

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-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 accidentally added to external files. See etc/relicense.txt

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 [FOR-865](http://issues.apache.org/jira/browse/FOR-865 "Add missing entries to status.xml to generate the changes list") "Add missing entries to status.xml to generate the changes list";

3. [FOR-865] Add missing entries to status.xml to generate the changes list

<http://issues.apache.org/jira/browse/FOR-865>

There are insufficient entries in our site-author/status.xml to generate the changes.html for the upcoming release.

 Besides informing users of the major changes and providing cross-links to the issue tracker, this file also provides recognition of contributions ... at the moment there are too few. It also has the importance=high attribute, which generates our release announcement ... again, too few.

 Re: better use of changes.html (Was: Community health)
 <http://marc.theaimsgroup.com/?t=114274836600001>

4. [FOR-911] decide content of release

<http://issues.apache.org/jira/browse/FOR-911>

For past releases we have essentially done a "source" release, i.e. pack everything found in svn trunk including a pre-built forrest binary jar file.

 Here is one recent discussion:

 content of release [was: Re: review list of scheduled issues for 0.8 release]

 <http://marc.theaimsgroup.com/?t=115257903800001>

5. [FOR-533] Auto Generate plugins.xml entry

<http://issues.apache.org/jira/browse/FOR-533>

The information in the plugins.xml file would be better kept in the plugin directory and added to the plugins.xml file when deployed. This would reduce the amount of duplication in the plugins config files.

 All the necessary values are now in the plugin build.xml file.

 This change will require that the plugins.xml file be retrieved from the build directory rather than the plugins directory when building the plugin documentation pages. We will therefore need a fall back to retrieve this file from the network if it is not currently available - this can be done with the locationmap

6. [FOR-639] define terminology for the various aspects of Dispatcher

<http://issues.apache.org/jira/browse/FOR-639>

See the email thread:
 http://marc.theaimsgroup.com/?t=112276643700001

7. [FOR-735] Plugins are not correctly deployed in webapp mode

<http://issues.apache.org/jira/browse/FOR-735>

(At this point I didn't try this scenario step by step any more; basically it is what we did to setup the site, except that we copied our project data from forrest 0.6 before trying the pdf links)

 - run forrest webapp to create an empty webapp
 - configure Tomcat to run the webapp (we did it by creating a context descriptor and put it onder Tomcat's config directory)
 - the pdf links give an error "Resource Not Found";

8. [FOR-742] trouble accessing unversioned plugin for a released version of Forrest, e.g. projectInfo

<http://issues.apache.org/jira/browse/FOR-742>

The plugin retrieval and deployment process are not quite correct. Recently the projectInfo plugin had its version number incremented and the "unversioned" plugin now relates specifically to 0.8-dev version. That prevents 0.7 from accessing the relevant plugin.

 The solution is discussed here:
 http://marc.theaimsgroup.com/?t=113176328300002

9. [FOR-241] character entities (e.g. ampersand) are expanded again for href or src attributes

<http://issues.apache.org/jira/browse/FOR-241>

If I have a url like this inside the XML source:

 http://sourceforge.net/sflogo.php?g

 validate-xdocs fails because it wants the literal & to be typed out as
 &

instead. So I correct it to become:

 http://sourceforge.net/sflogo.php?g

 However, the generated HTML has the entity resolution UNDONE!:

 http://sourceforge.net/sflogo.php?g

 This HTML fails validation as 4.01 transitional.

 David Crossley adds:

There is a demonstration of the problem in the document

src/documentation/content/xdocs/docs/dreams.xml
 The ampersand in the link element text is
properly handled but
 the ampersand in the link href attribute is not.

10. [FOR-200] Locationmap for Forrest and Users

<http://issues.apache.org/jira/browse/FOR-200>

The locationmap gives us the ability to specify where sources are, both for Forrest and for the users. Beware that it will not work for raw files that are not linked, as this "feature" currently uses a fixed dir being copied by Ant.

11. [FOR-546] Sitemap reference doc should be updated to reflect plugin architecture

<http://issues.apache.org/jira/browse/FOR-546>

The example at http://forrest.apache.org/0.7/docs/sitemap-ref.html uses a fo2pdf serializer. This probably worked in versions < 0.7, because the PDF output feature was in the core, and the serializer was very likely declared there. With version 0.7, PDF output is moved to a plugin, the fo2pdf serializer seems to be no longer there. The serializer should probably be added to the example, for completeness.

```
<map:components>  
  <map:serializers>  
    <map:serializer name="fo2pdf"/>  
  </map:serializers>  
</map:components>
```

I found out about this because my sitemap uses the fo2pdf too (docbook to PDF), and had to add the serializer.

12. [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.

13. [FOR-666] clarify the sitemap matches etc. in FAQ about non-skinned html

<http://issues.apache.org/jira/browse/FOR-666>

The pattern matching example is quite misleading. There should be a note where exactly to copy your old site (in a standard seeded project) to make the pattern matching work.

 At least for me it worked only after I used a *.html directive.

 <map:match pattern="old_site/*.html">

14. [FOR-726] use locationmap in all of the plugins

<http://issues.apache.org/jira/browse/FOR-726>

Each plugin has sitemaps that need to use the locationmap.

 (Perhaps we need Jira sub-tasks for each plugin.)

15. [FOR-765] forrest war and classpath issues with Jetty

<http://issues.apache.org/jira/browse/FOR-765>

Until recently we could run forrest as a WAR with Jetty. With today's SVN r356945 it gets past the Cocoon startup phase, then on the first client request it suffers some error which causes a NoSuchMethodError. See attached log ... no other clues. This happens for any site, e.g. 'forrest seed-sample war'. All is okay for 'forrest seed-sample run'. This indicates a classpath issue with Jetty/Forrest configuration.

16. [FOR-901] Review the note on the home page about first forrest run and retrieving plugins from network

<http://issues.apache.org/jira/browse/FOR-901>

Review the note on the home page about first forrest run and retrieving plugins from network
 <a href="http://svn.apache.org/viewvc/forrest/trunk/site-author/content/xdocs/index.xml?r1=365495&r2=365494&

17. [FOR-906] locationmap documentation explain this-to-that.xsl naming convention and default lm matches

<http://issues.apache.org/jira/browse/FOR-906>

Explain this-to-that.xsl naming convention and default locationmap matches.

18. [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.

19. [FOR-936] Forrest "looses" the locale when switching pages

<http://issues.apache.org/jira/browse/FOR-936>

When moving from one page to another and switching locales in between, the chosen locale is lost when entering the new page. To reproduce:
 1) set up and run forrest with `ON`
 2) open a localized page
 3) switch locale by appending `'?locale=XY'` in the address field
 4) open another page available in both the original locale (before the switch) and the new locale `XY`
 5) notice how the new page is displayed in the original locale, NOT the expected `XY` locale
 Although one could argue that the described behaviour is wanted in some cases, I believe that to most users it would be natural that the locale is "sticky"; once changed - it should not change back by itself. Thus, the "sticky" behaviour should be default in Forrest.
 The fix is simple, patch to come soon.

20. [FOR-704] span-template in html2document.xsl doubles span-content

<http://issues.apache.org/jira/browse/FOR-704>

template for span-element traverses to children elements via `xsl:apply-templates` TWICE! once in `xsl:choose`, then outside `span`. thus producing doubling the content of span.
 ::
`<xsl:template match="span"><xsl:choose>`
`<!-- ... -->` `<xsl:otherwise>` `<!-- Strip -->` `<xsl:apply-templates/>` `<xsl:otherwise>` `</xsl:choose>`
``
`<xsl:apply-templates select="/*">` `<xsl:template>`

21. [FOR-537] Plugin documentation sitemap references

<http://issues.apache.org/jira/browse/FOR-537>

This one references: `<code>FORREST_INSTALL_DIR/plugins/sitemap.xmap</code>` and `<code>src/plugins/sitemap.xmap</code>` and `<code><map:mount uri-prefix="<code>"</code>"</code>`
``
`` `--tim`

22. [FOR-635] images not reproduced in PDFs, if sources are in xdocs/images directory

<http://issues.apache.org/jira/browse/FOR-635>

We used to enable images to be placed in the `xdocs/images` directory. However, now they are intended to go in the `resources/images` directory instead. Both methods will work for html pages, but only the latter method for the PDF pages.

23. [FOR-671] Layering error of HTML headings breaks rest of the page w/o warning

<http://issues.apache.org/jira/browse/FOR-671>

Up to revision 280144 if you make Forrest display the following file as a skinned .html-file in Forrest, you'll only see the title. Only if you fix the layering error of the headings and make h2 into h1 will the rest of the page content show.

 If Forrest minds this layering error it should at least report it as an error, shouldn't it?

 <?xml version="1.0"

encoding="ISO-8859-1">
 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" >

href="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict

```
<br/> &lt;html&gt; <br/> &lt;head&gt; <br/> &lt;title&gt;Englisch&lt;/title&gt; <br/> &lt;/head&gt;
```


 <body class="Oberbereich">
 <h2>Kursthemen</h2>

<ul class="Kursthemenliste">

class="Kurstthemenlistenpunkt">
 <a

class="Kursthemenliste_Listenpunkt";

[Getting Started in Business \(Abendkurs 1 x wöchentlich\)](#)

[illegible]

 <li class="Kurstthemenlistenpunkt">
 <a

class="Kursthemenliste_Listenpunkt";

["KursthemaDateiname">Getting Ahead in Business \(Abendkurs 1 x wöchentlich\)
](#)

[illegible]

 <li class="Kurstthemenlistenpunkt">
 <a

class="Kursthemenliste_Listenpunkt";

[Complaints, Reports and other Messages \(Wochenendseminar\)](#)

[illegible]

 &lt;/li>;
 &lt;/ul>;
 &lt;/body>;
 &lt;/html>;

24. [FOR-731] empty linkmap.html document, side-effect of workaround to FOR-675

<http://issues.apache.org/jira/browse/FOR-731>

The main/webapp/resources/stylesheets/linkmap-to-document.xsl has a workaround for a side-effect to the 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.").

25. [FOR-767] Forrestbot webapp reports succesful even when there are broken links

<http://issues.apache.org/jira/browse/FOR-767>

We should also report why it failed:
 - plugin problem
 - broken link (with a link to

the broken links file)
 - ??
