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 <u>issue tracking system</u> (see <u>all</u> 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-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 <strike>FOR-865</strike> "Add missing entries to status.xml to generate the changes list".

3 [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.

4 [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 "Fix for Version" on to the next release.

 Here are some of the tasks:

 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).

 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 accidently added to external files. See etc/relicense.txt

 C) Remove any author tags.

5 [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

6 [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.

7 [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/mailinglists.html#foundation-legal

8 [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
 ./build.sh test
                &> The first stage (the skins-based site) builds fine.
 The second stage (the dispatcher-based site) hangs.

 See email:
 http://mail-archives.apache.org/mod_mbox/forrest-dev/200801.mbox/%3c20080131070310.GE2051@igg.indexgeo.com.au%3e
 Re: dispatcher hanging with out of memory errors

9 [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.

10 [FOR-1184] using unreleased code for some supporting products

http://issues.apache.org/jira/browse/FOR-1184

After the last release, an issue was brought to our attention about using unreleased code from other projects.

11 [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 "failing" when we upgrade the $FORREST_HOME/tools/ant/lib/xml-commons-resolver.jar

 See discussion in:
  [heads up] Ant upgraded, please test
  http://marc.theaimsgroup.com/?t=114800390100001

12 [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.

13 [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 "site-author":

 WARN - Line 1 of a paragraph overflows the available area. (fo:block, "project.required.plugins=org.apache.forrest.plugin.input.OpenOffice.o)

 These come from "source" elements with content that has lines that are too wide, e.g.
 pluginDocs/plugins_0_90/usingPlugins.xml

 Perhaps there some way that we can word-wrap or break the long text lines.

14 [FOR-1103] Move output.inputModule code into core

http://issues.apache.org/jira/browse/FOR-1103

As discussed and decided in the thread

 http://www.mail-archive.com/dev@forrest.apache.org/msg14705.html

 see esp. the message:

 http://marc.info/?l=forrest-dev&m=122030056505478&w=2

 we want to move the code for the output.inputModule into the core, to get rid of plugin dependencies. This should be done before we release 0.9.

 This issue is created just to not loose track of it.

15 [FOR-1152] regularly ensure cross-browser consistency

http://issues.apache.org/jira/browse/FOR-1152

Review the sites using cross-browser testing tools.

16 [FOR-1149] regularly review our example sites

http://issues.apache.org/jira/browse/FOR-1149

We need to continually re-assess our example sites, to ensure such things as xml validation, css validation, and cross-browser consistency.

 Please leave this issue and subtasks as an open reminder of what needs to be done. Create separate issues for each problem that arises.

17 [FOR-1150] regularly ensure valid HTML

http://issues.apache.org/jira/browse/FOR-1150

Ensure that HTML validates okay for the test document referred to in the parent issue. Use http://validator.w3.org/

18 [FOR-1151] regularly ensure valid CSS

http://issues.apache.org/jira/browse/FOR-1151

Ensure that CSS validates okay for the test document referred to in the parent issue. Use http://jigsaw.w3.org/css-validator/

19 [FOR-1165] Samples Tab does not stay highlighted when sub-tab or sub-tab menu items are chosen - Pelt Theme

http://issues.apache.org/jira/browse/FOR-1165

Choose the 'Samples' tab and it correctly highlights.
 Then choose either 'Samples1' or 'Samples2' sub-tab and the 'Samples' highlight is removed. Correct behaviour as per Pelt Skin is for the highlighting color to remain.

20 [FOR-1168] Sample pages that fail validation

http://issues.apache.org/jira/browse/FOR-1168

The main 'sample.html' passes validation fine, however some other pages fail xhtml 1.0 strict validation. Mainly due to the use of the + symbol in name anchors. Not a problem for sites validating to HTML4.01.

 These pages include (but check for more)

 samples-b/ usemap.html <br/> samples-b/xinclude.html <br/> samples-b/static.html <br/> samples-b/linking.html <br/> samples-b/howto-wowto.html <br/> samples-b/embedded_html.html <br/> samples-b/ ascii-art.html <br/> locationmap/index.html <br/> samples-c/subdir/index.html <br/> samples-c/showonlywhenselected/page1.html <br/> samples-c/showonlywhenselected/page2.html <br/> pluginDocs/plugins_0_90/index.html

21 [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.

22 [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 <strike>FOR-1072</strike> 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.

23 [FOR-1190] DTD Document Documentation lists empty links

http://issues.apache.org/jira/browse/FOR-1190

The documentation generates empty link elements for element names:

 http://forrest.apache.org/dtdx/document-v13.dtdx.html

24 [FOR-1187] upgraded PDF plugin was not deployed properly

http://issues.apache.org/jira/browse/FOR-1187

Around January 2008 the PDF plugin was upgraded, gaining functionality that was only relevant to forrest-0.9-dev. It was re-deployed without changing the version numbers in the plugin descriptor.

25 [FOR-1166] Search Button is misplaced to the right in some browsers - Pelt Theme

http://issues.apache.org/jira/browse/FOR-1166

The 'Search' Button used with the 'Search the site with ...' Feature is not correctly situated in Firefox on Linux machines. It is way off to the right, making the site pages horizontally scroll apart from it being ugly.

 Interestingly, it looks fine in Firefox on Windows. Also looks good in IE7 and Google Chrome on Windows.