

# Welcome to the org.apache.forrest.plugin.input.projectInfo Plugin

## Table of contents

1 Apache Forrest - org.apache.forrest.plugin.input.projectInfo Plugin.....	2
2 Features.....	2
3 Producing Release Notes.....	2
4 Project Details.....	2
4.1 Multiple Projects.....	3
4.2 Project Indexes.....	3

## 1. Apache Forrest - org.apache.forrest.plugin.input.projectInfo Plugin

This plugin generates project info from various configuration files.

## 2. Features

- [Recent Changes](#)
- [ToDo list](#)
- [Release Notes](#)
- [Project Details](#)

## 3. Producing Release Notes

To produce release notes you must maintain a `status.xml` file for your project and request a page with an URL such as `http://domain.com/releaseNotes_0.7-dev.html`, this will produce the release notes for 0.7-dev.

If the version number ends with `-dev` a warning will be included in the generated page, informing the reader that it is a development version and therefore the list of changes is incomplete.

For a `status.xml` action to be included in the release notes it must have an attribute `importance="high"`. When writing actions in `status.xml` you should write them with the following two questions in mind:

- should it be `importance="high"`?
- will the action read correctly in the release notes?

The introductory text in the release notes comes from the (optional) element `notes` (a child of the `release` element).

## 4. Project Details

Project details are generated from a project descriptor file. This file can be in any of the following formats:

- DOAP
- DOAP over ATOM

### Note:

We need your help in adding more formats.

The location of this descriptor file is specified in the `locationmap` with the hint `pproject.descriptor`. This defaults to the root of your projects content directory. To place your descriptor in a different location simply add a matcher like that shown below in your `projectInfo.locationmap-projects` file. This file is, by default, in the root of the webapp directory.

```
<match pattern="project.descriptor">
  <location src="[path/to/descriptor/file]" />
</match>
```

To retrieve the project details page request the file `/projectDetails.html`.

## 4.1. Multiple Projects

You can use the `projectInfo` plugin to pull together project information for multiple projects. For example, take a look at the project details for [Apache Forrest](#).

Using the `locationmap` you can retrieve this content from anywhere you want, for example, the DOAP file for the Forrest project comes from directly from SVN, thus we are always assured of it being up to date.

To retrieve the project details of another project make a request for `projectDetails.[PROJECT_NAME].html`. For this to work your project `locationmap` must have an entry like this:

```
<match pattern="project.descriptor.forrest">
  <location
src="http://svn.apache.org/repos/asf/forrest/trunk/site-author/content/doap.xml"/>
</match>
```

Of course, if you have a central location for all your project descriptor files you could use a match like this:

```
<match pattern="project.descriptor.*">
  <location src="path_to_descriptors/{1}.xml"/>
</match>
```

### Warning:

The indexing of projects (described below) does not currently work with wildcard matchers in the `locationmap`.

## 4.2. Project Indexes

The system will automatically create an index of projects from your projects `locationmap` file. For example, the "Projects" section of the navigation on the left is automatically generated.

### Note:

There is considerable repetition in the indexes in this demo. The intention is to show the range of indexes that can be created. You should select the most suitable for your individual project.

### Warning:

The indexes to be included in your site navigation only work correctly when generating a static site. You should only use page based indexes for dynamic sites.