
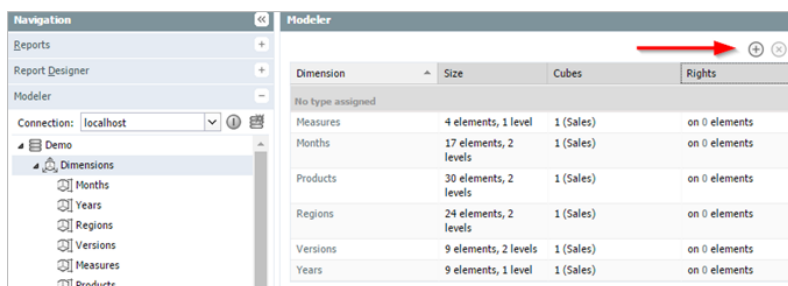


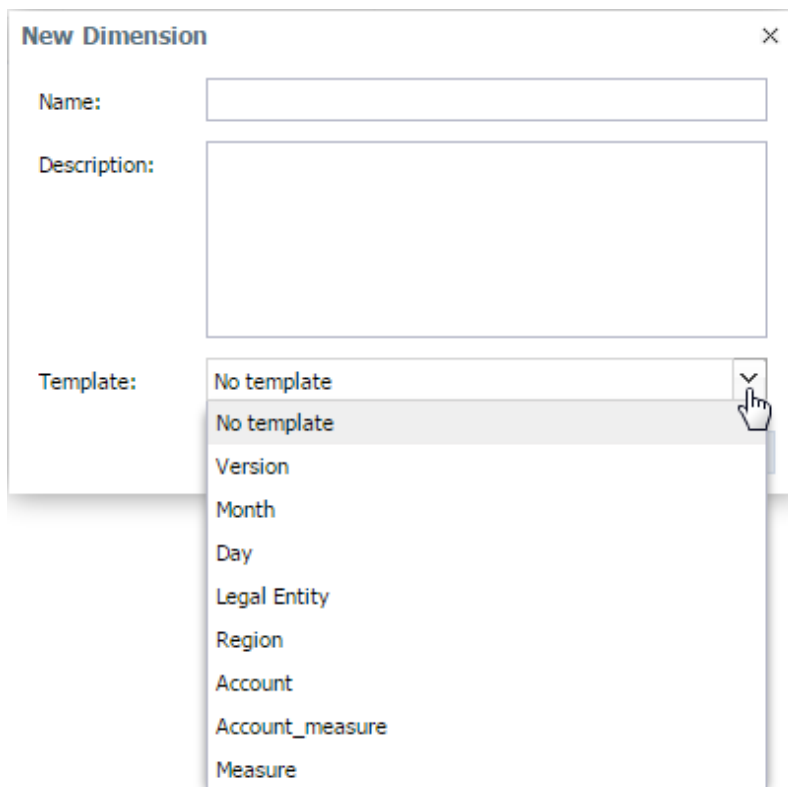
# Creating New Dimensions

To create a new dimension, follow the steps in the example below:

1. From the **Modeler**, select the **Demo** database.
2. Click **Dimensions** to expand the list of dimensions in the database.
3. Create a new dimension by either right-clicking **Dimensions** and selecting **New...** or by  clicking the icon, as indicated in the screenshot below:



4. The **New Dimension** dialog appears, where you can enter a name and description of the dimension. You can also select from a list of templates, which define the elements in your new dimension.



**New Dimension** [X]

Name:

Description:

Template:  [v]

- No template
- Version
- Month
- Day
- Legal Entity
- Region
- Account
- Account\_measure
- Measure

5. Click **OK** to finish.

## Assigning Dimension Types

Assigning types to dimensions increases the overview of the database by grouping all the dimensions based on their type. If you select a template when you create a dimension, it is automatically assigned a type. If you create a dimension with no template assigned, you can still assign it a type after creating it. When you assign a type to a dimension, it does not make any changes to the dimension itself. Only

if you assign the type TIME, the time editor is enabled.

To assign a type, open the dimension in the Modeler, go to **Advanced** and select the type from the drop-down list. The following options are available:

- **Versions** - the elements of this dimension represent data sets such as Actual, Budget or Forecast. They have different origins, such as source systems or planning processes.
- **Time** - the elements of this dimension represent a time unit, such as day, month, quarter or year, and aggregations thereof. Once selected, this option enables the [Time Editor](#), which allows you to maintain the time dimensions.
- **Business** - the elements of this dimension represent values broken down in hierarchies, displaying how a company organizes its business. Common business dimensions are Regions, Companies, Cost Centers, Products or Customers.
- **Accounts** - the elements of this dimension represent ledger accounts, as used by accounting, or similar concepts, as reporting positions or planning items. The hierarchy in an account dimension (also known as a chart of accounts) uses factors for a meaningful aggregation. For example, the factor -1 is used in Profit = Income - Expenses. The factor 0 is used in Total Revenue = Services

+ Sold Products + Other Revenue + (0\* Thereof Interest Revenue).

**Note:** The list of accounts and its hierarchy are subject to maintenance and can vary over time to reflect changes in the business process.

- **Measures** – the elements of this dimension represent different transactional data information stored in the cube. Similarly to **Accounts**, you can specify different meanings of measures (such as element type – [numeric](#) or [string](#), the units of measurement (amount, units, weight, length), the display format, the aggregation [behavior over time](#), or the [calculation formulas](#). Unlike accounts, there are usually only a few measures and they remain fixed over time.

## Dimensions Overview

You can view details about every dimension in the database in table format in the **Dimensions Overview**:

Dimension	Size	Cubes	Rights
<small>No type assigned</small>			
Measures	4 Elements, 1 Level	1 (Sales)	on 0 Elements
Months	17 Elements, 2 Levels	1 (Sales)	on 0 Elements
Products	30 Elements, 2 Levels	1 (Sales)	on 0 Elements
Regions	24 Elements, 2 Levels	1 (Sales)	on 1 Elements
Versions	9 Elements, 2 Levels	1 (Sales)	on 0 Elements
Years	9 Elements, 1 Level	1 (Sales)	on 0 Elements

Dimension Shows the type of the dimension.

Size Shows the number of elements and the levels of distribution.



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Cubes      Shows the number of cubes containing the dimension.

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Rights      Shows how many groups have non-default rights assigned for the dimension elements.

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Learn more about creating dimensions in a [free online course](#) from Jedox Academy! Just enter your email address when prompted, and the video will begin playing.

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