# BigMachines Javascript Framework Starter Kit

## 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.

## Initial Setup

### 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.

## Including Javascript

### HOW TO ADD JAVASCRIPT TO COMMERCE:

1. Create a Read Only/HTML Quote Level Attribute called “includeJavascript\_quote”. 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.
2. Put code for this section in the file manager: javascript/commerce.js

### HOW TO ADD JAVASCRIPT TO COMMERCE LINE ITEMS:

1. Create a Read Only/HTML Line Item Attribute called “includeJavascript\_line”. In the default function for this attribute, call the require javascript function:

res = util.require\_javascript("commerce\_line.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.
2. Put code for this section in the file manager: javascript/commerce\_line.js

### 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.
2. Put code for this section in the file manager: javascript/config.js

### 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.
4. Put code for this section in the file manager: javascript/homepage.js

### How to Add Sitewide Javascript

STOP!

Why do you want to include your Javascript in a sitewide setting? Most use cases can be met by including Javascript using the other ways enumerated above.

If you’ve explored your options and find that it is absolutely necessary that the Javascript exist on every page:

1. In the header of your site, add this tag:

<script src="$BASE\_PATH$/javascript/require.js" data-main="sitewide"></script>

1. Put code for this section in the file manager: javascript/sitewide.js