

Configuration

Overview

Just as with components and modules, each plugin allows for its own set of configuration values that can be set via the administrative interface.

Defining Options

Configuration options can be defined in the plugin's manifest XML file located in the plugin's directory.

```
/app
.. /plugins
.. .. /{PluginType}
.. .. .. /{PluginName}
.. .. .. .. {PluginName}.xml
```

The XML file's root element will have a child node of <config>. Fields are then added and grouped by fieldsets. These fieldsets correspond to the tabs located in the admin side when viewing the plugin's options.

```
<?xml version="1.0" encoding="utf-8"?>
<extension>
  <config>
    <fieldset
      name="greetings"
      label="PLG_HELLO_WORLD_CONFIG_GREETING_SETTINGS_LABEL"
      description="PLG_HELLO_WORLD_CONFIG_GREETING_SETTINGS_DESC"
    >
      <field
        name="greeting"
        type="text"
        label="PLG_HELLO_WORLD_FIELD_GREETING_LABEL"
        description="PLG_HELLO_WORLD_FIELD_GREETING_DESC"
        default=""
      />
    </fieldset>
  </config>
</extension>
```

It is good practice to use the plugin's language file to define all the appropriate strings.

Retrieving Values

One may quickly retrieve the options for any plugin by calling the `params()` method on the Plugin facade or directly accessing the method on the underlying `HubzeroPluginLoader` class. This method accepts two arguments of the plugin type and plugin name and returns a `HubzeroConfigRegistry` object.

```
$params = Plugin::params('hello', 'world');  
  
echo $param->get('greeting');
```

Alternatively, all plugin instances should already have their params available upon instantiation.

```
<?php  
  
class plgHelloWorld extends HubzeroPluginPlugin  
{  
    public function onGreeting()  
    {  
        echo $this->params->get('greeting');  
    }  
}
```