“customBingMap” Widget

**HTML**

<div class="searchContainer">

<div class="searchResult">

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

<div ng-click="setVariables(suggestion)">

{{suggestion.address.locality}} - {{suggestion.address.formattedAddress}}

</div>

</div>

</div>

</div>

**CSS**

.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;

}

**Client Script**

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

/\* widget controller \*/

var c = this;

//Control the visibility of the search results

$scope.searching = false;

//Listen for changes to 'place' variable

$window.addEventListener("keyup", function (event) {

if (event.target.name == "place") {

$scope.getSuggestions(event.target.value);

$scope.searching = true;

return;

}

});

//Get the API response and assign it to addressSuggestions variable

$scope.getSuggestions = function (searchQuery) {

if (searchQuery.length == 0) {

return;

}

var ga = new GlideAjax('BingMapClientCallable');

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

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

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;

});

};

//Populate all the variables based on the selected address

$scope.setVariables = function (suggestion) {

$scope.page.g\_form.setValue('longtude', "");

$scope.page.g\_form.setValue('latitude', "");

$scope.page.g\_form.setValue('city', "");

$scope.page.g\_form.setValue('address', "");

$scope.page.g\_form.setValue('state', "");

$scope.page.g\_form.setValue('zipcode', "");

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

$scope.page.g\_form.setValue('city', suggestion.address.locality);

$scope.page.g\_form.setValue('address', suggestion.address.formattedAddress);

$scope.page.g\_form.setValue('state', suggestion.address.adminDistrict);

$scope.page.g\_form.setValue('zipcode', suggestion.address.postalCode);

}

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

var ga = new GlideAjax('BingMapClientCallable');

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

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

var parsedObj = [];

ga.getXML(function (response) {

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

parsedObj = JSON.parse(res);

$scope.page.g\_form.setValue('city', suggestion.address.locality);

$scope.page.g\_form.setValue('longtude', parsedObj[1]);

$scope.page.g\_form.setValue('latitude', parsedObj[0]);

$scope.page.g\_form.setValue('address', suggestion.address.formattedAddress);

$scope.page.g\_form.setValue('state', suggestion.address.adminDistrict);

$scope.page.g\_form.setValue('zipcode', suggestion.address.postalCode);

});

}

$scope.searching = false;

return;

};

};

**Server Script**

(function() {

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

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

})();