

Scaling Amounts in Reports




The purpose of scaling amounts is to improve the user perception of reports with large amounts by scaling down all amounts by a factor of a thousand or a million.

In the context of Jedox models, scaling is implemented as an extension of [currency conversion](#). Scaling can be defined individually per target currency. It does not apply to the local currency ([LC](#)).

All scaling options are defined by additional elements in the [Currency](#) dimension. The naming convention for the scaling options is the following sequence: greater sign (>), followed by a space, followed by either a lowercase [k](#) (for scaling in thousands) or uppercase [M](#) (for scaling in millions), followed by the target currency code. For example, to scale US dollars in thousands, you would enter [> kUSD](#).



The letters [k](#) (lowercase) and [M](#) (uppercase) conform to the International System of Units and are case sensitive. Only these two letters are valid for scaling. These elements must be base elements at the root level of the [Currency](#) dimension. The [Name](#) attribute should be defined for these elements (e.g. "In '000 US Dollar"). This attribute can be localized. The corresponding target currency element (e.g. [> USD](#)) must exist.

Example

Element	Type	Name
▷ All Currencies		
▷ > EUR		In Euro
▷ > USD		In US Dollar
> kEUR	1 ₂ 3	In '000 Euro
> kUSD	1 ₂ 3	In '000 US Dollar

This example shows the root level of a [Currency](#) dimension set up for the target currencies [EUR](#) and [USD](#), with scaling options for thousand US Dollars and thousand Euros but without any scaling in millions.

The scaling elements are calculated with

Element (e.g.)	Definition (e.g.)
> kUSD	Scaling in thousand US Dollars. When Conversion Type equals  , the amount is not scaled. Otherwise, the value is calculated as: $\text{> USD} / 1000.$
> MUSD	Scaling in million US Dollars. When Conversion Type equals  , the amount is not scaled. Otherwise, the value is calculated as: $\text{> USD} / 1000000.$

For more information, see [Setting Up the Target Currencies](#) and [Fact Cube using Currency Conversion](#).

Note: after changing the scaling options, the rule templates handling the currency conversion in the fact cubes need to be updated.

In reports featuring currency conversion, the scaling options are offered in the currency selection:



The selected option is shown in the report header. For example:

[Actual 2016 | 17 - Best Bicycle USA LLC | In '000 US Dollar](#)
