

# **Geomajas geomajas-widget- featureinfo plug-in guide**

**Geomajas Developers and Geosparc**

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1.16.0

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# Chapter 1. Introduction

This plugin contains some more advanced functionality for viewing and formatting feature attribute information such as:

- Hover-over Feature Info: provides Feature Info (show the feature label) when the mouse cursor hovers a feature on the map
- Custom Feature Info Window supporting a.o.: fetching feature info from an external URL, grouping of attributes and custom styling.

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# Chapter 2. Configuration

## 1. Dependencies

Make sure you include the correct version of the plug-in in your project. Use the following excerpt (with the correct version) in the dependencyManagement section of your project:

```
<dependency>
  <groupId>org.geomajas.plugin</groupId>
  <artifactId>geomajas-client-gwt-widget-featureinfo-parent</artifactId>
  <version>1.16.0</version>
  <type>pom</type>
  <scope>import</scope>
</dependency>
```

If you are using geomajas-project-client-gwt, this includes the latest released version of the featureinfo plug-in (at the time of publishing of that version). If you want to overwrite the featureinfo plug-in version, make sure to include this excerpt *before* the geomajas-project-client-gwt dependency.

You can now include the actual dependency without explicit version:

### Example 2.1. Plug-in GWT dependency

```
<dependency>
  <groupId>org.geomajas.widget</groupId>
  <artifactId>geomajas-widget-featureinfo-gwt</artifactId>
</dependency>
```

To use the widget, you have to include the geocoder GWT module description in your project gwt.xml file:

### Example 2.2. GWT module include featureinfo

```
<module>
  <inherits name="com.smartgwt.tools.SmartGwtTools" />
  <inherits name="org.geomajas.gwt.GeomajasClient" />
  <inherits name="org.geomajas.widget.featureinfo.Featureinfo" />

  <entry-point class="my.gwt.example.client.EntryPoint" />
</module>
```

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# Chapter 3. How-to

## 1. How to put the mouse over tool in the toolbar

First you need to define the `TooltipOnMouseOverMode` in your application context:

### Example 3.1. Basic bean configuration in application context

```
<bean name="TooltipOnMouseOverMode" class="org.geomajas.configuration.client.Cl
```

### Example 3.2. toolbar property in the `ClientMapInfo` bean definition

```
<property name="toolbar">
  <bean class="org.geomajas.configuration.client.ClientToolbarInfo">
    <property name="tools">
      <list>
        ...
        <ref bean="TooltipOnMouseOverMode" />
        ...
      </list>
    </property>
  </bean>
</property>
```

## 2. How to configure additional tool parameters

Some additional parameters can be configured, following example shows all possible parameters:

### Example 3.3. Advanced bean configuration in application context

```
<bean name="TooltipOnMouseOverMode" class="org.geomajas.configuration.client.Cl
  <property name="parameters">
    <list>

      <bean class="org.geomajas.configuration.Parameter">
        <property name="name" value="pixelTolerance"/>
        <property name="value" value="5"/>
        <!-- Features withing this distance will be shown in the tooltip -->
      </bean>

      <bean class="org.geomajas.configuration.Parameter">
        <property name="name" value="showEmptyResult"/>
        <property name="value" value="true"/>
        <!-- Whether to show a message when no results are found -->
      </bean>

      <bean class="org.geomajas.configuration.Parameter">
        <property name="name" value="minimalMoveDistance"/>
        <property name="value" value="5"/>
        <!-- The minimal amount of pixels that the mouse should move before a new t
```

```
</bean>

<bean class="org.geomajas.configuration.Parameter">
  <!-- if true shows all the identifying attributes of features instead of (o
  <property name="name" value="tooltipUseFeatureDetail"/>
  <property name="value" value="true"/>
</bean>

<bean class="org.geomajas.configuration.Parameter">
  <property name="name" value="layersToExclude"/>
  <property name="value" value="osm,google"/>
  <!-- Comma separated list of layers that should not show in the tooltip (re
</bean>

<bean class="org.geomajas.configuration.Parameter">
  <property name="name" value="tooltipMaxLabelCount"/>
  <property name="value" value="6"/>
  <!-- the maximum number of features for which the attributes (details) will
</bean>

</list>
</property>
</bean>
```