

# PortalToolManager

## PortalToolManager

The `P*ortalToolManager` is the main component of the [PortalTools](#) framework. It contains information about all plugins and their configurations. It also provides easy access to all required `PortalObjects`. Most of the methods are not used by tool developers. A plugin will normally just use it to access `P*_ortalObjects` (via `Flow`).

## Configuration

The `P*_ortalToolManager` is a cocoon component and must be configured in `cocoon.xconf` (2.1.x) or the portal's `xconf` (2.2). It's almost the only configuration you have to do if you add the [PortalTools](#) to an existing portal.

`cocoon.xconf`:

```
<component class="org.apache.cocoon.portal.tools.PortalToolManager" role="org.apache.cocoon.portal.tools.PortalToolManager">
  <parameter name="root" value="context://samples/blocks/portal/tools/" />
  <parameter name="conf" value="conf.xml" />
  <parameter name="auth" value="auth.xml" />
</component>
```

Parameters:

`root`: root directory of the [PortalTools](#)

`conf`: name of the configuration file

`auth`: name of the authentication file

## Important Methods

`getConfig(String path)`: returns a configuration object for the specified path

`saveConfiguration()`: saves the configuration

`sGet(String path)`: Gets the value of the specified path from the authentication-context.

`sSet(String path, String value)`: Stores the specified value under the path in the authentication-context.

`getPortalObjects()`: returns a `P*_ortalObjects` object which provides easy access to the important portal objects

`releasePortalObjects(P*_ortalObjects)_`: releases a `P*_ortalObjects` object

For more information have a look at the source.

## Sample

How to use the `P*_ortalToolManager` in `Flow`:

```
function editCoplelet() {
  var toolManager = getPTM();
  var portalObjects = toolManager.getPortalObjects();
  var portalLayout = portalObjects.getPortalLayout();
  // Do something
  toolManager.releasePortalObjects(portalObjects);
  relPTM(toolManager);
}
```