

Geomajas client GWT layer plug-in guide

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Chapter 1. Introduction

Documentation for the Geomajas client GWT layer plugin.

Chapter 2. SMARTGWT widgets for layers

1. Widget LayerList

This section is coded in MVP. Use an instance of the the presenter `LayerListPresenterImpl` with the appropriate `MapWidget` instance. The view is automatically injected into the presenter via the `ViewManager`. By default, `LayerListView` is used as the view class. To make use of a custom view, create a view class from the `LayerListPresenter.View`, e.g. `myCustumView` interface and register this view to the `ViewManager` via the entry point class of this plugin:

```
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).cre
```

To enable drag/drop functionality, call the method of the presenter: `setDragDropEnabled(boolean dragDropEnabled)`.

`LayerListClientWmsPresenterImpl` is an extension of `LayerListPresenterImpl` that can be used for adding client side WMS layers to the map. On this presenter, one can call method `addClientWmsLayer()`. This will show a wizard for adding a WMS layer based on the `GetCapabilities` URL of the WMS server. The `layerList` widget of this presenter is by default provided with an extra column that will show a delete button for an added client side WMS layer. The addition of the delete button row can be prevented by setting a boolean value to the presenter via `setShowDeleteButtons(false)`. Currently, it is not possible to delete added client side WMS layers.

Views of `LayerListClientWmsPresenterImpl` can be configured:

```
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).cre

//for the general wizard window
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).cre
// for wizard panels:
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).cre
// ...
```