

Open issues for the next release

Table of contents

1 [FOR-855] verify the license situation prior to each release.....	2
2 [FOR-865] Add missing entries to status.xml to generate the changes list.....	2
3 [FOR-868] add relevant notes to the "Upgrading" xdoc.....	2
4 [FOR-533] Auto Generate plugins.xml entry.....	2
5 [FOR-639] define terminology for the various aspects of Dispatcher.....	3
6 [FOR-735] Plugins are not correctly deployed in webapp mode.....	3
7 [FOR-711] Cache results from the Locationmap.....	3
8 [FOR-742] trouble accessing unversioned plugin for a released version of Forrest, e.g. projectInfo.....	3
9 [FOR-241] character entities (e.g. ampersand) are expanded again for href or src attributes.....	3
10 [FOR-200] Locationmap for Forrest and Users.....	4
11 [FOR-546] Sitemap reference doc should be updated to reflect plugin architecture.....	4
12 [FOR-666] clarify the sitemap matches etc. in FAQ about non-skinned html.....	4
13 [FOR-726] use locationmap in all of the plugins.....	5
14 [FOR-765] forrest war gets NoSuchMethodError for some core transformer.....	5
15 [FOR-776] rationalise the pluginTemplate and current plugins to have minimal configuration files, etc.....	5
16 [FOR-901] Review the note on the home page about first forrest run and retrieving plugins from network.....	5
17 [FOR-906] locationmap documentation explain this-to-that.xsl naming convention and default lm matches.....	5
18 [FOR-911] decide content of release.....	5
19 [FOR-922] update all docs that explain sitemap fragments.....	6
20 [FOR-936] Forrest "looses" the locale when switching pages.....	6
21 [FOR-537] Plugin documentation sitemap references.....	6
22 [FOR-635] images not reproduced in PDFs, if sources are in xdocs/images directory.....	6
23 [FOR-671] Layering error of HTML headings breaks rest of the page w/o warning.....	7
24 [FOR-731] empty linkmap.html document, side-effect of workaround to FOR-675.....	7
25 [FOR-767] Forrestbot webapp reports succesful even when there are broken links.....	7

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-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

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 FOR-865 "Add missing entries to status.xml to generate the changes list" "

4. [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

5. [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

6. [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";

7. [FOR-711] Cache results from the Locationmap

<http://issues.apache.org/jira/browse/FOR-711>

Now that we are using the locationmap extensively it is showing up just how innefficient it is. The problem is that for the majority of requests there are multiple requeests to the locationmap. We can make things much faster (especially on the first page request) by caching results in the locationmap.

 I think a simple cache will suffice, lets just provide a static hashmap using the hint as a key and, of course, the location as the value.

 If we test all locationmaps and find no result we should record that tere is no result in this hashmap. This will also be a good place to throw an exception so that Cocoon can better report such errors (see FOR-701)

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-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";>

13. [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.)

14. [FOR-765] forrest war gets NoSuchMethodError for some core transformer

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

Until recently we could run forrest as a WAR. 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'.

15. [FOR-776] rationalise the pluginTemplate and current plugins to have minimal configuration files, etc.

<http://issues.apache.org/jira/browse/FOR-776>

forrest.properties can have minimal entries and rely on the default.forrest.properties
 Remove PDF from each "project.required.plugins"

 skinconf.xml needs to be ready-to-go for Apache Forrest hosted plugins. Helps with keeping the plugin docs consistent. (The need for skinconf.xml will probably go away with the new Dispatcher.)

 Fix whitespace in pluginTemplate files and existing plugins. Helps to use diff to keep consistent config.

 xdocs/images should be in documentation/resources/images

 site.xml needs to be consistent and remove any unnecessary files for xdocs.

 Tidy up the pluginTemplate/status.xml

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-911] decide content of release

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 "

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="Kursthememenliste">

class="Kurstthemenlistenpunkt">
 <a

class="Kursthemenliste_Listenpunkt";

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

wöchentlich)

[illegible]

 <li class="Kurstthemenlistenpunkt">
 <a

class="Kursthemenliste_Listenpunkt":

href="\$KursthemaDateiname">Getting Ahead in Business (Abendkurs 1 x

wöchentlich)

[illegible]

 <li class="Kurstthemenlistenpunkt">
 <a

class="Kursthemenenliste_Listenpunkt":

href="\$KursthemaDateiname">Complaints, Reports and other Messages

(Wochenendseminar)

[illegible]

 </body>
 </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)
 - ??
