“BingMap” Widget

**HTML**

<div>

<div class="form">

<div class="tab-content">

<div id="signup">

<h1>BingMap Integration</h1>

<div class="top-row"></div>

<div class="field-wrap">

<span>Address</span>

<label></label>

</div>

<div class="field-wrap">

<span>City</span>

<label><span class="req"></span></label>

<input type="email" required autocomplete="off" ng-model="city" />

</div>

<div class="field-wrap">

<span>Zipcode</span>

<label><span class="req"></span></label>

<input type="text" required autocomplete="off" ng-model="zipcode" />

</div>

<div class="field-wrap">

<span>State</span>

<label><span class="req"></span></label>

<input type="text" required autocomplete="off" ng-model="state" />

</div>

<div class="field-wrap">

<span>Latitude</span>

<label><span class="req"></span></label>

<input type="text" required autocomplete="off" ng-model="latitude" />

</div>

<div class="field-wrap">

<span>Longitude</span>

<label><span class="req"></span></label>

<input type="text" required autocomplete="off" ng-model="longitude" />

</div>

<div>

<div class="searchable">

Search address here

</div>

<input ng-keydown="getResults(place)" ng-keypress="getResults(place)" ng-keydown="searchingActive()" type="text" ng-model="place" ng-change="getResults(place)" />

</div>

<div>

<div class="searchableList">

Address List

</div>

<div class="searchContainer">

<div class="searchResult">

<div ng-if="searching" class="singleSearchContainer" ng-repeat="rest in addressSuggestions">

<div ng-click="getCurrent(rest)">

{{rest.address.locality}} - {{rest.address.formattedAddress}}

</div>

</div>

</div>

</div>

<button id="submitBt" ng-click="getResults(place)">Submit</button>

</div>

</div>

</div>

</div>

</div>

**CSS**

@import "compass/css3";

$body-bg: #c1bdba;

$form-bg: #2596be;

$white: #ffffff;

$main: #1ab188;

$main-light: lighten($main,5%);

$main-dark: darken($main,5%);

$gray-light: #a0b3b0;

$gray: #ddd;

$thin: 300;

$normal: 400;

$bold: 600;

$br: 4px;

\*, \*:before, \*:after {

box-sizing: border-box;

}

html {

overflow-y: scroll;

}

body {

background:$body-bg;

font-family: 'Titillium Web', sans-serif;

}

a {

text-decoration:none;

color:$main;

transition:.5s ease;

&:hover {

color:$main-dark;

}

}

.form {

background:rgba($form-bg,.9);

padding: 40px;

max-width:900px;

margin:40px auto;

border-radius:$br;

box-shadow:0 4px 10px 4px rgba($form-bg,.3);

}

.tab-group {

list-style:none;

padding:0;

margin:0 0 40px 0;

&:after {

content: "";

display: table;

clear: both;

}

li a {

display:block;

text-decoration:none;

padding:15px;

background:rgba($gray-light,.25);

color:$gray-light;

font-size:20px;

float:left;

width:50%;

text-align:center;

cursor:pointer;

transition:.5s ease;

&:hover {

background:$main-dark;

color:$white;

}

}

.active a {

background:$main;

color:$white;

}

}

/\*

.tab-content > div:last-child {

display:none;

}

\*/

h1 {

text-align:center;

color:$white;

font-weight:$thin;

margin:0 0 40px;

}

label {

position:absolute;

transform:translateY(6px);

left:13px;

color:rgba($white,.5);

transition:all 0.25s ease;

-webkit-backface-visibility: hidden;

pointer-events: none;

font-size:22px;

.req {

margin:2px;

color:$main;

}

}

label.active {

transform:translateY(50px);

left:2px;

font-size:14px;

.req {

opacity:0;

}

}

label.highlight {

color:$white;

}

.searchable{

font-size:22px;

display:block;

width:100%;

height:100%;

padding:5px 10px;

background:none;

background-image:none;

color:$white;

border-radius:0;

transition:border-color .25s ease, box-shadow .25s ease;

&:focus {

outline:0;

border-color:$main;

}

}

.searchableList{

font-size:14px;

display:block;

width:50%;

height:70%;

padding:5px 10px;

background:none;

background-image:none;

color:$white;

border-radius:0;

transition:border-color .25s ease, box-shadow .25s ease;

&:focus {

outline:0;

border-color:$main;

}

margin-top: 10px

}

#submitBt{

margin-top: 15px;

color: #2596be;

font-size:20px;

font-weight: bold;

align\_self: center;

}

input, textarea {

font-size:22px;

display:block;

width:100%;

height:100%;

padding:5px 10px;

background:none;

background-image:none;

border:1px solid $gray-light;

color:$white;

border-radius:0;

transition:border-color .25s ease, box-shadow .25s ease;

&:focus {

outline:0;

border-color:$main;

}

}

textarea {

border:2px solid $gray-light;

resize: vertical;

}

.field-wrap {

position:relative;

margin-bottom:40px;

}

.top-row {

&:after {

content: "";

display: table;

clear: both;

}

> div {

float:left;

width:48%;

margin-right:4%;

&:last-child {

margin:0;

}

}

}

.button {

border:0;

outline:none;

border-radius:0;

padding:15px 0;

font-color:"red";

font-size:2rem;

font-weight:$bold;

text-transform:uppercase;

letter-spacing:.1em;

background:$main;

color:$white;

transition:all.5s ease;

-webkit-appearance: none;

&:hover, &:focus {

background:$main-dark;

}

}

.button-block {

display:block;

width:100%;

}

.forgot {

margin-top:-20px;

text-align:right;

}

span{

color: white;

}

.processingContainer{

display: flex;

justify-content: center;

width: 100%;

.processing{

display: flex;

justify-content: center;

color: white;

border-radius: 50%;

width: 50%;

}

}

.searchContainer{

}

.searchResult{

display: flex;

flex-direction: column;

justify-content: center;

display: flex;

flex-direction: column;

margin: 0;

padding: 0;

overflow: hidden;

background: #fff;

border-radius: 0 0 24px 24px;

box-shadow: 0 9px 8px -3px rgba(64,60,67,.24), 8px 0 8px -7px rgba(64,60,67,.24), -8px 0 8px -7px rgba(64,60,67,.24);

border: 0;

padding-bottom: 4px;

}

.singleSearchContainer{

padding: 7px;

&:hover, &:focus {

background: #dedcdc;

cursor: pointer;

}

}

**Client Script**

api.controller = function ($window, $scope, $http) {

/\* widget controller \*/

var c = this;

$scope.place = "";

$scope.address = "";

$scope.city = "";

$scope.zipcode = "";

$scope.state = "";

$scope.latitude = "";

$scope.longitude = "";

$scope.buni = "";

$scope.waiting = false;

$scope.addressSuggestions = [];

$scope.searching = true;

$scope.handleKeyPress = function(event) {

if (event.which === 13) {

alert("entered");

$scope.searchingActive();

// 13 is the key code for Enter key

// Call your function here

}

};

$scope.searchingActive = function(){

if($scope.searching == true){

$scope.searching = false

}

};

$scope.getResults = function (place) {

if(place.length == 0){

return;

}

var ga = new GlideAjax('BingMapClientCallable');

ga.addParam('sysparm\_name', 'fetchAddressDetail');

ga.addParam('sysparm\_place', place);

var parsedObj = [];

ga.getXML(function (response) {

var res = response.responseXML.documentElement.getAttribute("answer");

parsedObj = JSON.parse(res);

$scope.addressSuggestions = parsedObj;

if($scope.addressSuggestions.length > 1){

$scope.searching = true;

}

if($scope.addressSuggestions.length == 0 && $scope.searching == false){

$scope.searching = false;

}

return;

});

};

$scope.getCurrent = function (opt) {

$scope.searching = false;

if(opt.\_\_type == "Address"){

$scope.address = opt.address.formattedAddress;

$scope.city = opt.address.locality;

$scope.zipcode = opt.address.postalCode;

$scope.state = opt.address.adminDistrict;

$scope.place = "";

$scope.latitude = "";

$scope.longitude = "";

}

if(opt.\_\_type == "LocalBusiness"){

$scope.waiting = true;

$scope.address = "";

$scope.city = "";

$scope.zipcode = "";

$scope.state = "";

$scope.place = "";

$scope.latitude = "";

$scope.longitude = "";

var ga = new GlideAjax('BingMapClientCallable');

ga.addParam('sysparm\_name', 'fetchGeagraphyDetail');

ga.addParam('sysparm\_addressLine', opt.address.formattedAddress);

var parsedObj = [];

ga.getXML(function (response) {

var res = response.responseXML.documentElement.getAttribute("answer");

parsedObj = JSON.parse(res);

$scope.address = opt.address.formattedAddress;

$scope.city = opt.address.locality;

$scope.zipcode = opt.address.postalCode;

$scope.state = opt.address.adminDistrict;

$scope.latitude = parsedObj[0];

$scope.longitude = parsedObj[1];

$scope.$apply();

});

}

};

};

**Server Script**

(function() {

/\* populate the 'data' object \*/

/\* e.g., data.table = $sp.getValue('table'); \*/

})();