- After the widget has been accessed by a data-related script API method to fetch data, then its data refresh is paused again.
- If a widget's data refresh is paused, then applying script API methods that change the result set of the data source associated with the widget (for example, `setDimensonFilter()` or `setVariableValue()`), trigger the execution of the `onResultChanged` event script.
- If the widget's visibility is changed several times in one script event, it's refreshed only once.

5.30.1.2 Disabling User Interaction

When the data refresh of a data source associated with a Table or Chart widget is paused, then end user interaction on such a widget becomes meaningless. Most of the end user's interaction will take no effect until data refresh is resumed. Thus, it's useful to enable or disable end user interactions on those widgets.

To enable or disable end user interaction at design time, deselect or select *Disable Interaction* in the *Builder* panel of the widget.

5.30.2 Script API

5.30.2.1 Single Widget

Besides configuring the Table or Chart widget in the *Builder* panel at design time, you, as an analytic application developer, can use the following script API to enable or disable data refresh at runtime as well:

```
Table.getDataSource().setRefreshPaused(paused: PauseMode | boolean);
Table.getDataSource().getRefreshPaused(): PauseMode;

Chart.getDataSource().setRefreshPaused(paused: PauseMode | boolean);
Chart.getDataSource().getRefreshPaused(): PauseMode;
```

with the following values for `PauseMode`:

```
PauseMode.On     // Always Pause
PauseMode.Off    // Always Refresh
PauseMode.Auto   // Refresh Active Widgets Only
```

Note:

- `setRefreshPaused(true)` is equivalent to `setRefreshPaused(PauseMode.On)`
- `setRefreshPaused(false)` is equivalent to `setRefreshPaused(PauseMode.Off)`

5.30.2.2 Multiple Widgets

You can also use the following script API to enable and disable the data refresh of several widgets at once:

```
Application.setRefreshPaused(dataSources: DataSource[], paused: boolean);
```