Geomajas client GWT layer plug-in guide

Geomajas Developers and Geosparc
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Chapter 1. Introduction

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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. `myCustomView interface` and register this view to the `ViewManager` via the entry point class of this plugin:

```java
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).createLayerListView(myCustumView);
```

To enable drag/drop functionality, call the method of the presenter:

```java
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:

```java
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).createLayerListWithRemoveButtonView(myCustumLayerListClientWmsView);
```

// for the general wizard window
```java
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).createControllerButtonsView(myCustumControllerButtonsView);
```

// for wizard panels:
```java
((ViewManagerImpl) org.geomajas.widget.layer.client.Layer.getViewFactory()).createGetCapabilitiesView(myCustumGetCapabilitiesView);
```

// ...