

# Open issues for the next release

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**Note:**

These are the top 25 open issues for the next release that are scheduled in our [issue tracking system](#) (see [all](#) open issues). The listing below is regenerated on each Forrest run.

## 1 [FOR-796] Merge all view/dispatcher work into `org.apache.forrest.plugin.internal.dispatcher` and `org.apache.forrest.themes.core`

<http://issues.apache.org/jira/browse/FOR-796>

This is the global issue to keep track on the merging effort

## 2 [FOR-855] verify the license situation prior to each release

<http://issues.apache.org/jira/browse/FOR-855>

This should be continually happening anyway, but immediately prior to each release we need to verify that our license situation is in order. This issue should not ever be closed, rather just move the &quot;Fix for Version&quot; on to the next release.<br/> <br/> Here are some of the tasks:<br/> <br/> > A) Ensure that all supporting libraries have a corresponding license. Basically every jar file or other external package needs to have a \*.license.txt file. Ensure that any license conditions are met, e.g. for some we must add an entry to NOTICE.txt, while for some others we must not. Remember to abide by the ASF guidelines (e.g. nothing more restrictive than the Apache License).<br/> <br/> B) Scan the whole trunk repository to add missing ASF license headers to source files and to ensure that the ASF license headers have not been accidentally added to external files. See etc/relicense.txt<br/> <br/> C) Remove any author tags.

## 3 [FOR-868] add relevant notes to the "Upgrading" xdoc

<http://issues.apache.org/jira/browse/FOR-868>

We need to add some notes to the upgrading\_0\*.html doc for the upcoming release. This would most easily be done after attending to <a href="http://issues.apache.org/jira/browse/FOR-865" title="Add missing entries to status.xml to generate the changes list"><strike>FOR-865</strike></a> &quot;Add missing entries to status.xml to generate the changes list&quot;.

## 4 [FOR-1108] Dispatcher, Cocoon 2.1 and Windows

<http://issues.apache.org/jira/browse/FOR-1108>

Since the update to Cocoon 2.1 Forrest and Dispatcher have broken on windows.

## 5 [FOR-591] MaxMemory needs increasing for large document sets: Memory Leak with XMLFileModule

<http://issues.apache.org/jira/browse/FOR-591>

Since the docs restructuring for the 0.7 release it has become necessary to increase the maxmemory to be able to build the Forrest site. We gained three copies of the documents so suddenly have a large document set to trigger memory leakage issues.<br/> <br/> Possibly <a href="http://issues.apache.org/jira/browse/COCOON-1574" title="Memory Leak with XMLFileModule">COCOON-1574</a> &quot;Memory Leak with XMLFileModule&quot;.<br/> <br/> Does someone have the tools to run some diagnostics?<br/> <br/> (NB maxmemory has been increased in our site-author/forrest.properties, if we resolve this issue it should be reduced again)

## 6 [FOR-1177] where does forrest use Rhino

<http://issues.apache.org/jira/browse/FOR-1177>

While assessing the license situation for [FOR-855](http://issues.apache.org/jira/browse/FOR-855 "verify the license situation prior to each release") and [FOR-857](http://issues.apache.org/jira/browse/FOR-857 "append license files to the top-level LICENSE.txt") ... one of the difficult cases is "Rhino". Does someone know why we use Rhino and which part of Forrest? Did it just come along by accident with our addition of Cocoon, or is it actually being used? See: lib/core/rhino-1.6R2.jar and prior to that lib/core/rhino-1.6R1.jar

## 7 [FOR-572] run a memory profiler while forrest is operating

<http://issues.apache.org/jira/browse/FOR-572>

We need to run a memory profiler while forrest is operating.

## 8 [FOR-986] Dispatcher war fails to build if no skinconf.xml is in place

<http://issues.apache.org/jira/browse/FOR-986>

A dispatcher based site does not need a skinconf.xml file. However, if one is not present then the "forrest war" target fails with:  
BUILD FAILED  
C:\projects\apache-forrest-0.8\main\targets\webapp.xml:48: The following error occurred while executing this line:  
C:\projects\apache-forrest-0.8\main\forrest.build.xml:256: input file C:\projects\apache-forrest-0.8\main\webapp\skinconf.xml does not exist  
To work around this issue just put a skinconf.xml in place

## 9 [FOR-1081] Create example document(s) with all common and pelt contracts enabled and working.

<http://issues.apache.org/jira/browse/FOR-1081>

All available contracts should be enabled in Panels and working so that they may be used as examples and also as a test to ensure they work; and as a warning when they don't. So, in the style of document-v20 this should be created in seed-sample2 so that forrestbot can let us know when any contracts break.

## 10 [FOR-922] update all docs that explain sitemap fragments

<http://issues.apache.org/jira/browse/FOR-922>

There are various documents that explain parts of the sitemaps. Some of these mention pathnames, some have actual fragments of code copied from sitemaps. All of this needs to be updated to reflect the current sitemaps. The sitemaps were recently updated to use locationmap, some sitemaps were simplified, filenames were changed, e.g. document2html.xsl to document-to-html.xsl  
These changes need to be reflected in the current docs.

## 11 [FOR-210] whole-site html and pdf: broken link faq, broken image links

<http://issues.apache.org/jira/browse/FOR-210>

The 'fresh-site' build from 'forrest seed site' reports some failures for `faq.html` and various missing images. Wonder if sitemap issue?

## 12 [FOR-721] entries without labels in `site.xml` are now being crawled and generated

<http://issues.apache.org/jira/browse/FOR-721>

In our `forrest/site-author/content/xdocs/site.xml` there are two entries without `<label>` attributes. Previously these documents were not being generated. Not sure if this change in behaviour is good or bad. Needs investigation. This is most likely a side-effect of the workaround for issue [FOR-675](http://issues.apache.org/jira/browse/FOR-675 "upgrading to commons-jxpath-1.2.jar causes failures with linkrewriter protocols site: etc.")

## 13 [FOR-675] upgrading to commons-jxpath-1.2.jar causes failures with linkrewriter protocols site: etc.

<http://issues.apache.org/jira/browse/FOR-675>

upgrading from `commons-jxpath-20030909.jar` to `commons-jxpath-1.2.jar` causes failures with linkrewriter protocols site: etc. This happens in both modes: 'forrest run' and 'forrest'.

## 14 [FOR-785] `plugins/*/skinconf.xml` does not validate since using entity to ease management

<http://issues.apache.org/jira/browse/FOR-785>

Recently i split the `skinconf.xml` for each plugin to refer to common stuff via an external entity. Works nicely. Okay, i admit it ... forgot to do 'build test' :- ) and it doesn't validate. The DTD insists on having the elements in a specific order.

## 15 [FOR-857] append license files to the top-level `LICENSE.txt`

<http://issues.apache.org/jira/browse/FOR-857>

The license files for accompanying external products needs to be appended after the Apache License in the top-level `$FORREST_HOME/LICENSE.txt` file. Perhaps the current discussion on the legal-discuss mailing list will clarify <http://www.apache.org/foundation/maillinglists.html#foundation-legal>

## 16 [FOR-1073] link elements with no href are created by `html-to-document.xsl` for a/ name

<http://issues.apache.org/jira/browse/FOR-1073>

In [\[PATCH\] Bugfixes and improvements for PDF output plugin](http://issues.apache.org/jira/browse/FOR-1072 "[PATCH] Bugfixes and improvements for PDF output plugin") ~~FOR-1072~~ Jeremias said: "Filtered out link elements with no href (which are created by `html-to-document.xsl` for `<a name=...>`). Forrest 0.7 didn't generate them as links at all but trunk does. Maybe that's wrong in the first place. There was also a mention of it previously on the dev list surrounding the recent FOP update branch work."

## 17 [FOR-644] code-style cleanup for xml files

<http://issues.apache.org/jira/browse/FOR-644>

We have much inconsistent whitespace in all of our files. This is known to cause trouble in a collaborative environment. See discussion at: <http://marc.theaimsgroup.com/?t=112450901100001> and <http://marc.theaimsgroup.com/?t=112495618800002> and various linked discussions.

**18 [FOR-985] the plugins 'test' target does not local deploy its required plugins**

<http://issues.apache.org/jira/browse/FOR-985>

>For some reason our plugin 'test' Ant target only <br/> >does a local deploy of the actual plugin that it is <br/> >testing and not the other plugins that are required <br/> >by this plugin.<br/> <br/> See thread: plugins 'test' target April 13 when testing RC1.

## 19 [FOR-211] whole-site html and pdf: broken ext links

<http://issues.apache.org/jira/browse/FOR-211>

In the the generated site.html all of the external links are broken (i.e. the href attributes are like ... error:#ext:forrest).

## 20 [FOR-1066] Dispatcher started failing on seed sample site recently with out-of-memory error

<http://issues.apache.org/jira/browse/FOR-1066>

```
cd $FORREST_HOME/main <br/> ./build.sh test <br/>
```

[illegible]

> The first stage (the skins-based site) builds fine. <br/> The second stage (the dispatcher-

based site) hangs.<br/><br/> See email:<br/><a href="http://mail-archives.apache.org/mod\_mbox/forrest-dev/200801.mbox/%3c20080131070310.GE2051@igg.indexgeo.com.au">

[http://mail-archives.apache.org/mod\\_mbox/forrest-dev/200801.mbox/](http://mail-archives.apache.org/mod_mbox/forrest-dev/200801.mbox/)

%3c20080131070310.GE2051@igg.indexgeo.com.au%3e</a><br/> Re: dispatcher hanging with out  
of memory errors

## 21 [FOR-1069] add notices for US cryptographic export laws

<http://issues.apache.org/jira/browse/FOR-1069>

We need to investigate our SVN and add crypto notices as explained at <http://www.apache.org/licenses/exports/> and the legal-discuss mail list.

## 22 [FOR-1077] new CreationDate causes constant differences in output pdf documents

<http://issues.apache.org/jira/browse/FOR-1077>

A problem has recently occurred with generating PDFs and publishing them. See the massive amount of commits to the Forrest "site" svn today when two different committers updated the

website. Every PDF changed. I did some investigation and can see that a CreationDate is being added. This is of course is changing on every run of forrest.<br/> <br/>

## 23 [FOR-889] Use by Ant of newer catalog entity resolver failing for Windows

<http://issues.apache.org/jira/browse/FOR-889>

Some people on Windows report that the 'forrest validate-xdocs' task is &quot;failing&quot; when we upgrade the \$FORREST\_HOME/tools/ant/lib/xml-commons-resolver.jar<br/> <br/> See discussion in: &nbsp;  [heads up] Ant upgraded, please test<br/> &nbsp;  <a href="http://marc.theaimsgroup.com/?t=114800390100001">http://marc.theaimsgroup.com/?t=114800390100001</a>

## 24 [FOR-1122] Example site contentIntegration currently only works in forrest run mode

<http://issues.apache.org/jira/browse/FOR-1122>

Due to some remote content being aggregated into the site, 'forrest site' will fail as it can not resolve the remote locations.

## 25 [FOR-1104] pdf output warnings "paragraph overflows the available area"

<http://issues.apache.org/jira/browse/FOR-1104>

Warnings are issued such as the following from our &quot;site-author&quot;;<br/> > <br/> WARN - Line 1 of a paragraph overflows the available area. (fo:block, &quot;project.required.plugins=org.apache.forrest.plugin.input.OpenOffice.o)<br/> <br/> These come from &quot;source&quot; elements with content that has lines that are too wide, e.g.<br/> pluginDocs/plugins\_0\_90/usingPlugins.xml<br/> <br/> Perhaps there some way that we can word-wrap or break the long text lines.