

# 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 use them with caution as they are not considered stable.

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

### 1.1. Released Plugins

### 1.2. Whiteboard Plugins

Warning Plugins 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.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_70/org.apache.forrest.plugin.input.Daisy">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.input.Daisy</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

##### 1.2.1.2. `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_70/org.apache.forrest.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1
Minimum Forrest version required	0.8

#### 1.2.1.3. 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.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

#### 1.2.1.4. 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_70/org.apache.f\orrest.plugin.input.Resume">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.f\orrest.plugin.input.Resume</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

### 1.2.2. Output Plugins

Output plugins enable Forrest to produce documents in different formats.

#### 1.2.2.1. 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.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

### 1.2.2.2. 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.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

### 1.2.2.3. 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_70/org.apache.forrest.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.8-dev

## 1.2.3. Internal Plugins

Internal plugins change the core behaviour of Forrest.

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

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_70/org.apache.forrest.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

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

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Author	Apache Forrest Project
Website	<a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

**1.2.4.2. org.apache.forrest.plugin.input.ecs**

Description	Process responses from Amaozons E-Commerce System web services.
Author	Apache Forrest Project
Website	<a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.p</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1
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Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
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**1.2.4.4. org.apache.forrest.plugin.input.Resume**

Description	Basic support for Resumes, renders a single resume, or alloes sorting of a number of resumes on skill.
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Website	<a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.f\orrest.plugin.input.Resume">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.f\orrest.plugin.input.Resume</a>
Download URL:	<a href="http://forrest.apache.org/plugins">http://forrest.apache.org/plugins</a>
Plugin version	0.1-dev

Minimum Forrest version required	0.7
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Output plugins enable Forrest to produce documents in different formats.

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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>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

### 1.2.5.2. 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>
Plugin version	0.1-dev
Minimum Forrest version required	0.7

### 1.2.5.3. 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_70/org.apache.forrest.plugin.output.voice/">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.plugin.output.voice/</a>
Download URL:	<a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.8-dev

## 1.2.6. Internal Plugins

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Author	Apache Forrest Project
Website	<a href="http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.">http://forrest.apache.org/pluginDocs/plugins_0_70/org.apache.forrest.</a>
Download URL:	<a href="http://forrest.apache.org/plugins/">http://forrest.apache.org/plugins/</a>
Plugin version	0.1-dev
Minimum Forrest version required	0.7