Function Caller

Sometimes as a developer you need to get into the back end code. This web part simply allows you to call a static function, and if needed return/render content. Although Macros and Transformations allow access as well to the code system, this Web Part simplifies the process and allows rendering the content as an API (with content type) or as a File.

Some applications of this web part can be:

- If you need to perform some form of operation when a page is visited.
- Create an API from a 3rd party system and return content.

The Function Caller Web Part comes with a class file "FunctionCallerFunctions.cs" which is where the Functions you wish to call must be stored. The Functions need to be static and return a string (even if it's an empty one).

Application

The Function Caller has a couple options.

- **Function Name**: The Name of the static string function in the FunctionCallerFunctions.cs class
- **Clear Response**: If Checked, all other page content will be cleared, only presenting what the Function Caller renders on the page. Useful for APIs.
- **Content Type:** The Content Type of the output (if the response will be cleared).
- **Render As Attachment with FileName:** The filename for the output (if the response will be cleared).
- **Content Before Results**: Content that will be placed before the Web part's content.
- **Content After Results**: Content that will be placed after the Web part's Content

Simply create your static string function in the App_Code\Custom\FunctionCallerFunctions.cs in the FunctionCallerFunctions class, then add the Function Caller web part to any page, set the Function name.

Any Questions or bugs, please contact tfayas@avastonetech.com

Installation

1: Sites -> Import site or objects. Upload the FunctionCaller.zip and hit next.
2: Please be sure when importing this asset to check "Import Files (recommended)" and all 3 checkboxes below.
3: Ensure under All Objects -> Global Objects -> Development, that all items are selected.