**Digital Data Services – Custom Geocortex Component Documentation**

**Installation of the component:**

1. Locate your base Geocortex HTML5 Site directory – e.g. ‘C:\Program Files (x86)\Latitude Geographics\Geocortex Essentials\Default\REST Elements\Sites\Test\_Site\Viewers\HTML5\_26\VirtualDirectory’.
2. Open the ‘Resources’ directory and create a new directory called ‘Custom Scripts’.
3. Copy the ‘MenuComponents.js’ file into this newly created directory.
4. Next, locate the Desktop/Tablet/Handhelp configuration file/s that your Site will be using. These configuration files are located in the ‘Resources\Config\Default’ directory.
5. Open up the corresponding configuration file in a file editor of your choice (such as Notepad++).
6. Within the **‘ "libraries": [ ‘** section add the following code:

{

"id": "MenuComponents",

"uri": "{ViewerConfigUri}../../Custom Scripts/MenuComponents.js",

"locales":[

]

}

where the “uri” is the relative path to the ‘MenuComponents.js’ file.

1. Within the **‘ "modules": [ ‘** section add the following code:

{

"moduleName": "MenuComponents",

"moduleType": "dds.menuComponents.MenuComponentsModule",

"libraryId": "MenuComponents",

"configuration": {

},

"views": [

{

"id": "MenuComponentsModuleView",

"viewModelId": "MenuComponentsModuleViewModel",

"visible": false,

"markup": "Modules/View/MenuComponentsModuleView.html",

"type": "dds.menuComponents.MenuComponentsModuleView",

"region": "TopRightMapRegion",

"configuration": {

}

}

],

"viewModels": [

{

"id": "MenuComponentsModuleViewModel",

"type": "dds.menuComponents.MenuComponentsModuleViewModel",

"configuration": {}

}

]

},

1. Save the configuration file once the changes have been made. These modifications should be made to all relevant configuration files.

**‘I Want to…’ Menu – (Add or Remove items)**

1. From a Workflow, create a new string-array variable (type = ‘String[]’)
2. Initialize the string array with a comma-separated list of the menu item names that you want to either add or remove.
3. The menu item names can be found by locating the ‘Text’ field that corresponds to the ‘I want to…’ menu item while editing that item in the Geocortex Essentials Manager.
4. Example:

[Assign] to ‘strMenuItemArray’:

New String(){ "@language-menu-home-panel", "@language-menu-zoom-initial-extent" }

1. This will add or remove the ‘View the Home Panel’ and the ‘Return to initial map extent’ menu items.
2. Next call the ‘RunExternalCommand’ Workflow Activity using either ‘HideIWantToMenuItems’ or ‘ShowIWantToMenuItems’ as the ‘Command Name’ with the ‘strMenuItemArray’ declared above as the ‘Command Parameter’.
3. The ‘**I want to…**’ menu items can be hidden/shown as needed during a Viewer session.

**‘Results’ Menu – (Add or Remove items)**

1. Follow the same steps for adding or removing an item from the ‘**I Want to…**’ Menu (listed above) – but change the ‘Command Name’ to either ‘ShowResultMenuItems’ or ‘HideResultMenuItems’.

**‘Compact’ Toolbar – (Add or Remove items)**

The Compact Toolbar only contains individual tool Items (and not separate Tabs and Groups).

1. From a Workflow, create a new string-array variable (type = ‘String[]’)
2. Initialize the string array with a comma-separated list of the toolbar Item names that you want to either add or remove.
3. The compact toolbar item names can be found by locating the ‘Name’ field for to the compact toolbar item while editing that item in the Geocortex Essentials Manager.
4. Example:

[Assign] to ‘strToolItemArray’:

New String(){ "@language-toolbar-home-sub", "@language-toolbar-navigation-initial-extent" }

1. This will add or remove the 'Home' and 'the 'Initial View' toolbar items.
2. Next call the ‘RunExternalCommand’ Workflow Activity using either ‘HideToolbarItems’ or ‘ShowToolbarItems’ as the ‘Command Name’ with the ‘strToolItemArray’ declared above as the ‘Command Parameter’.

**‘Full’ Toolbar – (Add or Remove items)**

You can add or remove Tabs, Groups, or individual Items within the Full Toolbar.

**Tabs:**

1. From a Workflow, create a new string-array variable (type = ‘String[]’)
2. Initialize the string array with a comma-separated list of the toolbar Tab names that you want to either add or remove.
3. The full toolbar tab names can be found by locating the ‘Display Name’ field for to the toolbar tab while editing that item in the Geocortex Essentials Manager. For example, the “Home” tab’s display name is ‘@language-toolbar-tab-home’. Note that you can use ‘Home’ (the translated string name) instead.
4. Example:

[Assign] to ‘strToolbarTabArray’:

New String(){ "@language-toolbar-group-tools" }

1. This will add or remove the 'Home' tab.
2. Note that if all the Toolbar tabs are removed, the Toolbar button will not be displayed.
3. Next call the ‘RunExternalCommand’ Workflow Activity using either ‘HideToolbarTabs’ or ‘ShowToolbarTabs’ as the ‘Command Name’ with the ‘strToolbarTabArray’ declared above as the ‘Command Parameter’.

**Groups:**

1. From a Workflow, create a new string-array variable (type = ‘String[]’)
2. Initialize the string array with a comma-separated list of the toolbar Tab/Group names that you want to either add or remove.
3. The formatting for the Tab/Group string pairing is as follows: "TAB(name):GROUP:(name)". So, for example, to add or remove the ‘Navigation’ Group from the ‘Home’ Tab, the input string would look like this:

[Assign] to ‘strToolbarGroupArray’:

New String(){ "@language-toolbar-group-tools:@language-toolbar-group-navigation" }

1. Next call the ‘RunExternalCommand’ Workflow Activity using either ‘HideToolbarGroups’ or ‘ShowToolbarGroups’ as the ‘Command Name’ with the ‘strToolbarGroupArray’ declared above as the ‘Command Parameter’.

**Items:**

1. From a Workflow, create a new string-array variable (type = ‘String[]’)
2. Initialize the string array with a comma-separated list of the toolbar Tab/Group/Item names that you want to either add or remove.
3. The formatting for the Tab/Group/Item string pairing is as follows: "TAB(name):GROUP:(name):ITEM(name)" or "TAB(name):NONE:ITEM(name)" if the Item is not a member of a Group. So, for example, to add or remove the ‘Bookmarks’ Item from the ‘Navigation’ Group in the ‘Home’ Tab, the input string would look like this:

[Assign] to ‘strToolbarItemArray’:

New String(){ "@language-toolbar-group-tools:@language-toolbar-group-navigation:@language-toolbar-bookmark" }

1. Next call the ‘RunExternalCommand’ Workflow Activity using either ‘HideToolbarItems’ or ‘ShowToolbarItems’ as the ‘Command Name’ with the ‘strToolbarItemArray’ declared above as the ‘Command Parameter’.