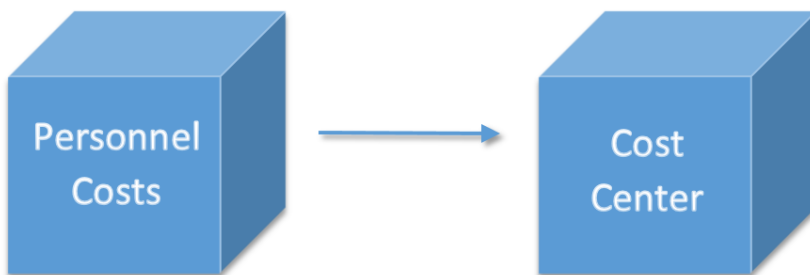


Integration of Detail-Planning Cubes (Cost Center Cube)

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When running the [Human Resources](#) and [Cost Center](#) models on the same OLAP database, detailed data from the [Personnel Costs](#) cube can be automatically integrated into the [Cost Center](#) cube. The integration is implemented as rules in the [Cost Center](#) cube. These rules are defined as part of the [KPI calculation](#).



The sample data package for the model contains some samples for the integration.

Example

The [Cost Type](#) element [311070](#) (Salaries & Wages) integrates values from the measure [Wages and Salaries](#) in the [Personnel Costs](#) cube.

- The [Employee](#) dimension exists only in the [Personnel](#)

`Costs` cube; the total value from `All Employees` is integrated.

- The `Currency` dimension exists only in the `Cost Center` cube. The value is integrated only into the `LC` (Local Currency) element, while other elements are set to `null`. However, these other currency elements may be calculated by the [currency conversion](#), which takes precedence over the KPI calculation.
- All other dimensions are shared.

The rule expression for this is (Note: indentations and line breaks added for clarity):

```
[crayon-5f2d73a40ed38060983829/]
```

The integration for planning versions (assigned to the `P` calculation schema) and for the actual version (assigned to the `A` calculation schema) are identical. The integration rule instances should be generated only if the source cube `Personnel Costs` exists.

The attributes for the `Cost Type` element `311070` (Salaries & Wages) are:

Attribute	Value	Remarks
<code>PCalculation</code>	PALO.DATA("", "Personnel Costs", ...	The complete expression is shown above.

Attribute	Value	Remarks
PCalculationDependencies	Cube:Personnel Costs	Create rule instance only if the source cube Personnel Costs exists.
PTargetRestriction	'Currency':'LC'	Restrict calculations on the Currency dimensions to element LC .
ACalculation	PALO.DATA("", "Personnel Costs", ...)	Identical to the PCalculation attribute.
ACalculationDependencies	Cube:Personnel Costs	Create rule instance only if the source cube Personnel Costs exists.
ATargetRestriction	'Currency':'LC'	Identical to the PTargetRestriction attribute.