

5.8.3 Using the getResultMember API

To get member-specific information, we introduce the script API method `getResultMember()`. Users can pass the ID of one dimension or a `DimensionInfo` and a data selection as a parameter. As a result, a `ResultMemberInfo` object is returned which contains `id`, `description`, and `parentId`.

For a dimension which has attributes, the attributes will be provided as additional properties of the `ResultMemberInfo` object.

Function Summary

```
// Get member metadata, works for data cell and header cell
Chart_1.getDataSource().getResultMember(dimension: String | DimensionInfo,
selection: Selection): ResultMemberInfo | undefined
Table_1.getDataSource().getResultMember(dimension: String | DimensionInfo,
selection: Selection): ResultMemberInfo | undefined

ResultMemberInfo {
  id: string
  description: string
  parentId: string
  properties?: { // "properties" doesn't contain "id" or "description"
    [key: string]: [string]
  }
}
```

Example 17: Identify a table cell and return a result member

BestRunJuice_SampleModel			
in Million USD 🌐			
	Account	Gross_Margin	Discount
Location	Product	Gross Margin	Discount
SA1 California	PC4 Alcohol	25.39	30.72
	PC1 Carbonated Drinks	44.26	15.65
	PC2 Juices	102.78	130.30
	PC3 Others	1.05	1.06
CT1 Los Angeles	PC4 Alcohol	7.62	9.52
	PC1 Carbonated Drinks	12.86	4.73
	PC2 Juices	28.21	35.52
	PC3 Others	0.29	0.28
CT2 San Francisco	PC4 Alcohol	3.22	3.91
	PC1 Carbonated Drinks	5.34	1.84
	PC2 Juices	10.96	14.06
	PC3 Others	0.10	0.10
CT3 San Diego	PC4 Alcohol	2.32	2.67
	PC1 Carbonated Drinks	2.92	1.03
	PC2 Juices	12.47	15.74

Figure 45 Identify a Table Cell and Return a Result Member

```
Table_1.getDataSource().getResultMember("Location_4nm2e04531", {
  "Location_4nm2e04531":
    "[Location_4nm2e04531].[State_47acc246_4m5x6u3k6s].&[CT1]",
  "Product_3e315003an":
    "[Product_3e315003an].[Product_Catego_3o3x5e06y2].&[PC4]",
  "@MeasureDimension": "[Account_BestRunJ_sold].[parentId].&[Gross_Margin]"
})
```