

```

/* global $ */

// create contents for select dropdowns
var select_contents = {
  countryOfOrigin: ['America', 'Brazil', 'China', 'England', 'France', 'Germany',
    'Ireland', 'Italy', 'Japan', 'Mexico', 'Scotland', 'Spain', 'Thailand',
    'United States', 'United Kingdom', 'Vietnam'],
  course: ['Starter', 'Main', 'Dessert'],
  cuisine: ['American', 'Brazilian', 'Chinese', 'English', 'French', 'German',
    'Italian', 'Japanese', 'Mexican', 'Scottish', 'Spanish', 'Thai', 'Cuisine'],
  difficulty: ['Easy', 'Intermediate', 'Hard'],
  mainIngredient: ['Beef', 'Chicken', 'Fish', 'Pork', 'Seafood', 'Turkey', 'Vegetarian'],
  mealtime: ['Breakfast', 'Brunch', 'Lunch', 'Dinner', 'Dessert', 'Snack']
};

// create field array to add db content to edit/delete form fields
var field_array = ['recipeCuisine', 'recipeCountryOfOrigin', 'recipeMealTime', 'recipeDifficulty',
  'recipePreparationTime', 'recipeCookingTime', 'recipeDietary', 'recipeMainIngredient'];

// create empty array variables for checkboxes
var dietary_array = [], allergen_array = [];

// variables for ingredients and instructions textboxes

var ingredient_count = 0, instruction_count = 0, ingredient_values = '', instruction_values = '';

// add options to select dropdowns function definition
function add_options(option_object) {
  for (const entry of Object.entries(option_object)) {
    var i, key = entry[0], value = entry[1];
    for (i = 0; i < value.length; i++) {
      var name = '.' + key.toString() + '-menu';
      $(name).append('<option value=' + value[i] + '>' + value[i] + '</option>');
    }
  }
}

// await document readiness
$(document).ready(function() {

  // stop enter key submitting forms on press other than text-search-form
  $('form:not( #text-search-form )').keypress(function(event) {
    if (event.which == '13') {
      event.preventDefault();
    }
  });
});

```

CONFIGURE

Metrics

There are 23 functions in this file.

Function with the largest signature take 2 arguments, while the median is 0.

Largest function has 39 statements in it, while the median is 2.

The most complex function has a cyclomatic complexity value of 9 while the median is 1.

Two warnings

- 29 'const' is available in ES6 (use 'esversion: 6') or Mozilla JS extensions (use moz).
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version 2.10.2

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```

47     }
48   );
49
50   // define carousel change interval
51   $('<code>.carousel').carousel({ interval: 5000 });
52
53   // toggle show advanced search
54   $('#advanced-search').click(function() {
55     $('#advanced-search-form').toggleClass('hidden');
56     $('#search-form').toggleClass('hidden');
57   });
58
59   // toggle show search text form
60   $('#text-search').click(function() {
61     $('#advanced-search-form').toggleClass('hidden');
62     $('#search-form').toggleClass('hidden');
63   });
64
65   // toggle show data plots
66   $('#get_Data').click(function() {
67     $('#recipe-data-plots').toggleClass('hidden');
68   });
69
70   // check if page is showing recipe ingredients
71   if ($('#recipeIngredientsDisplay').length) {
72
73     // run iffy to format ingredients text
74     (function() {
75       var str = document.getElementById('recipeIngredientsDisplay').innerHTML;
76       document.getElementById('recipeIngredientsDisplay').innerHTML = str.replace(/<code>
77     })();
78   }
79
80   // check if page is showing recipe instruction
81   if ($('#recipeInstructionsDisplay').length) {
82     // run iffy to format ingredients text
83     (function() {
84       var str = document.getElementById('recipeInstructionsDisplay').innerHTML;
85       document.getElementById('recipeInstructionsDisplay').innerHTML = str.replace(/<code>
86     })();
87   }
88
89   // add select options to form dropdowns
90   add_options(select_contents);
91
92   // append select value to submission input text box for db submission
93   $('<code>select').change(function() {
94     var select_id = $(this).attr('id');

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```

95         if (select_id != 'recipeDietary' && select_id != 'recipeAllergen') {
96             $('input[name=' + select_id + ']').val($('#' + select_id.toString()).v
97         }
98     });
99
100    // append number value to submission input text box for db submission
101    $('input[type=number]').change(function() {
102        var select_id = $(this).attr('id');
103        $('input[name=' + select_id + ']').val($('#' + select_id.toString()).val()
104    });
105
106    // append checkbox value to submission input text box for db submission
107    $('.dietary-checkbox').click(function() {
108        dietary_array = [];
109        $('input[name="Dietary"]:checked').each(function() {
110            dietary_array.push(this.value);
111        });
112        $('input[name=recipeDietary]').val(dietary_array.join(','));
113    });
114
115    // append checkbox value to submission input text box for db submission
116    $('.allergen-checkbox').click(function() {
117        allergen_array = [];
118        $('input[name="Allergen"]:checked').each(function() {
119            allergen_array.push(this.value);
120        });
121        $('input[name=recipeAllergen]').val(allergen_array.join(','));
122    });
123
124    // confirm ingredients button and append value to submission input textarea fo
125    $('.ingredient-confirm-button').click(function() {
126        ingredient_values = '';
127        $('.ingredient-text').each(function() {
128            ingredient_values = ingredient_values + $(this).val() + '\r\n';
129        });
130        var ingredient_string = ingredient_values.substring(0, ingredient_values.l
131        $('textarea[name=recipeIngredients]').val(ingredient_string);
132        $('.ingredient-confirm-button').text('Ingredients confirmed!');
133    });
134
135    // confirm instructions button and append value to submission input textarea f
136    $('.instruction-confirm-button').click(function() {
137        instruction_values = '';
138        $('.instruction-text').each(function() {
139            instruction_values = instruction_values + $(this).val() + '\r\n';
140        });
141        $('textarea[name=recipeInstructions]').val(instruction_values.substring(0,
142        $('.instruction-confirm-button').text('Instructions confirmed!');

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```

143     });
144
145     // add ingredient textarea on button click
146     $('.add-ingredient-button').click(function() {
147         ingredient_count = ingredient_count + 1;
148         $('.add-recipe-ingredients').append(
149             '<div>' +
150             '<textarea class="col-12 form-control ingredient-text button-margin te
151             '<button class="col-3 col-md-2 btn btn-outline-danger remove-ingredient
152             '</div>'
153         );
154         $('.ingredient-confirm-button').removeClass('hidden');
155         ingredient_values = '';
156     });
157
158     // add instructions textarea on button click
159     $('.add-instruction-button').click(function() {
160         instruction_count = instruction_count + 1;
161         $('.add-recipe-instructions').append(
162             '<div>' +
163             '<textarea class="col-12 form-control instruction-text button-margin to
164             '<button class="col-3 col-md-2 btn btn-outline-danger remove-instructio
165             '</div>'
166         );
167         $('.instruction-confirm-button').removeClass('hidden');
168         instruction_values = '';
169     });
170
171     // remove ingredient textarea on button click
172     $(document).on('click', '.remove-ingredient-button', function(e) {
173         ingredient_count = ingredient_count - 1;
174         $(this).parent().remove();
175         if (ingredient_count == 0) {
176             $('.ingredient-confirm-button').addClass('hidden');
177             ingredient_values = '';
178             $('textarea[name=recipeIngredients]').val('');
179         }
180     });
181
182     // remove instruction textarea on button click
183     $(document).on('click', '.remove-instruction-button', function(e) {
184         instruction_count = instruction_count - 1;
185         $(this).parent().remove();
186         if (instruction_count == 0) {
187             $('.instruction-confirm-button').addClass('hidden');
188             instruction_values = '';
189             $('textarea[name=recipeInstructions]').val('');
190         }

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```

191     });
192
193     // add values to dropdowns, checkboxes and text inputs from db on edit/delete
194     if ($('#form').is('#edit_delete_form')) {
195         // add db values as checked/selected to checkboxes and dropdowns
196         for (var i = 0; i < field_array.length; i++) {
197             var checkbox_array = [];
198             if (field_array[i] == 'recipeDietary' || field_array[i] == 'recipeAlle
199                 checkbox_array = $('input[name=' + field_array[i] + ']').val().spl
200                 $.each(checkbox_array, function(i, value) {
201                     $('input[value=' + value + ']').prop('checked', true);
202                 });
203             }
204             else {
205                 var name = '#' + field_array[i];
206                 var select_value = $('input[name=' + field_array[i] + ']').val();
207                 $(name).val(select_value).attr('selected', 'selected');
208             }
209         }
210
211         // split ingredients data from db into array
212         var ingredients_array = $('textarea[name=recipeIngredients]').val().trim()
213
214         // append ingredient array values into ingredients textarea's for modifica
215         for (i = 0; i < ingredients_array.length; i++) {
216             $('#add-recipe-ingredients').append(
217                 '<div>' +
218                 '<textarea class="col-12 form-control ingredient-text button-margi
219                 '<button class="col-3 col-md-2 btn btn-outline-danger remove-ingr
220                 '</div>'
221             );
222             $('input[id=ingredient-confirm-button]').removeClass('hidden');
223         }
224
225         // split instructions data from db into array
226         var instructions_array = $('textarea[name=recipeInstructions]').val().spli
227
228         // append instructions array values into instructions textarea's for modif
229         for (i = 0; i < instructions_array.length; i++) {
230             $('#add-recipe-instructions').append(
231                 '<div>' +
232                 '<textarea class="col-12 form-control instruction-text button-marg
233                 '<button class="col-3 col-md-2 btn btn-outline-danger remove-inst
234                 '</div>'
235             );
236             $('input[id=instruction-confirm-button]').removeClass('hidden');
237         }
238

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```
239 // Deconstruct image filepath to show only file name
240 $('input[name="recipeImageLink"]').val(
241     $('input[name="recipeImageLink"]').val().slice(26)
242 );
243
244 $('#displayed-image-link').text(
245     $('input[name="recipeImageLink"]').val()
246 );
247 }
248 });
249
```

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