

Usage

Brief examples on [how to use the enforcer goals](#).

Generic Plugin configuration information

See the following links for information about [including and configuring plugins in your project](#):

- [Configuring Plugins](#)
- [Plugin Development](#)
- [Plugin Prefix](#)

The `enforcer:enforce` and `enforcer:enforce-once` mojos

These goals are meant to be bound to a lifecycle phase and configured in your `pom.xml`. The enforcers execute the configured rules to check for certain constraints. The available standard rules are described [here](#). Besides the rules to execute, these goals support three options:

- `skip` - a quick way to skip checks via a profile or using `-Denforcer.skip=true` from the command line.
- `fail` - if the goal should fail the build when a rule fails. The default is `true`. If false, the errors will be logged as warnings.
- `failFast` - if the goal should stop checking after the first failure. The default is `false`.

Each rule to be executed should be added to the `rules` element along with the specific configuration for that rule.

As of version 2.0 you may add a `level` element to the standard rules. Valid values are `WARN` and `ERROR`. When `level WARN` is specified, the rule will only spit out a warning but will not fail the build.

The `enforce` goal executes against each project in a multi-project build. The `enforce-once` goal executes just once per build. This is most effective for the standard rules because the Maven, Java and OS versions will not change between projects in the same build.

Sample Plugin Configuration:

```
<project>
  [...]
  <build>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-enforcer-plugin</artifactId>
        <version>1.4</version>
        <executions>
          <execution>
            <id>enforce-versions</id>
            <goals>
              <goal>enforce</goal>
            </goals>
            <configuration>
              <rules>
                <bannedPlugins>
                  <!-- will only display a warning but does not fail the build. -->
                  <level>WARN</level>
                  <excludes>
                    <exclude>org.apache.maven.plugins:maven-verifier-plugin</exclude>
                  </excludes>
                  <message>Please consider using the maven-invoker-plugin (http://maven.apache.org/plug
                </bannedPlugins>
                <requireMavenVersion>
                  <version>2.0.6</version>
                </requireMavenVersion>
                <requireJavaVersion>
```

```
        <version>1.5</version>
      </requireJavaVersion>
    </requireOS>
    <family>unix</family>
  </requireOS>
</rules>
</configuration>
</execution>
</executions>
</plugin>
</plugins>
</build>
[...]
```

The enforcer:display-info mojo

This goal is used to determine the current information as detected by the standard rules:

```
mvn enforcer:display-info
...
[enforcer:display-info]
  Maven Version: 2.0.6
  JDK Version: 1.5.0_11 normalized as: 1.5.0-11
  OS Info: Arch: x86 Family: windows Name: windows xp Version: 5.1
```