

Incode Parent

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This module defines a standard parent POM that can be used as a parent for applications that use the Incode Platform modules.

Its primary purpose is to make it easy to use a set up [maven mixins](#) within child POMs; specifically to hold the required `<pluginManagement>` so that versions of plugins are locked down. The [quickstart app](#) inherits from this module.

See below for details of the maven mixins so configured.

Contents

This parent POM defines `<properties>` and `<pluginManagement>` for the plugins defined in the following maven mixins:

| Module | Ver. | Description | Mixin to add |
|-------------------------------------|-------|--|---|
| cucumber reporting | 0.0.2 | Configures cucumber reporting plugin for BDD specs. | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>cucumberreporting</artifactId> </mixin></pre> |
| datanucleus enhance | 0.0.4 | Configures datanucleus:enhance (for JDO entities of DN modules) for production and test code | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>datanucleusenhanace</artifactId> </mixin></pre> |
| docker | 0.0.3 | Configures docker to package images and upload to a docker registry (docker hub by default) | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>docker</artifactId> </mixin></pre> |
| enforcer relaxed | 0.0.2 | Applies the maven enforcer plugin (but with relaxed dependency convergence) | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>enforcerrelaxed</artifactId> </mixin></pre> |
| jetty console | 0.0.2 | Configure jetty-console plugin (to create a standalone version of a webapp) | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>jettyconsole</artifactId> </mixin></pre> |
| jetty war | 0.0.2 | Package up a webapp as a WAR file, and to allow the webapp to be run using the jetty maven plugin | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>jettywar</artifactId> </mixin></pre> |
| source and javadoc | 0.0.2 | Provides the ability to run source, javadoc and jxr plugins (packaged as JAR files or report using <code>mvn site</code>) | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>sourceandjavadoc</artifactId> </mixin></pre> |
| standard | 0.0.3 | Defines the "standard" set of plugins (clean, compile, jar, install, site etc) | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>standard</artifactId> </mixin></pre> |
| surefire | 0.0.4 | Run surefire plugin for unit, integration and/or (Cucumber) BDD specs. | <pre><mixin> <groupId>com.danhaywood.mavenmixin</groupId> <artifactId>surefire</artifactId> </mixin></pre> |

| Module | Ver. | Description | Mixin to add |
|------------------------------|--------------------|---|--|
| <code>static analysis</code> | <code>0.0.2</code> | Ability to run various static analysis plugins (checkstyle, pmd, findbugs, javancss, jdepend) as report <code>mvn site</code> | <pre><mixIn> <groupId>com.danhaywood.mavenmixIn</groupId> <artifactId>staticanalysis</artifactId> </mixIn></pre> |

How to Configure

To configure:

- inherit from this pom:

```
<parent>
  <groupId>org.incode</groupId>
  <artifactId>incode-parent</artifactId>
  <version>1.16.1</version>
</parent>
```

This has the effect of defining a number of `<properties>` (eg `${mavenmixin-surefire.version}`) and also the setting up the `<pluginManagement>` of all of the plugins referenced by the above maven mixins.

- optionally, override the `isis.version` :

```
<properties>
  <isis.version>1.16.3</isis.version>
  ...
</properties>
```

- for each maven mixin required in the consuming module, just add the corresponding `<mixin>` to:

```
<build>
  <plugins>
    <plugin>
      <groupId>com.github.odavid.maven.plugins</groupId>
      <artifactId>mixin-maven-plugin</artifactId>
      <version>0.1-alpha-39</version>
      <extensions>true</extensions>
      <configuration>
        <mixins>
          ...
        </mixins>
      </configuration>
    </plugin>
  </plugins>
</build>
```

①

① add in mixin reference here - just copy-n-paste from the fourth column of the above table,

For example, to enable the [surefire](#) mixin, just add:

```
<mixIn>  
  <groupId>com.danhaywood.mavenmixIn</groupId>  
  <artifactId>surefire</artifactId>  
</mixIn>
```

Dependencies

This mixin module relies on the [com.github.odavid.maven.plugins:mixin-maven-plugin](#), released under Apache License v2.0.