

# Updating poms from older projects

If you have an older Magnolia project then it's quite possible you will need to update your pom. The archetype to create Magnolia projects has had some updates over the last couple of years. The guide can help you understand how to bring your project up o the current standards.

## Prerequisites

Be sure to have the latest version of Maven and Java.

- Maven 3
- Java 8

## History

Version 1.2.2 of the [magnolia-project-archetype](#) was released in late 2015. This was around the time Magnolia 5.4.10 was being released. So if you created your project before 2016 then you will need to update your parent pom to align with the new standards.

### Version 1.2.2 parent pom

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.
w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org
/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>info.magnolia.webapps</groupId>
  <artifactId>magnolia-cms</artifactId>
  <name>magnolia-cms (parent pom)</name>
  <version>1.0-SNAPSHOT</version>
  <packaging>pom</packaging>

  <properties>
    <magnoliaVersion>5.4</magnoliaVersion>
    <javaVersion>1.6</javaVersion>
  </properties>

  <!-- Fill the following in, so you can use the release plugin -->
  <scm>
    <connection/>
    <developerConnection/>
    <url/>
  </scm>

  <dependencyManagement>
    <dependencies>
      <!-- Due to a bug in Maven 2, we have to import info.magnolia:
magnolia-project here.
      It would normally not be needed, since info.magnolia:magnolia-
bundle-parent already imports it. (see below)
      The dependency to info.magnolia:magnolia-project needs to be
BEFORE the dependency
      to info.magnolia:magnolia-bundle-parent, otherwise it doesn't
work either.
      Also note that this is assuming magnolia-project and magnolia-
```

ui-project have the same version number as magnolia-bundle-parent, which not always be true in the future. If you are using Maven 3, you should not need the 2 dependencies below, and all should be well.

```
-->
<dependency>
  <groupId>info.magnolia</groupId>
  <artifactId>magnolia-project</artifactId>
  <version>${magnoliaVersion}</version>
  <type>pom</type>
  <scope>import</scope>
</dependency>
<dependency>
  <groupId>info.magnolia.ui</groupId>
  <artifactId>magnolia-ui-project</artifactId>
  <version>${magnoliaVersion}</version>
  <type>pom</type>
  <scope>import</scope>
</dependency>
```

<!-- Importing dependencyManagement of CE bundle. This means you don't have to specify versions of modules you depend on (unless you want a different version than that of the bundle). -->

```
<dependency>
  <groupId>info.magnolia.bundle</groupId>
  <artifactId>magnolia-bundle-parent</artifactId>
  <version>${magnoliaVersion}</version>
  <type>pom</type>
  <scope>import</scope>
</dependency>
```

<!-- If you want to use the Enterprise Edition, use info.magnolia.eebundle:magnolia-enterprise-bundle-parent.

If you are using Maven 2, for the same reasons as above, you will have to keep the dependency to the CE bundle as well. If you are using Maven 3, just keep this one dependency below and remove the above 3.

```
<dependency>
  <groupId>info.magnolia.eebundle</groupId>
  <artifactId>magnolia-enterprise-bundle-parent</artifactId>
  <version>${magnoliaVersion}</version>
  <type>pom</type>
  <scope>import</scope>
</dependency>
```

```
-->
```

<!-- TEST -->

```
<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>4.11</version>
  <scope>test</scope>
</dependency>
</dependencies>
```

```

</dependencyManagement>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-compiler-plugin</artifactId>
      <version>2.3.2</version>
      <configuration>
        <source>${javaVersion}</source>
        <target>${javaVersion}</target>
      </configuration>
    </plugin>
  </plugins>

  <!-- default resources configuration which will filter your module
descriptors -->
  <resources>
    <resource>
      <directory>src/main/resources</directory>
      <includes>
        <include>**/*</include>
      </includes>
    </resource>
    <resource>
      <filtering>>true</filtering>
      <directory>src/main/resources</directory>
      <includes>
        <include>META-INF/magnolia/*</include>
      </includes>
    </resource>
  </resources>
</build>

<repositories>
  <repository>
    <id>magnolia.public</id>
    <url>https://nexus.magnolia-cms.com/content/groups/public</url>
    <snapshots>
      <enabled>>true</enabled>
    </snapshots>
  </repository>
  <!-- IF YOU NEED MODULES FROM THE ENTERPRISE VERSION, UNCOMMENT THE
FOLLOWING REPOSITORY -->
  <!--
  <repository>
    <id>magnolia.enterprise.releases</id>
    <url>https://nexus.magnolia-cms.com/content/repositories/magnolia.
enterprise.releases</url>
    <snapshots>
      <enabled>>false</enabled>
    </snapshots>

```

```

    </repository>
    -->
    <repository>
      <id>vaadin-addons</id>
      <url>https://maven.vaadin.com/vaadin-addons</url>
    </repository>
  </repositories>

  <modules>
    <module>magnolia-cms-webapp</module>
  </modules>
</project>

```

## Updating

Updating your older pom can be done using these steps.

1. Create a `magnoliaBundleVersion` property.

The `magnoliaVersion` now refers to the [main project version](#), which is a collection of modules including the core. The `magnoliaBundleVersion` ties together a project with other resources. These numbers can diverge since a bundle release does not necessarily mean a new project release.

2. Remove the `magnoliaVersion` property.

The `magnoliaVersion` property exists in the bundle parent pom. There is no reason to manage it explicitly unless you are using it in the module descriptor.

3. Update your `javaVersion` property.
4. Remove the dependencies on `magnolia-project` and `magnolia-ui-project`.
5. Update your bundle dependency to use the new `magnoliaBundleVersion` property.
6. Update the `maven-compiler-plugin` to version 3.7.0.

### Updated Version 1.2.2 parent pom

```

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.
w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org
/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>info.magnolia.webapps</groupId>
  <artifactId>magnolia-cms</artifactId>
  <name>magnolia-cms (parent pom)</name>
  <version>1.0-SNAPSHOT</version>
  <packaging>pom</packaging>

  <properties>
    <magnoliaBundleVersion>5.6</magnoliaBundleVersion>
    <javaVersion>1.8</javaVersion>
  </properties>

  <!-- Fill the following in, so you can use the release plugin -->

```

```

<scm>
  <connection/>
  <developerConnection/>
  <url/>
</scm>

<dependencyManagement>
  <dependencies>
    <!-- Importing dependencyManagement of CE bundle. -->
    <dependency>
      <groupId>info.magnolia.bundle</groupId>
      <artifactId>magnolia-bundle-parent</artifactId>
      <version>${magnoliaBundleVersion}</version>
      <type>pom</type>
      <scope>import</scope>
    </dependency>

    <!-- If you want to use the Enterprise Edition
    <dependency>
      <groupId>info.magnolia.eebundle</groupId>
      <artifactId>magnolia-enterprise-bundle-parent</artifactId>
      <version>${magnoliaBundleVersion}</version>
      <type>pom</type>
      <scope>import</scope>
    </dependency>
    -->

    <!-- TEST -->
    <dependency>
      <groupId>junit</groupId>
      <artifactId>junit</artifactId>
      <version>4.11</version>
      <scope>test</scope>
    </dependency>
  </dependencies>
</dependencyManagement>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-compiler-plugin</artifactId>
      <version>3.7.0</version>
      <configuration>
        <source>${javaVersion}</source>
        <target>${javaVersion}</target>
      </configuration>
    </plugin>
  </plugins>

  <!-- default resources configuration which will filter your module
  descriptors -->

```

```

<resources>
  <resource>
    <directory>src/main/resources</directory>
    <includes>
      <include>**/*</include>
    </includes>
  </resource>
  <resource>
    <filtering>true</filtering>
    <directory>src/main/resources</directory>
    <includes>
      <include>META-INF/magnolia/*</include>
    </includes>
  </resource>
</resources>
</build>

<repositories>
  <repository>
    <id>magnolia.public</id>
    <url>https://nexus.magnolia-cms.com/content/groups/public</url>
    <snapshots>
      <enabled>true</enabled>
    </snapshots>
  </repository>
  <!-- IF YOU NEED MODULES FROM THE ENTERPRISE VERSION, UNCOMMENT THE
FOLLOWING REPOSITORY -->
  <!--
  <repository>
    <id>magnolia.enterprise.releases</id>
    <url>https://nexus.magnolia-cms.com/content/repositories/magnolia.
enterprise.releases</url>
    <snapshots>
      <enabled>>false</enabled>
    </snapshots>
  </repository>
  -->
  <repository>
    <id>vaadin-addons</id>
    <url>https://maven.vaadin.com/vaadin-addons</url>
  </repository>
</repositories>

<modules>
  <module>magnolia-cms-webapp</module>
</modules>
</project>

```