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Writing client-side plugins

In **Aware IM** 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 **Aware IM** 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 **Aware IM**:

1. Modify the default behaviour and presentation of forms
2. Modify the default behaviour and presentation of form sections in forms
3. Modify the default presentation of individual fields within forms
4. Modify the default presentation and behaviour of queries
5. 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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