Open issues for the next release

Table of contents

> **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-868] add relevant notes to the "Upgrading" xdoc

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

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".

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

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

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

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

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

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)
 <a href="http://marc.theaimsgroup.com/?t=114274836600001">http://marc.theaimsgroup.com/?t=11427483660000

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

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

(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 under Tomcat's config directory)
 - the pdf links give an error "Resource Not Found"

---

5. [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 reqeuests 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 sufice, 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)

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

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

See the email thread:
 <a href="http://marc.theaimsgroup.com/?t=112276643700001">http://marc.theaimsgroup.com/?t=11227664370000

7. [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:
 <a href="http://marc.theaimsgroup.com/?t=113176328300002">http://marc.theaimsgroup.com/?t=11317632830000

8. [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

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:

 <a
href="http://sourceforge.net/sflogo.php?group_id=comics-grabber&type=1">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:

 <a
href="http://sourceforge.net/sflogo.php?group_id=comics-grabber&type=1">http://sourceforge.net/sflogo.php?g

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

 <a
href="http://sourceforge.net/sflogo.php?group_id=comics-grabber&type=1">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 <br/> the ampersand in the link href attribute is not.

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

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

The example at <a
href="http://forrest.apache.org/0.7/docs/sitemap-ref.html#pdf">http://forrest.apache.org/0.7/docs/sitemap-ref.htm
uses a fo2pdf serializer. This probaly 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.

11. [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 directeive.

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

12. [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.)

13. [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'.

14. [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 unneccessary files for xdocs.

 Tidy up the pluginTempate/status.xml

15. [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&

16. [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 being copied by Ant.

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

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]
  <a href="http://marc.theaimsgroup.com/?t=115257903800001">http://marc.theaimsgroup.com/?t=11525790380000

19. [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.

20. [FOR-537] Plugin documentation sitemap references

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

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

 <a href="http://forrest.apache.org/0.7/docs/plugins/pluginInfrastructure.html#How+does+Installation+work%3F">]

 --tim

21. [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, shoulnd't it?

 <?xml version="1.0" encoding="ISO-8859-1"?>
 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "<a href="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">http://www.w3.org/TR/xhtml1/DTD/xhtml1-stric
 <html>
 <head>
 <title>Englisch</title>
 </head>
 <body class="Oberbereich">
 <h2>Kursthemen</h2>
 <ul class="Kursthemenliste">
 <li class="Kurstthemenlistenpunkt">
 Getting Started in Business (Abendkurs 1 x wöchentlich)
               </a&g

 &lt;/li&gt;
 &lt;li class=&quot;Kurstthemenlistenpunkt&quot;&gt;
 &lt;a
class=&quot;Kursthemenliste_Listenpunkt&quot;
href=&quot;$KursthemaDateiname&quot;&gt;Getting Ahead in Business (Abendkurs 1 x
w&#xF6;chentlich)
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&lt;/a&g

 &lt;/li&gt;
 &lt;li class=&quot;Kurstthemenlistenpunkt&quot;&gt;
 &lt;a
class=&quot;Kursthemenliste_Listenpunkt&quot;
href=&quot;$KursthemaDateiname&quot;&gt;Complaints, Reports and other Messages
(Wochenendseminar)
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&lt;/a&g

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

22. [FOR-861] Update locationmap docs for working with remote files

http://issues.apache.org/jira/browse/FOR-861

The docs for retrieving content from remote locations [1] have not kept up with Tims wonderful
naming conventions for the locationmap [2]

 We need to update the docs to reflect the
situation described in [3] (don't miss the correction in the next message)

 [1] <a
href="http://forrest.apache.org/docs_0_80/locationmap.html#source-via-http">http://forrest.apache.org/docs_0_

 [2] <a
href="http://forrest.apache.org/docs_0_80/locationmap.html#namingConvention">http://forrest.apache.org/docs

 [3] <a
href="http://marc.theaimsgroup.com/?t=114492612100001&r=1&w=2">http://marc.theaimsgroup.com/?t=1144

23. [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 <a href="http://issues.apache.org/jira/browse/FOR-675"
title="upgrading to commons-jxpath-1.2.jar causes failures with linkrewriter protocols site:
etc.">FOR-675.

24. [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)
 - ??

25. [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.