Open issues

1. build test - target fails, still refers to old dist/shbat/ stuff

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-171

Runing the 'build test' fails. It has not yet been adjusted after the merge of the "copyless" branch.

2. InvocationTargetException on shutdown from forrest run

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-170

After using 'forrest run' then Ctrl-C to shutdown the demo webapp, <br> an InvocationTargetException is issued.

3. Forrest-skin-bot

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-169

One suggestion (right now more a RT) would be to create a kind of "forrestskinbot" that can help manipulating the appearance of a site. It is just a thought right now.
 Main function would be to create (online - through a web app) a new skin for a site *without* touching *any code*! ...changing colours, placing logos, manipulate menu style, ... by filling out a form or manipulating a SVG.
 The forrestskinbot would then create the skin, package it, uploaded it to the server of the page, [maybe publish it to the forrest-skins.xml (after review by a committer this could be published for everyone)] and finally create the forrest.skins.descriptors entry in the local forrest.properties.

 ...afterwards that site could be even deployed and published on a server through the /normal/ forrestbot.

4. ascii-art generated image in pdf file

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-168

This technique: <a href="http://marc.theaimsgroup.com/?l=forrest-dev&m=108549071821701&w=2">http://marc.theaimsgroup.com/?l=forrest-de needs to be applied to forrest-seed to generate samples/ascii-art.pdf with the image.

 A better solution would be good, too....

5. brokenlinks file is generated in forrest.home rather than project.home

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-165

The Forrest build system specifies that the brokenlinks.xml file will be generated in the project build directory. We used to call the CLI directly and specify its parameters. However, now we just tell it where to find the cli.xconf file. This config file has a hard-coded path for ../brokenlinks.xml so it just gets generated in forrest.home

 If you have two or three different projects, then they will clash because they all write to the same brokenlinks file.

 Symptom of a larger issue - how to call the CLI properly and how best to configure it.

6. Add ability to generate Eclipse Help Plug-in compliant sites

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-162

It would be nice to be able to generate a site that can be embedded into an Eclipse help plugin.

 The criteria would be as such:

 1. Generate more compact html. i.e. with less header info. The Eclipse help center is typically sized small on a user's screen and the less cruft the better. The workaround decribed in #2 below can get around this with the current way things are generated, but its kludgey.

 2. Generate html that does not contain the menus as Eclipse uses an xml files called a toc file to generate its own menus. A current workaround is to generate the site using a modified the forrest-css skin. The css is modified to hide the menus and compress the header portion of the page. Although you have to specify a 1px image in skinconf.xml for the mandatory project logo in order for this to work.

 3. Generate an Eclipse toc file that is basically a transformation of the site.xml.

 Note - I have been using forrest fo exactly 1 day so buyer beware.

 Reference material:

 A link to a page decribing the format of the Eclipse toc file:

 http://help.eclipse.org/help2

 P.S. I left the priority for this issue at it default setting for no particular reason.

 Geoff

7. Full site (HTML and PDF) doesn't include index.xml

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-160

The site.html and site.pdf files automatically generated do not include the content in the index.xml files (at many levels).

 My site.xml references the index files, i.e.,

 <site ...

 <index href="index.html"/>

 ...

 <module tab="module" href="module">

 <index href="index.html"/>

 Without a label, Forrest does not generate a clickable link in the menu; you navigate via the tabs at the top.

 See the results at http://jakarta.apache.org/hivemind/

8. Need <index> in site.xml for tabs to work

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-158

I could not get tabs working correctly without adding an <index href="indexs.html"> inside site.xml.

 Details here:

 http://nagoya.apache.org/eyebrowse/ReadMsg?listName=</a href='mailto:forrest-user@xml.apache.org'>forrest-user@xml.apache.org&msgNo=18

 http://nagoya.apache.org/eyebrowse/ReadMsg?listName=</a href='mailto:forrest-user@xml.apache.org'>forrest-user@xml.apache.org&msgNo=20

9. skin-descriptors comma separated list fails

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=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: <br> forrest.skins.descriptors=<a href="http://www.apache.org/~thorsten/whiteboard/forrestskins/skins.xml">http://www.apache.org/~thorsten/whiteboard/forres <br> to <br> forrest.skins.descriptors=http://xml.apache.org/forrest/skins/skins.xml,<a href="http://www.apache.org/~thorsten/whiteboard/forrestskins/skins.xml">http://www.apache.org/~thorsten/whiteboard/forres

 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.

10. broken links building forrest site

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-156

I removed the forrest site's cli.xconf since it's only significant differences from the default cli.xconf were ignoring ext:** and site:** which we didn't want anyway.

 Now there are many broken links reported when building the site. However, it seems that there are no broken links on the generated pages.

 So there's a bug in the CLI I think.

11. FAQ has two tables of contents

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-154

The generated FAQ document has two tables of contents.

12. Removing unneed Jar on forrest distribution.

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-153

There are 71 Jar on our distribution. I am not 100% sure that all these jar are needed.

13. whole_site_html/pdf create needless heading at end of doc

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-150

The whole_site_html/pdf task create needless heading "All" at end of doc

14. linkrewriting not done for aggregate pages

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-147

site: and ext: links are not rewritten for site.html or site.pdf

15. Make Forrest able to be <import>ed by Ant

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-145

I use an ant build system called antworks,
 http://antworks.sourceforge.net/
 which includes an antlet for forrest.
 Antlets are included in to a projects build file with a ant import task.

 However forrest has many common target names and properties.
 Please prefix all targets and properties with "forrest." to support using ant import of the entire forrest.build.xml.

16. define new format for skinconf.xml

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=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

17. Encoding of HTML files should be configurable

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=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-public>

 <doctype-system>http://www.w3.org/TR/html4/loose.dtd&lt;/doctype-system>
 </map:serializer>

 The default one is such a case is ISO-8859-1. And it even add a META inthe 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 <br> situation is even worse.

 Is that possible to add a properties in forrest.properties saying for example : <br> 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 <br> new one ?

18. Two search boxes in tigris skin

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-142

The tigris skin currently contains both a top-right search box (like the other skins) and a lateral search bar. I think this might confuse some users -- it did confuse me :-) --, so I suggest that only one of these search facilities be kept.

 Personally, I do like the lateral search bar and think the top-right search form should go, but perhaps others feel differently.

19. XPath function: document() does not work

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-141

I am trying to process an external XML file within a Doc12 document.

 I have modified a DTD to allow my new element construct
 <project-file href="fw4100_r1_1_proj.xml"/>

 I have created a Stylesheet with:
 <xsl:template match="project-file">
 <section>
 <title>Project File</title>
 <xsl:variable name="EXT-DOC" select="@href"/>
 <p>Ext. Doc: <xsl:value-of select="$EXT-DOC"/>
 </p>
 <xsl:variable name="EXT-REF" select="document($EXT-DOC)//@pdd-num"/>
 <p>Ext. Ref: <xsl:value-of select="$EXT-REF"/>
 </p>
 </section>
 </xsl:template>
 Just to see if the document can be found.

 It works using command-line java: (java org.apache.xalan.xslt.Process -IN in.xml -XSL link.xsl -OUT out.xml)

 It works in my XML authoring tool: Oxygen 3

 In cocoon/forrest I get this in my core.log file:

 WARN (2004-04-29) 13:18.58:787 [core.manager] (/Forrest/projects/fw4010.html) TP-Processor3/ExcaliburComponentManager: Attempted to release a org.apache.cocoon.components.treeprocessor.sitemap.ComponentsSelector but its handler could not be located.

 And it repeats 18 or so times.

 Any guidence on using the 'document()' function in Forrest?

20. Replace trail javascript code for XSLT

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-134

The breadcrumbs-optimized.js should be replace for xslt code to produce proper html, xhtml or what ever output code we feel is necesary.

21. Creating PDF out of muti-language documents

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-132

When you transform a document with other characters than latin to PDF, in spite of the unicode(UTF-8) of the original file all

characters get broken and isn't readable. please, does anyone have a simple solution for this?

22. Give forrestbot the ability to upload the breadcrumbs.js file

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-129

(From the XML Apache FOP team)

 As discussed here [1], after running the publish command from the forrestbot we need to manually update the breadcrumbs.js within xml-site/targets/fop/skin directory [2]. (The forrestbot overwrites our breadcrumbs.js with a version that does not work.)

 I see no way to currently switch the buggy version that the Forrestbot uses to overwrite the breadcrumbs.js file.

 As an enhancement, to save us the need for the manual reversion everytime we publish the site, give Forrestbot the ability to read content/skin/breadcrumbs.js in our project directory [3]), and use *that* file when it publishes to xml-site.

 Of course, content/xdocs/* and content/skins/** already transfer over (as defined here [4], also see [5][6] for the Forrest site, for example.) We just need the ability for content/skin/breadcrumbs.js to do the same.

 Thanks,
 Glen Mazza
 Apache FOP Team

 [1] <a href="http://marc.theaimsgroup.com/?l=forrest-dev&m=108147561332545&w=2">http://marc.theaimsgroup.com/?l=forrest-de
 [2] <a href="http://cvs.apache.org/viewcvs.cgi/xml-site/targets/fop/skin/breadcrumbs.js">http://cvs.apache.org/viewcvs.cgi/xml-site/ta
 [3] <a href="http://cvs.apache.org/viewcvs.cgi/xml-fop/src/documentation/content/">http://cvs.apache.org/viewcvs.cgi/xml-fop/src/dc
 [4] <a href="http://xml.apache.org/forrest/forrest-contract.html#TheProject">http://xml.apache.org/forrest/forrest-contract.html#TheP
 [5] <a href="http://cvs.apache.org/viewcvs.cgi/xml-forrest/src/documentation/content/skins/skins.xml">http://cvs.apache.org/viewcvs
 [6] <a href="http://cvs.apache.org/viewcvs.cgi/xml-site/targets/forrest/skins/">http://cvs.apache.org/viewcvs.cgi/xml-site/targets/forre

23. Tabs and their Menus

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-128

When a tab is selected all the site's menus are shown. Only when one is chosen do these menu's become specific to the tab. I had to hard-code some stuff into site2site-selectnode.xsl to get the behaviour I wanted.

 I think an extra stage in the pipeline to shape the menu's required by tab would be an improvement.

 The current mix of book and site definition is very confusing and now with multiple tab levels is likely to become unmanageable.

 Please keep it simple otherwise the tool becomes unusable for new adopters,

 Thanks all the same

24. Tab Menu behaviour

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-127

For the following site.xml :-

 <site label="Hill Crest" href="" xmlns="http://apache.org/forrest/linkmap/1.0&quot; tab="home">

 <children label="Childrens Services" href="children/" tab="children">
 <bartons label="The Bartons" href="bartons.html" description="Bartons"/>
 <pentwyn label="Pentwyn" href="pentwyn.html" description="Pentwyn" />
 <slinfold label="Slinfold" href="slinfold.html" description="Slinfold" />
 <leyton label="Leyton" href="leyton.html" description="Leyton" />
 <norwood label="Norwood" href="norwood.html" description="Norwood" />
 <kingsbromley label="Kings Bromley" href="kingsbromley.html" description="KB" />
 </children>

 <disability label="Learning Disability Services" href="disability/" tab="disability">

<penge label="Penge" href="penge.html" description="Penge"/>
 <penge label="Vernon" href="vernon.html" description="Vernon"/>
 <penge label="Beach Road" href="beachroad.html" description="BR"/>
 <penge label="Keston" href="keston.html" description="Keston"/>
 </disability>

 <foster label="Fostercare" href="foster/" tab="foster">
 </foster>

 <education label="Education" href="education/" tab="education">
 </education>

 <referral label="Referral" href="referral/" tab="referral">
 </referral>

 <recruitment label="Recruitment " href="recruitment/" tab="recruitment">
 </recruitment >

 </site>

 and the following tabs.xml

 <tabs software="MyProj"
 title="MyProj"
 copyright="Foo"
 xmlns:xlink="http://www.w3.org/1999/xlink&quot;>

 <tab id="home" label="Home" dir="" indexfile="index.html"/>
 <tab id="children" label="Children's Services" dir="children" indexfile="index.html"/>
 <tab id="disability" label="Learning Disability Services" dir="disability" indexfile="index.html"/>
 <tab id="foster" label="Fostercare" dir="foster" indexfile="index.html"/>
 <tab id="education" label="Education" dir="education" indexfile="index.html"/>
 <tab id="referral" label="Referral" dir="referral" indexfile="index.html"/>
 <tab id="recruitment" label="Recruitment" dir="recruitment" indexfile="index.html"/>

 </tabs>

 The tabs are not selected when clicked. i fixed this by changing the <br> tab2menu.xsl template to this :-

 <xsl:template match="tab" mode="level1">
 <xsl:choose>
 <xsl:when test="@id and @id = $matching-id">
 <xsl:call-template name="selected"/>
 </xsl:when>
 <xsl:when test="not(@id) and @dir = $longest-dir or @href = $longest-dir or @dir = $longest-dir ">
 <xsl:call-template name="selected"/>
 </xsl:when>
 <xsl:otherwise>
 <xsl:call-template name="not-selected"/>
 </xsl:otherwise>
 </xsl:choose>
 </xsl:template>

 The long test is not correct because it assumes an id is not being used and therefore does not check the directory.

 It would be much better if forrest had a single way of defining tabs and menus

25. Add a "screen" tag

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-126

The purpose of the screen tag is to show the results of running a command.
 An alternative name would be output.
 The tag would function like the source tag except it would usually be rendered in a different color more evocative of console output.
 White on black would be a common option.

26. Text Ouput

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-125

Please provide the option of generating formated plain text output.
 All request ending in .txt should generate a plain text output.

 Word wrapping should default to 80 characters
 It should allow for as much formating as possible
 Including: <br> lists <br> indents <br> tables <br> footnotes to hyperlinks
 Strong and em.

27. The SVN repository needs some configuration tweaks

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-124

Apache infrastructure@a.o has converted our repositories from CVS to SVN. Now

we (Forrest) need to tweak its configuration.

 For example, being an opensource project, we have developers using multiple operating systems so we need to attend to the "svn:eol-style" property. This has been commenced but there are some issues. See <a href="http://marc.theaimsgroup.com/?l=forrest-dev&m=108000337929621">http://marc.theaimsgroup.com/?l=forrest-dev&am and recent messages to infrastructure@a.o

 We also need to convert our old ".cvsignore" files to use the "svn:ignore" property.

28. Email obfustication -- "incorrect"

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-122

Out of this thread,
 I seems that the Email obfustication should be configurable on its algorimt.

 http://nagoya.apache.org/eyebrowse/BrowseList?listName= href='mailto:forrest-dev@xml.apache.org'>forrest-dev@xml.apache.org&by=thread&from=652340

29. Fix build process to include JAR libs in WAR file again

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-118

JAR files required for a Forrest-built webapp to run are no longer copied to the build hierarchy as announced by Nicola Ken on Jan 26. The WAR archives created by "forrest war" therefore don't contain these required libs anymore and can't be deployed out of the box.

 A possible fix for this issue is to have src/core/targets/war.xml include the core and optional JARs directly from ${forrest.home}, using the Ant War task.

30. [PATCH] Use on Windows 98

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-113

There are a lot of NT specifics in Forrest batch files (@setlocal, %~dp0...) that prevent them to be run on Windows 98.

 It would be nice to have this compatibility :-)

 The most difficult part may be to emulate the setpwdvar.bat for NT. Here is a code snippet that does the trick :

 @echo off <br> echo @prompt set PWD=p_ > _temp_A.bat
 %comspec% /e:2048 /c _temp_A.bat > _temp_B.bat <br> call _temp_B.bat <br> del _temp_?.bat

 Hope this helps.

 Cheers,

 p.b.

31. Seem to get all tab menus, not default tab's menus.

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-111

With this site.xml and with this tabs.xml:

 <a href="http://cvs.apache.org/viewcvs.cgi/jakarta-gump/template/forrest/src/documentation/content/xdocs/site.xml?rev=1.14&vie

 <a href="http://cvs.apache.org/viewcvs.cgi/jakarta-gump/template/forrest/src/documentation/content/xdocs/tabs.xml?rev=1.5&view

 These are ok:

 http://lsd.student.utwente.nl/gump/
 <a href="http://lsd.student.utwente.nl/gump/gump_stats/index.html">http://lsd.student.utwente.nl/gump/gump_stats/index.html</a

 but these (it seems, in sub-directories) do not:

 <a href="http://lsd.student.utwente.nl/gump/ant-contrib/ant-contrib-test.html">http://lsd.student.utwente.nl/gump/ant-contrib/ant-c

 [they have all menu options, not the default's tabs menu options]

 I assume it is to do with me putting things in directories other that ones named in the tabs.xml, but I thought this set the defaults:

 <site .... tab="home">

32. forrest pregenerating the .htaccess file to do some sort of poor-man multichannel or content

negotiation

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-109

Stefano, who has been waiting for some 18 months for somebody else to come up with the idea of having forrest pregenerating the .htaccess file to do some sort of poor-man multichannel or content negotiation, but has lost hope so it's time to inject notion in the system.

33. Put DTDs on Forrest site

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-107

We should find a way to put the DTDs on the Forrest website, so that the xdocs can find the right DTD. Editors like Eclipse and JEdit can validate and auto-complete the XML while you type if the DTD can be found, so it'd be nice to be able to take advantage of this.

34. investigate use of Cocoon Ant Task

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-102

Forrest could benefit from the new Cocoon Ant Task.
 <a href="http://marc.theaimsgroup.com/?l=xml-cocoon-dev&m=107209347805171">http://marc.theaimsgroup.com/?l=xml-coco

35. Move to RelaxNG (with auto generated DTD''s for editors)

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-101

The thread at <a href="http://marc.theaimsgroup.com/?l=forrest-dev&m=106571777032625&w=2">http://marc.theaimsgroup.com/?l=forrest-de <br> generated a number of +1's for using RelaxNG and autogenerating the DTD's from these.

 We need this in order to use namespaces...

36. indirect linking and anchors

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-95

I would be nice if Forrest supported anchors with indirect linking. That is, something like this: <link href="site:somepage#someanchor">. (or something similar, like <link href="site:somepage" anchor="someanchor">)

 If somepage pointed to somepage.html, then the resultant link would be somepage.html#someanchor.

 Using the above link currently fails with an "invalid xpath" error since "somepage#someanchor" is not a valid qname.

37. flat navigation

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-91

I'm looking for a way to only display navigation links for files/folders in the current directory.

 I think a good way to think about this is like you would as you click <br> through directories in Windows' My Computer (there is no directory tree <br> here, only icons).

 When you first open it, you see the root directory of your site. You <br> see files and the icons for any folders. You don't see any of the files <br> inside those folders.

 Next, you click on a folder. Now, you see the files and folders in this <br> directory, but not anything in the folders it contains, or from the <br> folder you just came from.

 See the mailing list thread here: http://marc.theaimsgroup.com/?t=107007134500002&

38. forrestbot2: clean, notify after failure

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-81

Add a 'clean' target for forrestbot.

 If the 'site' target fails, continue so that 'notify' will happen.

39. Some TOC links do not work

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-64

Recently I noticed that some toc-links do not work in a generated html-file.
 When I looked at the html-code, the links that don't work are quite funny:

 ---snip---

 <a xmlns:xhtml="http://www.w3.org/1999/xhtml&quot;
 href="#Die+Grundstruktur+eines+Dokumentes">Die Grundstruktur eines
 Dokumentes

 <a xmlns:xhtml="http://www.w3.org/1999/xhtml&quot;
 href="#Abs%E4tze%2C+Listen%2C+%DCberschriften">Abs&auml;tze, Listen,
 &Uuml;berschriften

 <a xmlns:xhtml="http://www.w3.org/1999/xhtml&quot;
 href="#%0A+++++++++++++++++++Textformatierung%2C+Hyperlinks%2C+Grafiken%0A+++++++++++++"&
 Hyperlinks, Grafiken

 ---snip---
 the first link is okay, the next two links do not work (I swear the xml-code <br> is just the same ;-).

 I use forrest-0.6dev, krysalis-skin but the links are broken in forrest-skin, too.

40. move upgrade_cocoon_jars.sh to an ant target

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-58

To allow people from other platforms to upgrade to a newer version of cocoon a ant script would be needed.

41. Port javascript menus to all skins

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-54

Nicola has implemented some nice JS menus for the krysalis-site skin. We should: <br> a) Port it to the other skins <br> b) Make it configurable via skinconf.xml (or otherwise). Two aspects could be configurable:
 - Whether the menus should be open/closed by default
 - Whether Javascript is used at all

 See forrest-dev thread 'Menu questions' for more info.

42. xlink problems with SVG files

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-53

 1) Images used inside SVG files don't appear <br> ex:
 <image x="69" y="48" width="286" height="84" xlink:href="image.jpg"/>

 in a SVG file will fail (i.e will display the "broken image" icon)
 even though the image.jpg exists in the same directory.

 2)If a shape declared in the "defs" part of the SVG makes use <br> of another shape declared in "defs", then the PNG generation will fail with the following error :

 [org.apache.batik.bridge.BridgeException: null:-1
 An I/O error <br> occured while processing the URI '#test' specified on the el <br> ement <use>]

 where "test" is the id of the used shape.

 below is a sample content for such an SVG file :

 <defs>

 <g id="test">
 <rect fill="none" stroke="rgb(0,0,0)" stroke-width="2" width="20" height="15"/>
 </g>

 <g id="usetest">
 <use x="20"

y="25" xlink:href="#test"/>
 </g>

 </defs>

43. Generating content pages with non .html extensions

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-32

I would really (really, really) like to be able to tell forest what file extension to use during output.

 In my case, I want to use forrest to define the structure of a site... however I want it to output JSP files. I've tried "just doing it" and of course it did't work.

 The optimal thing would be to add a stylesheet for JSP, so you could create the site as a JSP site, and have forrest output it... however I don't have the time (for this project anyway) to write up the stylesheets (I'd have to learn xsl as well, which would not be quick task).

 Just an enhancement... in my case not having it prevents me from using forrest (this time; I'm rather sad about that), but I see a future version where I can use it to make life easier.

44. WAI ideas

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-24

As per http://xml.apache.org/forrest/compliance.html#N1003A

 One postulate that could be easily achieved for viewing the site with lynx (or redhat's links) ASCII browser is [Priority 3] (Checkpoint 13.6) http://www.w3.org/TR/WCAG10-TECHS/#tech-group-li .
 One option is to use the MAP as in http://www.w3.org/TR/WCAG10-HTML-TECHS/#g <br> or how I did it and contend that it better renders graphically as well as ASCII-wise is:
 1) after <div class="menu">, add

 <img src="../../skins/common/images/1PxTranspa.gif"
 alt="Bypass Navigation Bar" />
 2) after <div class="content">
 add

 What do you think?

 Re 1) I tried to add this in book2menu.xsl as
 <xsl:template match="menu">
 <div class="menu">
 but unfortunately, it was ignored...

45. wrong date when doing "forrest run"

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-19

As per your suggestion, I did use jetty now, but strangely,

 the page footer says:
 "Last Published: January 1, 1970 GMT"

46. support multiple languages (i18n)

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-18

In my current environment to develop static mulitlingual web-sites, I use an ant build.xml and the m4 macro preprocessor to achieve the following (sample):
 1) index.en.m4 gets converted to index.en.html
 The *.en.m4 contains all language dependent text (similarly *.de.m4 for German) and includes <br> index.m4 that contains the page's content layout.
 [(^\.)+].m4 includes sitedef.m4 where I define all global parts of the website (e.g. navigation structure, unique content e.g. phone numbers, filenames, etc.). This in turn includes a sitedefs.en or sitedef.de, ... respectively for global, language dependent definitions.
 2) Dependencies <br> a) upon change of [(^\.)+].m4, all depending *.*LANG*.html get rebuilt <br> b) upon change of sitedef.m4, build.xml, and alike all *.html gets rebuilt <br> c) upon change of sitedefs.en all *.en.html get rebuilt.

 Obviously, I could use the exact same approach to create .xml whereever I created .html before, but my long-term goal is to get rid of m4. Has anybody already put some thought into how this would be done with forrest?

47. support for emacs compile

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-17

in my current environment, each file has the footer
 <!-- For emacs: -->
 <!-- Local Variables: -->
 <!-- eval:(setq compile-command "ant") -->
 <!-- End: -->

 such that I can compile the entire website out of any file.
 What I suggest to do the same for forrest.
 Obviously, I could write a little script "doforrest" as the compile command that does a <br> pushd myproject/build <br> forrest <br> popd <br> but perhaps you have already found smarter solutions?

48. supporting xhtml/css (as per validator.w3.org) in project directory tree

http://issues.cocoondev.org/jira//ViewIssue.jspa?key=FOR-15

In order to use the w3c.org sanity checks on xhtml11 and css2, I need html files to start with:
 <?xml version="1.0" encoding="iso-8859-1"?>
 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd&quot
 <html xmlns="http://www.w3.org/1999/xhtml&quot; xml:lang="en">
 <head> ...

 The only place I found a reference to "HTML 4.01 Transitional//EN..." in the myproject directory tree was in build\tmp\context\sitemap.xmap <br> which had no effect.
 1) I had to change it in xml-forrest\build\dist\shbat\context\sitemap.xmap which doesn't appear to be the right place to me.
 2) In which file would I have to change "DOCTYPE HTML PUBLIC" to "DOCTYPE html PUBLIC"?
 3) Where would I change "META" to "meta"? XHTML doesn't like caps.
 4) The end tags need to be `" />` instead of `">` where would one change that?
 5) Where would I change the margin attributes of the "body" tag?
 6) Where would I change the attributes of the "td" tag?
 etc., etc.