

Open issues for the next release

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```
&nbsp;[exec] add: Put files and directories under version control,
scheduling &nbsp;[exec] them for addition to repository. They will
be added in next commit. <br> <br> &nbsp;[exec] usage: add PATH...
<br> <br> &nbsp;[exec] Valid options: <br>
&nbsp;[exec] --targets arg : pass contents of file ARG as additional <br>
&nbsp;[exec] -N [--non-recursive] : operate on single
directory only <br> &nbsp;[exec] -q [--quiet] : print as little as possible
<br> &nbsp;[exec] --config-dir arg : read user configuration files from
dire <br> ctory ARG <br> &nbsp;[exec] --auto-props : enable automatic
properties <br> &nbsp;[exec] --no-auto-props : disable automatic
properties <br> <br> &nbsp;[exec] Result: 1 <br> <br> deploy: <br>
&nbsp;[echo] Deploying org.apache.forrest.plugin.output.Chart to the
download ser <br> ver <br> &nbsp;[copy] Copying 1 file to
D:\openSource\forrest\build\svn-plugins-deploy\0.7 <br> <br>
&nbsp;[copy] Copying 1 file to
D:\openSource\forrest\build\svn-plugins-deploy <br> &nbsp;[exec] add:
Put files and directories under version control, scheduling <br>
&nbsp;[exec] them for addition to repository. They will be added in next
commit. <br> <br> &nbsp;[exec] usage: add PATH... <br> <br>
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&nbsp;[exec] --targets arg : pass contents of file ARG as additional <br>
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directory only <br> &nbsp;[exec] -q [--quiet] : print as little as possible
<br> &nbsp;[exec] --config-dir arg : read user configuration files from
dire <br> ctory ARG <br> &nbsp;[exec] --auto-props : enable automatic
properties <br> &nbsp;[exec] --no-auto-props : disable automatic
properties <br> <br> &nbsp;[exec] Result: 1 <br> <br> BUILD
SUCCESSFUL <br> Total time: 1 minute 56 seconds <br> <br> <br> (NOTE: the BUILD
SUCCESSFUL message is clearly incorrect - can we trap SVN problems?) <br>
```

6. [FOR-573] Provide locationmap mounting capability

<http://issues.apache.org/jira/browse/FOR-573>

Currently we cannot mount (or import) a locationmap from within another. We need this feature so that we can allow projects and/or plugins to override the default Forrest locationmap in the same way that we can override the default sitemaps.

 This will then enable us to remove the workaround in <code>map:match pattern="locationmap.xml"</code> in main/webapp/sitemap.xmap in which we have the project sitemap completely overriding the forrest locationmap.

7. [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.

8. [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 "Serving
 Apache Forrest site from live Forrest" on dev-list. Will add link later.)

9. [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 traget in the buildfile that will upgrade an indicated plugin when possible. This can then (optionally) be used when running Forrest to automatically upgrade plugins.

10. [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.apac
 <mailto:forrest-0.6-Interaction-with-Tomcat-5.0.27@forrest.apache.org> Wed, 4 Aug 2004 10:18:34 -0500

11. [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

12. [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=

13. [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?

 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?

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

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

 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.

14. [FOR-232] skin fetching cleanup

<http://issues.apache.org/jira/browse/FOR-232>

Fix skin fetching. It's an ugly combination of XSL and unusual ant tasks. It's also broken in at least one way: you get a malformed URL exception if you try to use a skin that doesn't exist. It should instead just say it doesn't exist.

15. [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.

16. [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?

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

<http://issues.apache.org/jira/browse/FOR-211>

In the the generated site.html all of the external links are broken (i.e. the href attributes are like ... error:#ext:forrest).

18. [FOR-215] site.lucene name colaps with site.html request

<http://issues.apache.org/jira/browse/FOR-215>

Any link called site.html or site.pdf produce a loop on the search functionality.

 The reason is an internal request called cocoon://site.lucene a work around

would be to choose another name for this internal request.

 But this means that a request called /index-creation.html would have the same problem.

19. [FOR-201] Common template to add alternate views in docs

<http://issues.apache.org/jira/browse/FOR-201>

The pdf, xml, etc links should be in the document itself for all skins, and be removed when printing. A common template would make all skins look consistent in this regard.

20. [FOR-203] 2nd level tabs are not selected appropriately

<http://issues.apache.org/jira/browse/FOR-203>

The 2nd level tabs are not shown for menu entries that caused the issue FOR-111. This happens because the starts-with() path comparison fails for menu entries that do not reside the same directory as is specified in the "dir" attribute of the 2nd level tabs.

 See the attached bug-demo.tgz for an example. Select "Samples/Apache document" and notice that the 2nd level tabs are shown. Now select "Samples/BUG DEMO" and notice that the 2nd level tabs are not shown.

 This is because the document corresponding to "Samples/Apache document" resides in the directory "/samples" whereas the document corresponding to "Samples/BUG DEMO" resides in the directory "/bug-sample".

 Kind regards,
 Lorenz Frohofer.

21. [FOR-183] New and consistent skin layout

<http://issues.apache.org/jira/browse/FOR-183>

We should redefine the files that go in a skin along with their placement and processing.

22. [FOR-184] Switch to XHTML2

<http://issues.apache.org/jira/browse/FOR-184>

Switch to using XHTML2 as a base and intermediate format. This means also using RelaxNG validations and will force to write new skins for this format.

23. [FOR-187] Redefine project documentation dirs

<http://issues.apache.org/jira/browse/FOR-187>

We should finalize all discussions about where to put sources and extensions in the projects.

24. [FOR-157] skin-descriptors comma separated list fails

<http://issues.apache.org/jira/browse/FOR-157>

The second link does **not** read the url of the skin correctly.

 I repeated today the steps with

a second skin:
 1) create the skin
 2) forrest package-skin
 3) defined it in my 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/w
to
 forrest.skins.descriptors=<a
href="http://xml.apache.org/forrest/skins/skins.xml,http://www.apache.org/~thorsten/whiteboard/forrestskins/sk

 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">

</map:serializer>

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

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

</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 ?