

Maven3Plan

Maven 3 Plan

Background

2010-10-07 The [Vote](#) to release Maven 3 is in progress on the maven dev list.

Documentation

- Maven Confluence Wiki [Maven 3.x](#)
- [Maven 3.x and site plugin](#)

Email Threads

- [<http://markmail.org/message/4itian33hycyt4iz>] - *maven dev*
- [<http://markmail.org/message/32j6w3xtwdjbi2h4>] - *commons dev*

Site Generation

Configuration

See [Maven 3.x and site plugin](#)

The main issue with Maven3 are the changes to site generation. The <reporting> section no longer works - maven-site-plugin is now configured in the <plugins> section of <build> with report plugins configured in the maven-site-plugin's configuration.

Merging site configuration items from a parent POM

There's an issue with *inheriting* the maven-site-plugin's configuration from a parent and merging it with a components configuration - See:

- <http://jira.codehaus.org/browse/MSITE-484>
- <http://jira.codehaus.org/browse/MNG-4856>
- <http://jira.codehaus.org/browse/PLXUTILS-134>

At the moment (*i.e.* **3.0-beta-2** of the *maven-site-plugin*) the fix is to add **combine.children="append"** (See [FAQs-1](#)) - its not 100% and I don't currently know whether this is the only/permanent solution or whether the maven team is going to fix this properly. You can see an example of this [here](#)

```
{
```

```
    <plugin>
      <artifactId>maven-site-plugin</artifactId>
      <configuration>
        <reportPlugins combine.children="append">
          ...
        </reportPlugins>
      </configuration>
    </plugin>
```

```
}
```

Plan

- Testing
 - The section below documents the tests that have been carried out
 - For testing the site generation the following branches have been setup:
 - commons-parent <https://svn.apache.org/repos/asf/commons/proper/commons-parent/branches/maven-3-test/>
 - commons-chain <https://svn.apache.org/repos/asf/commons/proper/chain/branches/test-maven3-profile/>
- Upgrade components reporting plugins to use the latest versions (doing this first means any problems with plugins can be identified and fixed first - otherwise the cause might be either the plugin or Maven 3)
 - maven-checkstyle-plugin - see [r1005273](#)
 - maven-changes-plugin - see [r1005274](#)
- Update commons-parent
 - Add reporting plugins to <dependencyManagement> section
 - Site Plugin configuration - either:
 - remove <reporting> section and configure maven-site-plugin in the main <build> section
 - add a **Maven 3** profile (*automatically activated when M3 is used*) with the site plugin configured - see [example here](#)
 - Release commons-parent
 - Release commons-sandbox-parent

- Update component pom's (if commons decides to adopt M3 support)
 - Update to use new commons-parent release
 - Site Plugin configuration - either:
 - remove <reporting> section and configure maven-site-plugin in the main <build> section
 - add a **Maven 3** profile (*automatically activated when M3 is used*) with the site plugin configured - see [example here](#)

Testing

Test	Comment	Completed
mvn -Prc clean package	Run for all <i>proper</i> components - need to test <i>Sandbox</i> components	2010-10-06
mvn -Prc clean install	Current problem with gpg plugin	
mvn site	Requires config update and plugin upgrades	
mvn -Ptest-deploy site		
release plugin		
Nexus Release		
mvn commons:download-page		2010-10-06
mvn commons:mail-page		2010-10-06
mvn commons:jira-page		2010-10-06
mvn commons:sandbox-jira-page		
commons-build-plugin build	currently not building	
mvn -Pjava-1.3 test	uses different surefire-plugin version	
mvn -Pjava-1.4 test		
mvn -Pjava-1.5 test		
mvn -Pjava-1.6 test		
Commons Site		
mvn -Ptrunks-proper clean package		
mvn -Ptrunks-sandbox clean package		
mvn -Pci ???		