

# Docker in the Maven lifecycle



```
<plugins>
  <plugin>
    <groupId>org.jolokia</groupId>
    <artifactId>docker-maven-plugin</artifactId>
    <version>${docker.maven.plugin.version}</version>
    <configuration...>

    <executions>
      <!-- Connect this plugin to the maven lifecycle around the integration-test phase.
      I.e. start the container in pre-integration-test and stop it in post-integration-t
      <execution>
        <id>start</id>
        <phase>pre-integration-test</phase>
        <goals>
          <goal>build</goal>
          <goal>start</goal>
        </goals>
      </execution>
      <execution>
        <id>stop</id>
        <phase>post-integration-test</phase>
        <goals>
          <goal>stop</goal>
        </goals>
      </execution>
    </executions>
  </plugin>
```

# Integration tests

```
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-failsafe-plugin</artifactId>
  <version>2.13</version>
  <executions>
    <execution>
      <id>integration-test</id>
      <goals>
        <!--Run integration tests-->
        <goal>integration-test</goal>
      </goals>
    </execution>
    <execution>
      <id>verify</id>
      <goals>
        <!--Verify that integration tests ran-->
        <goal>verify</goal>
      </goals>
    </execution>
  </executions>
</plugin>
```