

# Camel Dot Maven Goal

## camel:dot

The **camel:dot** goal of the [Camel Maven Plugin](#) is used to generate [Visualisation](#) diagrams for your [Enterprise Integration Patterns](#). It works like [camel:embedded](#), it will boot up your [Spring](#) configuration but it will only keep up for a few seconds. This will then generate a [GraphViz](#) DOT file in *target/site/cameldoc*.

The plugin will then try and convert the DOT file into a HTML, PNG and SVG representation. To do this an installation of [GraphViz](#) is required to be on your PATH.

So to use this plugin, please [download Graphviz](#) then put it on your PATH.

By default the plugin will evaluate the *dot* executable, but you can overload this by configuring the plugin's executable property. e.g.

```
<configuration>
  <executable>DOT.EXE</executable>
</configuration>
```

## Trying out camel:dot

A good example application to get you started is the [Spring Example](#).

```
cd examples/camel-example-spring
mvn compile camel:dot
```

Your generated PNG/SVG files will then be in the *target/site/cameldoc* directory - assuming Maven could find your DOT executable.

Note that you do not need to explicitly run this goal; you could just [integrate this plugin into the normal Maven report generation](#).

## Disabling execution of DOT executable

In Camel 1.4 you can disable the execution of DOT by setting the useDot configuration parameter to false.

```
<reporting>
  <plugins>
    <plugin>
      <groupId>org.apache.camel</groupId>
      <artifactId>camel-maven-plugin</artifactId>
      <configuration>
        <useDot>>false</useDot>
      </configuration>
    </plugin>
  </plugins>
</reporting>
```