

Autocomplete Text Field

The example below uses the [Autocomplete](#) element of [jQueryUI](#) and this [sample code](#).

A screenshot of a web form. At the top, there is a grey header bar with the word "Section" in bold. Below the header, there is a text input field with the placeholder text "Your City". To the right of the input field, there is a label "Drag This Column" in a light blue font. The entire form is enclosed in a thin black border.

Figure 1 : Adding a Text Field to the Form

First, add a **Text Field** element to the form and put "city" as field ID.

Next, add a **Custom HTML** element to the form and copy the following script into the **Custom HTML** property.

```
<script>
    $(function() {
        $( "[name$=city]" ).autocomplete({
            source: function( request, response ) {
                $.ajax({
                    url: "http://ws.geonames.org/searchJSON",
                    dataType: "json",
                    data: {
                        featureClass: "P",
                        style: "full",
                        maxRows: 12,
                        name_startsWith: request.term
                    },
                    success: function( data ) {
                        response( $.map( data.geonames, function( item ) {
                            return {
                                label: item.name + (item.adminName1 ? ", " + item.adminName1 : "") + ", " +
                                item.countryName,
                                value: item.name
                            }
                        }) );
                    }
                });
            },
            minLength: 2
        });
    });
</script>
```

Form properties Preview form Save form

Property Editor

[close](#)

Edit Custom HTML

Edit Custom HTML > Choose Validator

ID *

Label

Custom HTML

```
<script>
$(function() {
  $("[name$=city]").autocomplete({
    source: function( request, response ) {
      $.ajax({
        url: "http://ws.geonames.org/searchJSON",
        dataType: "jsonp",
        data: {
          featureClass: "P",
          style: "full",

```

Auto populate saved value? ☐

< Prev Next > OK Cancel

Figure 2 : Adding a Custom HTML Script to the Form



1. By default, the js library file of jQuery and jQueryUI is included in the Joget form.
2. The "city" in "[name\$=city]" in the code must be the same with that in your Field ID.

After adding the script, click on **Preview** in Form Builder. Type "kua"; the text field will appear like this:

Section

Your City

kua

- Kuantan, Pahang, Malaysia
- Kua, Miranda, Venezuela
- Kua, South Gyeongsang, South Korea
- Kua, Benin
- Kua, New Caledonia
- Kua, Benue State, Nigeria
- Kua, Chimbu, Papua New Guinea
- Kua, Bong, Liberia
- Kua, Nigeria
- Kua, Uttar Pradesh, India
- Kua, Uttar Pradesh, India
- Kua, Calabarzon, Philippines

Figure 3 : Preview and Check Autocomplete Field

A preview and check on the Autocomplete text field showed that it is working, although it looked a little unpleasant. Adding the following CSS to the Custom HTML improved the way the Autocomplete text field looked.

```
<style>
  .ui-autocomplete {
    background:#fff;
    border:#000 1px solid;
    list-style:none;
    padding: 5px;
    width: 250px;
  }
  .ui-menu-item:hover{
    background:#9CE9FF;
  }
</style>
```

Section

Your City

kua

Kuantan, Pahang, Malaysia

Kua, Miranda, Venezuela

Kua, South Gyeongsang, South Korea

Kua, Benin

Kua, New Caledonia

Kua, Benue State, Nigeria

Kua, Chimbu, Papua New Guinea

Kua, Bong, Liberia

Kua, Nigeria

Kua, Uttar Pradesh, India

Kua, Uttar Pradesh, India

Kua, Calabarzon, Philippines

Figure 3 : Completed Auto Complete Field