```
1    /**
2     * @fileOverview Base JavaScript Function Library.
3     * @author <a href="https://github.com/richardhenyash">Richard Ash</a>
4     * @version 1.1.1
5     */
6    /*jshint esversion: 6 */
7    /* globals $, bootstrap */
8
9
10
11   // On click event handler added to error information button to build modal dialog
12   $("#errorInformationBtn").click(function() {
13     (buildInformationModal("#errorInformationBtn", "information-modal-title", null, "#inform
14   });
15
16   /* Show Toast Messages */
17   /* Thanks to help from Shaun at code instutute, https://getbootstrap.com/docs/5.0/componen
18   /* and https://stackoverflow.com/questions/63515279/how-to-initialize-toasts-with-javascri
19
20   let toastElList = [].slice.call(document.querySelectorAll('.toast'));
21   let toastList = toastElList.map(function (toastEl) {
22       /* Set toast initialisation options */
23       let option = {
24           animation: true,
25           autohide: false,
26           delay: 5000,
27       };
28     let bsToast = new bootstrap.Toast(toastEl, option);
29     /* Show toasts */
30     bsToast.show();
31   });
32
33   /**
34    * [Function to set the correct colour on a select element
35    * @return {[modalTitle]}              [Modal title, string]
36    */
37   function setSelectColour(selectId, unSelectedColour, selectedColour) {
38     let selectSelected = $(selectId).val();
39     let returnColour;
40     if(!selectSelected) {
41         returnColour = unSelectedColour;
42         $(selectId).css('color', unSelectedColour);
43     } else {
44         returnColour = selectedColour;
45         $(selectId).css('color', selectedColour);
46     }
47     return returnColour;
48   }
49
50
51   /**
52    * [Function to build information modal from data attributes and javascript content array]
53    * @return {[modalTitle]}              [Modal title, string]
54    */
55   function buildInformationModal(btnId, titleAttribute, scriptId, modalId, modalSize) {
56     let modalTitleId = modalId + "Title";
57     let modalContentId = modalId + "Content";
58     let modalSizeId = modalId + "Size";
59     // Get modal title from data atttribute
60     let modalTitle = $(btnId).data(titleAttribute);
61     $(modalTitleId).text(modalTitle);
62     let contentHTML;
63     if (scriptId) {
64         // Get modal content from javascript content array if passed
65         let contentArray = JSON.parse($(scriptId).text());
66         // Build content HTML
67         contentHTML= "<p>" + contentArray.join("</p><p>") + "</p>";
68
69     } else {
70         // Else get modal content from data attribute
71         let modalContent = $(btnId).data("information-modal-content");
72         // Build content HTML
```

CONFIGURE

Metrics

There are 5 functions in this file.

Function with the largest signature take 5 arguments, while the median is 2.

Largest function has 19 statements in it, while the median is 8.

The most complex function has a cyclomatic complexity value of 3 while the median is 1.

version 2.13.1
(https://github.com/jshint/js

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```
73              contentHTML= "<p>" + modalContent + "</p>";
74          }
75          // Remove size classes
76          $(modalSizeId).removeClass("modal-sm");
77          $(modalSizeId).removeClass("modal-lg");
78          $(modalSizeId).removeClass("modal-xl");
79          // Set modal size
80          if ((modalSize) != "") {
81              $(modalSizeId).addClass(modalSize);
82          }
83          // Update modal content
84          $(modalContentId).html(contentHTML);
85          // Show content
86          $(modalId).modal('show');
87          return modalTitle;
88      }
89
90      /**
91       * [Function to build confirm modal from data attributes]
92       * @return {[modalTitle]}              [Modal title, string]
93       */
94      function buildConfirmModal(btnId, modalId) {
95          let modalTitleId = modalId + "Title";
96          let modalContentId = modalId + "Content";
97          let modalLinkId = modalId + "Confirmed";
98          // Get modal title from data atttribute
99          let modalTitle = $(btnId).data("confirm-modal-title");
100         $(modalTitleId).text(modalTitle);
101         // Get modal content from data attribute
102         let modalContent = $(btnId).data("confirm-modal-content");
103         // Build content HTML
104         let contentHTML= "<p>" + modalContent + "</p>";
105         // Update modal content
106         $(modalContentId).html(contentHTML);
107         // Get modal link from data atttribute
108         let modalLink = $(btnId).data("confirm-modal-link");
109         // Update modal link
110         $(modalLinkId).attr("href", modalLink);
111         // Show content
112         $(modalId).modal('show');
113         return modalTitle;
114     }
115
```

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