serverStatus">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.serverStatus</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.13 org.apache.forrest.plugin.input.skos

|                                  |   |
|----------------------------------|---|
| Description                      | Rendering SKOS, a set of specifications to support the representation of thesauri, classification schemes, taxonomies, etc.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.skos/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.skos/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.14 org.apache.forrest.plugin.input.storeSimple

|                                  |   |
|----------------------------------|---|
| Description                      | A simple online shopping cart.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.storeSimple/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.storeSimple/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.15 org.apache.forrest.plugin.input.tei

|               |   |
|---------------|---|
| Description   | Import TEI Lite documents into Forrest content objects.   |
| Author        | Apache Forrest  |
| Website       | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.tei">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.tei</a> |
| Download URL: | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |

|                                  |   |
|----------------------------------|---|
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above. |

#### 1.2.1.16 org.apache.forrest.plugin.input.XDoc

|                                  |   |
|----------------------------------|---|
| Description                      | Input plugin for XDoc   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.XDoc/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.input.XDoc/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.17 uk.ac.osswatch.forrest.input.features

|                                  |   |
|----------------------------------|---|
| Description                      | Allow project features to be recorded and rendered as part of a content object. This plugin is particularly useful when used in conjunction with the DOAP plugin. |
| Author                           | OSS Watch   |
| Website                          | <a href="http://simal.osswatch.ac.uk">http://simal.osswatch.ac.uk</a>   |
| Download URL:                    | <a href="http://simal.google.com/files/">http://simal.google.com/files/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.1.18 uk.ac.osswatch.forrest.input.ohloh

|                                  |   |
|----------------------------------|---|
| Description                      | Extracts data from OhLoh.net using their API  |
| Author                           | OSS Watch   |
| Website                          | <a href="http://simal.osswatch.ac.uk">http://simal.osswatch.ac.uk</a>                   |
| Download URL:                    | <a href="http://simal.google.com/files/">http://simal.google.com/files/</a>             |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above. |

**1.2.1.19 uk.ac.osswatch.forrest.input.sourceforge**

|                                  |   |
|----------------------------------|---|
| Description                      | Extracts data from sourceforge.net.   |
| Author                           | OSS Watch   |
| Website                          | <a href="http://simal.osswatch.ac.uk">http://simal.osswatch.ac.uk</a>                   |
| Download URL:                    | <a href="http://simal.google.com/files/">http://simal.google.com/files/</a>             |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above. |

**1.2.2 Output Plugins**

Output plugins enable Forrest to produce documents in different formats.

**1.2.2.1 org.apache.forrest.plugin.output.Anakia**

|                                  |   |
|----------------------------------|---|
| Description                      | Produce output in Anakia "xdoc" format.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.Anakia/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.Anakia/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

**1.2.2.2 org.apache.forrest.plugin.output.Chart**

|                                  |   |
|----------------------------------|---|
| Description                      | Charting plugin that utilises JChart.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.output.Chart">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.output.Chart</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.7   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

**1.2.2.3 org.apache.forrest.plugin.output.htmlArea**

|             |   |
|-------------|---|
| Description | WYSIWYG editing of HTML documents (requires Forrest to be running dynamically). |
|-------------|---|

|                                  |   |
|----------------------------------|---|
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.output.htmlArea">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.output.htmlArea</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.7   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.2.4 org.apache.forrest.plugin.output.iCal

|                                  |   |
|----------------------------------|---|
| Description                      | Creates iCal .ics files from forrest xdoc.  |
| Author                           | Apache Forrest  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.output.iCal/">http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.output.iCal/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.9   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.2.5 org.apache.forrest.plugin.output.OOo

|                                  |   |
|----------------------------------|---|
| Description                      | Creates OpenOffice 2.4+ .odt output from forrest xdoc.  |
| Author                           | Apache Forrest  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.output.OOo/">http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.output.OOo/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.9   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.2.6 org.apache.forrest.plugin.output.solr

|             |   |
|-------------|---|
| Description | Generates solr documents from xdos. Further when run with the dispatcher it provides a GUI to manage your project in solr and a search interface to search your solr server.                  |
| Author      | Apache Forrest Project  |
| Website     | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.solr">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.solr</a> |

|                                  |   |
|----------------------------------|---|
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>     |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above. |

#### 1.2.2.7 org.apache.forrest.plugin.output.tei

|                                  |   |
|----------------------------------|---|
| Description                      | Create TEI Lite documents from Forrest content objects.   |
| Author                           | Apache Forrest  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.tei/">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.tei/</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.2.8 org.apache.forrest.plugin.output.voice

|                                  |   |
|----------------------------------|---|
| Description                      | Add voiceXML content to a Forrest page. This allows the page to be read by a voice synthesiser and navigated with voice commands.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.voice">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.output.voice</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.2.9 org.apache.forrest.themes.core

|                                  |   |
|----------------------------------|---|
| Description                      | The core theme package for the dispatcher.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.themes.core">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.themes.core</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |

|         |   |
|---------|---|
| Warning | This plugin is in the whiteboard development area. See notes in the introduction above. |
|---------|---|

#### 1.2.2.10 uk.ac.osswatch.forrest.themes

|                                  |   |
|----------------------------------|---|
| Description                      | A theme used by the Simal project.  |
| Author                           | OSS Watch   |
| Website                          | <a href="http://code.google.com/p/simal">http://code.google.com/p/simal</a>             |
| Download URL:                    | <a href="http://simal.google.com/files/">http://simal.google.com/files/</a>             |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above. |

### 1.2.3 Internal Plugins

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Internal plugins change the core behaviour of Forrest.

#### 1.2.3.1 org.apache.forrest.plugin.internal.dispatcher

|                                  |   |
|----------------------------------|---|
| Description                      | Enable Forrest to use page-specific views and contracts. Next generation skinning.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.internal.dispatcher">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.internal.dispatcher</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.3.2 org.apache.forrest.plugin.internal.IMSManifest

|                                  |   |
|----------------------------------|---|
| Description                      | Use an IMS Manifest file to manage site structure. Generates site.xml and tabs.xml from an imsmanifest.xml file when one is available. Also enables content in one Content Package to be embedded in another.   |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.internal.IMSManifest">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.internal.IMSManifest</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.7   |

|         |   |
|---------|---|
| Warning | This plugin is in the whiteboard development area. See notes in the introduction above. |
|---------|---|

#### 1.2.3.3 org.apache.forrest.plugin.internal.NoteTaking

|                                  |   |
|----------------------------------|---|
| Description                      | Provides facilities for adding notes to pages when Forrest is run in dynamic mode.  |
| Author                           | Apache Forrest Project  |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.NoteTaking">http://forrest.apache.org/pluginDocs/plugins_0_80/org.apache.forrest.plugin.NoteTaking</a> |
| Download URL:                    | <a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>   |
| Latest Plugin version            | 0.1   |
| Minimum Forrest version required | 0.8   |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.   |

#### 1.2.3.4 org.apache.forrest.plugin.internal.xhtml2

|                                  |  |
|----------------------------------|--|
| Description                      | Forrest versions prior to 0.9 used XDoc as their internal format, versions from 0.9 onwards are going to use a subset of XHTML2 instead. This plugin converts the main forrest sitemaps to work with XHTML2. |
| Author                           | Apache Forrest Project   |
| Website                          | <a href="http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.internal.xhtml2/">http://forrest.apache.org/pluginDocs/plugins_0_90/org.apache.forrest.plugin.internal.xhtml2/</a>      |
| Download URL:                    | <a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>  |
| Latest Plugin version            | 0.1  |
| Minimum Forrest version required | 0.8  |
| Warning                          | This plugin is in the whiteboard development area. See notes in the introduction above.  |