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Programmers Reference, Client Side Plugins

Writing client-side plugins

In **AwareIM** you can not only add plugins for the server (such as custom processes, channels or functions), but you can also add plugins that execute on the client within a web browser. Most of the time you would write these plugins in order to add your custom user interface functionality, or modify the default **AwareIM** user interface behaviour.

All client-side plugins must be written in Javascript and in most cases you need the knowledge of the Kendo UI Javascript library from Telerik and a popular open source Javascript library called jQuery . The description that follows assumes that the reader is familiar with Javascript, Kendo UI library and jQuery.

There are several types of the client-side plugins you can add in **AwareIM**:

- Modify the default behaviour and presentation of forms
- Modify the default behaviour and presentation of form sections in forms
- Modify the default presentation of individual fields within forms
- Modify the default presentation and behaviour of queries
- Modify the default presentation and behaviour of content panels inside visual perspectives

We will look at each of these client-side plugins separately

- Architecture of the client-side code
- Modifying default behavior and presentation of queries
- Modifying default behavior and presentation of forms
- Modifying default behavior and presentation of form sections
- Modifying default presentation of individual fields on forms
- Modifying default behavior of menu in visual perspectives
- Modifying default behavior and presentation of content panels in visual perspectives
- AwareApp object
- Using Javascript to integrate custom Cordova plugins for native mobile applications

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