

In addition, the Comment widget provides a data source-related script API:

Returns the data source of the Comment widget:

```
Commenting.getCommentingDataSource(): CommentingDataSource
```

where the class `CommentingDataSource` provides the following script API:

Sets the dimension filters of a Comment widget:

```
CommentingDataSource.setDimensionFilter(dimension: string | DimensionInfo, member: string | string[] | MemberInfo | MemberInfo[] | MeasureInfo | MeasureInfo[] | TimeRange | TimeRange[])
```

Returns the dimension filters of a Comment widget:

```
CommentingDataSource.getDimensionFilters(dimension: string | DimensionInfo) : FilterValue[]
```

Removes the dimension filters of a Comment widget:

```
CommentingDataSource.removeDimensionFilter(dimension: string | DimensionInfo)
```

*Example:*

In the following example, the dimension filter of dimension *Location* from a table is copied to a Comment widget:

```
var filter = Table_1.getDataSource().getDimensionFilters("Location")[0];
if (filter.type === FilterValueType.Single) {
    // Table_1 has a single filter, for example, "location=SA1"
    var singleFilter = cast(Type.SingleFilterValue, filter);
    CommentWidget_1.getCommentingDataSource().setDimensionFilter("Location",
        singleFilter.value);
} else if (filter.type === FilterValueType.Multiple) {
    // Table_1 has multiple filters, for example, "location=SA1" and "location=SA2"
    var multipleFilter = cast(Type.MultipleFilterValue, filter);
    CommentWidget_1.getCommentingDataSource().setDimensionFilter("Location",
        multipleFilter.values);
}
```

## 5.37 Export API

End users can select *Export* from the context menu of a table or a chart to export analytic application content in several output formats. In addition, you, as an analytic application developer, can use export components and their script APIs to export analytic application content, especially tables.

### 5.37.1 Export to PDF

You, as an analytic application developer, can use the Export to PDF component and its script API to export application content and especially table content to a PDF file.

#### 5.37.1.1 Configuration

To add an Export to PDF component, click in the *Scripting* section of the *Outline* the “+” (plus) icon next to *Export to PDF*. This creates the Export to PDF component and opens its *Export to PDF* panel: