

Open issues for the next release

Table of contents

1 [FOR-144] define new format for skinconf.xml.....	2
2 [FOR-591] MaxMemory needs increasing.....	2
3 [FOR-678] views not working on forrest seed forrest site.....	2
4 [FOR-675] upgrading to commons-jxpath-1.2.jar causes failures with linkrewriter protocols site: etc.....	2
5 [FOR-588] Design new configuration system.....	2
6 [FOR-572] run a memory profiler while forrest is operating.....	3
7 [FOR-427] Need licensing element in plugins.xml.....	3
8 [FOR-388] Use plugins in-place if src available.....	3
9 [FOR-630] Forrest strategy and direction.....	3
10 [FOR-654] Create Schema for XHTML2 subset.....	4
11 [FOR-490] serve multiple sites on a single Forrest instance.....	4
12 [FOR-343] Upgrading Plugins.....	4
13 [FOR-277] investigate use of forrest-0.6-dev as webapp with Tomcat 5.....	4
14 [FOR-284] link rewriting broken when linking to xml source views which contain site: links.....	4
15 [FOR-247] Tigris *.css need cleanup to remove our local changes.....	5
16 [FOR-241] character entities (e.g. ampersand) are expanded again for href or src attributes.....	5
17 [FOR-209] First level selected tab is not highlighted when containing 2nd level tabs.....	5
18 [FOR-210] whole-site html and pdf: broken link faq, broken image links.....	5
19 [FOR-211] whole-site html and pdf: broken ext links.....	5
20 [FOR-215] site.lucene name colaps with site.html request.....	6
21 [FOR-203] 2nd level tabs are not selected appropriately.....	6
22 [FOR-187] Redefine project documentation dirs.....	6
23 [FOR-184] Switch to XHTML2.....	6
24 [FOR-157] skin-descriptors comma separated list fails.....	6
25 [FOR-143] Encoding of HTML files should be configurable.....	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-144] define new format for skinconf.xml

<http://issues.apache.org/jira/browse/FOR-144>

We are attempting to define a new extensible skinconf format. Here is one thread where the discussion is happening (there were some other threads leading up to that). <http://marc.theaimsgroup.com/?t=108315759100005> <http://marc.theaimsgroup.com/?t=108315759100005>

2. [FOR-591] MaxMemory needs increasing

<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. Does this indicate a memory leak? Does someone have the tools to run some diagnostics? (NB maxmemory has been increased in forrest.properties, if we resolve this issue it should be reduced again)

3. [FOR-678] views not working on forrest seed forrest site

<http://issues.apache.org/jira/browse/FOR-678>

svn up At revision 290844. Did build.sh clean; build.sh and views.sh forrest seed enable views in forrest.properties forrest site ... X [0] linkmap.html
BROKEN:
org.apache.commons.jxpath.JXPathContext.setNamespaceContextPointer(Lorg/apache/commons/jxpath/Pointer
Total time: 0 minutes 10 seconds, Site size: 0 Site pages: 0 BUILD FAILED
/usr/java/forrest/main/targets/site.xml:41: Java returned: 1

4. [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: 'forret run' and 'forrest'.

5. [FOR-588] Design new configuration system

<http://issues.apache.org/jira/browse/FOR-588>

We need a new config system for Forrest for various reasons: the initial config system was known to be limited; to enable the specification of multiple Forrest sites within a single instance of Forrest; to accommodate the changes brought about by forrest:views, themes, and plugins.

6. [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.

7. [FOR-427] Need licensing element in plugins.xml

<http://issues.apache.org/jira/browse/FOR-427>

Since plugins can be hosted on different sites they can be released under licenses other than the Apache one. We need an element in `plugins.xml` that records the type of license a plugin is released under. This element should be used by the plugin install process to verify that the user agrees to the terms of that license before download and installation is started.

8. [FOR-388] Use plugins in-place if src available

<http://issues.apache.org/jira/browse/FOR-388>

At present Forrest will attempt to download plugins even if they are available in src form in the local filesystem as part of an SVN checkout.

 Have Forrest mount plugins from designated directories in preference to downloading them wherever possible (need more than possible location for src plugins as some people may be developing their own plugins outside of Forrest)

9. [FOR-630] Forrest strategy and direction

<http://issues.apache.org/jira/browse/FOR-630>

Topics for discussion gathered at ApacheCon EU 2005.

WARNING: Only reply to the general theme of this topics list. Please create separate threads for each specific topic.

Actually we should be using Jira for some of this. How about discussing on the mailing list, and putting summaries into Jira.

I have the scraps of paper that Nicola Ken wrote.

Photographs are in:

<http://svn.apache.org/repos/asf/forrest/events/apachecon-eu-2005>

Ross helped me to interpret some of the squiggles, but there are still some obscure parts (marked with #? below). The items are raw, i have not tried to explain any or add others.

List of topics is in no particular order and it is not complete. We spent maybe 15 minutes brainstorming. We had a first quick pass at assigning some priority.

I don't understand NKBs priority symbols.

Anyway some items were marked with

 &circle ... [C] &square ... [S]

Then we went straight on to the top topic: "configuration" and spent the rest of the day.

* Create lenya/forrest publication.

* [C] Naming convention for "views".

* Roadmap specifically for views.

* [S] i18n support with locationmap.

* Locationmap - what is needed to complete it.

* [C] Configuration |> apache #?

arrow apache #?

* TraversableSource ...

 * Source resolving for locationmap.

 * [C] How views are interacting with locationmap?

* [S] Documentation mismatch. Docs are distributed in various places: site, plugins, seed.

* Block documentation for Cocoon (/Forrest).

* [C]

[illegible]

10. [FOR-654] Create Schema for XHTML2 subset

<http://issues.apache.org/jira/browse/FOR-654>

We need a RelaxNG schema for the subset of XHTML identified in: <http://marc.theaimsgroup.com/?l=forrest-dev&m=112489488330888&w=2>

11. [FOR-490] serve multiple sites on a single Forrest instance

<http://issues.apache.org/jira/browse/FOR-490>

Nicola Ken Barozzi wrote:
> After that, it would be beneficial to be able to serve
> multiple sites on a single Forrest instance, so that we
> can have other projects join and
> have their site served.
This last point (seving multiple "sites" from one Forrest instance) is important even without moving Forrest to a live server (I'm +1 on this).
Right now we have various styleguides in Forrest and if I need to run them at once I have to start Forrest/jetty with different ports.
(From Thread "RT] Serving Apache Forrest site from live Forrest" on dev-list. Will add link later.)

12. [FOR-343] Upgrading Plugins

<http://issues.apache.org/jira/browse/FOR-343>

Currently when installing a plugin Forrest attempts to install the most suitable version available. However, it makes no attempt to upgrade plugins when an upgrade becomes available. We need a target in the buildfile that will upgrade an indicated plugin when possible. This can then (optionally) be used when running Forrest to automatically upgrade plugins.

13. [FOR-277] investigate use of forrest-0.6-dev as webapp with Tomcat 5

<http://issues.apache.org/jira/browse/FOR-277>

Some people report having troubles running Forrest as a webapp under Tomcat. Needs investigation before 0.6 release.
This is the background email to forrest-users:
<http://mail-archives.apache.org/eyebrowse/ReadMsg?listId=260&msgNo=282>
Forrest 0.6 Interaction with Tomcat 5.0.27
Wed, 4 Aug 2004 10:18:34 -0500

14. [FOR-284] link rewriting broken when linking to xml source views which contain site: links

<http://issues.apache.org/jira/browse/FOR-284>

When linking to *.xml files (e.g. to demonstrate a source file) then if that file contains "site:" or "ext:" links, then they are reported as broken, e.g. docs/site:dtd-docs

15. [FOR-247] Tigris *.css need cleanup to remove our local changes

<http://issues.apache.org/jira/browse/FOR-247>

We have made some local changes to our copies of the tigris *.css which actually need to go into an over-riding css. Also remove our license notice which was added by accident.

 http://marc.theaimsgroup.com/?l=

16. [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.

17. [FOR-209] First level selected tab is not highlighted when containing 2nd level tabs

<http://issues.apache.org/jira/browse/FOR-209>

When there are two levels of tabs, the selected first level tab does not get highlighted, nor are there any other visual or structural clues as to which first-level tab is active, and which contains the displayed 2nd level tabs.

 This is checked with both the default skin, and with tigris-style.

18. [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?

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

descriptor 4) checked with "forrest available-skins" 5) forrest and it worked :)
... dunno why it have not yesterday.
Yes I do! I just changed:
forrest.skins.descriptors=<http://www.apache.org/~thorsten/whiteboard/forrestskins/skins.xml>
to forrest.skins.descriptors=<http://xml.apache.org/forrest/skins/skins.xml,http://www.apache.org/~thorsten/whiteboard/forrestskins/skins.xml>
Trying to say something wrong with the "comma seperated list,". The second link do *not* work. In detail the url of the skin.
I just double checked as well the <file:///d:/get/skins.xml> and it worked. When it stands alone but not in the comma seperated list.

25. [FOR-143] Encoding of HTML files should be configurable

<http://issues.apache.org/jira/browse/FOR-143>

From: Fabrice Bacchella

 By default, HTML files are encoded in ISO-8859-1 because of the way the Cocoon's HTML serialiser is declared in sitemap.xmap :

 <map:serializer name="html" mime-type="text/html" src="org.apache.cocoon.serialization.HTMLSerializer" >

 <doctype-public> -//W3C//DTD HTML 4.01 Transitional//EN

 <doctype-system> <a href="http://www.w3.org/TR/html4/loose.dtd"

 </doctype-system"> http://www.w3.org/TR/html4/loose.dtd

 </map:serializer>

 The default one is such a case is ISO-8859-1. And it even add a META in the HTML result. But here in French, ISO-8859-15 is better because of the =AB e dans l'o =BB character : =9C. In Russian or Asia, the
 situation is even worse.

 Is that possible to add a properties in forrest.properties saying for example :
 project.encoding=UTF-8

 and adding a

 <encoding> @project.encoding @

 </encoding> element in the
 HTML serializer ?

 And in a more general way, where can I find a document about the way properties are used by forrest ? Which files use them ? How to add a
 new one ?