USE CASE:

Approval has been received for a JavaScript enhancement to a Client’s site, and your Client’s site doesn’t have the Javascript infrastructure already in place.

STEPS TO IMPLEMENT:

1. Upload all the files from “javascript.zip” file in this Starter Kit into the “javascript” folder in the file manager.
2. These files **must** go into the folder “javascript”. All lower case, no spaces or special characters.
3. Create a BML Util Library “require\_javascript.”
   1. Code for the library is in the file “require\_javascript.bml”
   2. The library takes one String parameter: “filename”
   3. The library returns a String.
4. Save and update the function, and deploy commerce. You are ready to start adding Javascript.

HOW TO ADD JAVASCRIPT TO COMMERCE:

1. Create a Read Only/HTML Attribute called “Include Javascript”. In the default function for this attribute, call the require javascript function:

res = util.require\_javascript("commerce.js");

return res;

1. Add the attribute to the Commerce layout. Hide the label of the attribute, and put it onto a tab that will be visible when the page loads. You can make this unobtrusive by using the attribute in the place of a spacer.

HOW TO ADD JAVASCRIPT TO CONFIG:

1. Create a Read Only/HTML Attribute called “Include Javascript”. In the default function for this attribute, call the require javascript function:

res = util.require\_javascript("config.js");

return res;

1. Add the attribute to the Config Flow. Hide the label of the attribute, and put it onto the default tab, or else in another place where it will be visible when the page loads. You can make this unobtrusive by using the attribute in the place of a spacer.

HOW TO ADD JAVASCRIPT TO THE HOMEPAGE:

1. Under Admin > Homepage > Define XSL Template, download the Alternate Javascript File.
2. Add the code from homepage\_alt\_js.js file, outside of any other function that may exist already.
3. Upload the file, Update the template page, and then deploy the homepage.

WRITING JAVASCRIPT:

The default template for an area of the site looks like this:

require([], function() {

/\*

\* Put all functions and code for commerce here

\*/

//this function runs when the page is loaded

require.ready(function() {

});

});

The “require” function is used to load any dependent files. For instance, to include the module cookie\_module.js in this script, you would write:

require([“cookie\_module”], function(cookies) {

alert(cookies.get\_cookies);

}

This lets you easily load modules for common operations. See the CoE for available modules.

If you have no dependencies, and just want to add a few lines of code, put the code directly into the require block:

require([], function() {

//define your function

function my\_function() { /\*do stuff\*/ }

require.ready(function() {

//call your function when the page loads

my\_function();

});

});

INCLUDE JQUERY

To include a sanitized and safe version of jQuery 1.4.4:

require([“jquery”], function($) {

//jquery is available. Safe to use $ sign

function does\_jquery\_stuff() {

$(‘select’).hide();

}

require.ready(function() {

does\_jquery\_stuff();

});

});