Useful Techniques using the Model Configuration UI

IBP Customer Webinar

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Model Configuration UI timeline

Planned development!

1811 1902 1905 1908 1911 2002

PHASED OUT

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Phasing out Configuration UI

Applications already available

Uses Planning Area app (1908)

Still used, also as separate apps
Model Configuration Tips and Trick
System Demo
How to switch object types in SAME
You can export a PA to CSV.

How to enable Chrome to allow multiple file download: [link](#)
You can choose a new integration profile during copy.

All target external MDTs’ and PA’s integration profile can be changed in one shot.
You can see which objects have Active state. Active / Inactive pattern for all object types (Attr / MDT / TP / PA / subobjects). Active state can be restored if present.

Objects’ active state are displayed in this mode. You can see which objects have Active state.

Links are available to related application log details for <3 months old entries.
All objects and sub-objects have similar administrative information.

The origin of the PA is visible in the General tab.
If you need a new tile to the Fiori Launch Pad that opens directly your favourite PA… 

… then use this function, and the Planning Areas worklist is skipped!
There are a TON of links everywhere in our apps…
Do not be shy, click around and see what is offered!
Some links and buttons navigate to other applications, right into the relevant details when possible.

<table>
<thead>
<tr>
<th>Application Logs</th>
<th>Settings for Change History</th>
<th>Time Profiles</th>
<th>Master Data Types</th>
<th>Planning Operator maintenance applications that are relevant for this PA</th>
</tr>
</thead>
</table>

### Master Data Types
- **DISPCURRENCY**
- **DISPCURRENCYCYC**
- **DISPCUSTOMER**
- **DISPDDELIVERY**

### Time Profiles

<table>
<thead>
<tr>
<th>Time Profile</th>
<th>SAPS TW W Q (32776)</th>
</tr>
</thead>
</table>

### Planning Operator Maintenance Applications
- Manage Forecast Error Calculations - Demand Planning
... some other links offer further details – popovers – with extra navigation possibilities....
If you feel lost, use the standard Fiori navigation patterns, ....

... or just use the breadcrumb navigation!

... and the in-app navigation help you to quickly jump back and forth.
Do not forget to refresh your screen ("Go" or F5) to check if Activation has finished, …
Changing the Time Profile is possible, but handle this operation with extra care as it adjusts the Planning Area heavily. Make sure you read the documentation first!
You can display some hidden, but relevant columns in the worklists.

- Is this Key Figure editable?
- What is the sourcing of my attributes in a PL?
- Is this Planning Level external?
- Who and when created this entry?
- ....
Different key figure types are represented by icons. You can use your mouse to see the tooltip to learn them!

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Base Planning Level</th>
<th>Type</th>
<th>Key Figures</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALERT</td>
<td>Alert Key Figure</td>
<td>PL3</td>
<td>Calculated</td>
<td></td>
<td>Inactive</td>
</tr>
<tr>
<td>DIS_FIXIND_FIXED</td>
<td>Fixing Indicator for FIXED</td>
<td>PL3</td>
<td>Technical</td>
<td></td>
<td>Inactive</td>
</tr>
<tr>
<td>DIS_FIXQTY_FIXED</td>
<td>Fixed quantity for FIXED</td>
<td>PL3</td>
<td>Stored</td>
<td></td>
<td>Inactive</td>
</tr>
<tr>
<td>FIXED</td>
<td>Fixed Key Figure</td>
<td>PL3</td>
<td>Stored</td>
<td>Alert</td>
<td>Inactive</td>
</tr>
<tr>
<td>GEOLATITUDE</td>
<td>Geo Latitude</td>
<td>PL3</td>
<td>Helper</td>
<td>Technical</td>
<td>Inactive</td>
</tr>
<tr>
<td>HELPER</td>
<td>HELPER</td>
<td>PL3</td>
<td>Attribute as Key Figure</td>
<td></td>
<td>Inactive</td>
</tr>
<tr>
<td>PERIODID</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STORED</td>
<td>Stored KF</td>
<td>PL3</td>
<td>Attribute Transformation</td>
<td></td>
<td>Inactive</td>
</tr>
<tr>
<td>STOREDCALCULATED</td>
<td>Stored and Calculated</td>
<td>PL3</td>
<td></td>
<td></td>
<td>Inactive</td>
</tr>
</tbody>
</table>

Technical key figures are not shown by default!
Deleting an attribute from the Planning Area also deletes it from the Planning Levels, ... and similarly, adding new attributes to PA and PLs is planned for 1911!
By default, all key figures are shown, including read-only, system generated KFs for fixing.

... and you can also display the user created ones for simplicity.
If you need a complex filter criteria, or you wanted to save it as a variant that can be easily applied, just use the filter function.
The key figure search field searches the actual list (controlled by the variant / filter).

It is really powerful, you can search by (almost) any KF characteristics!

For example filter/search by:
- any part of ID / Name / Description
- Base Planning Level
- status
- Convert Using KF name
- Disaggregation Expression (yes/no)
- Edit Allowed (by different options)
- Change History Enabled (yes/no)

Watch explanatory video [here](#)
It can be a good idea to open some details (KF, PL) in a new browser tab, and use both tabs to analyze, compare, copy, understand.

And if you wish, you can navigate directly, within the same window.
Calculations’ status is displayed on aggregated level (if possible) to save space.

If an input is stored for a calculation, it is directly visualized by the “stored” icon.

**Calculations**

```
ACTUALSQTPRIORYEAR@REQUEST = SUM("ACTUALSQTPRIORYEAR@WKPRODLOCCUSTOFFSETUOMTO")

ACTUALSQTPRIORYEAR@WKPRODLOCCUSTOFFSETUOMTO = "UOMCONVERSIONFACTOR@PRODUOMTO" * "ACTUALSQTPRIORYEAR@WKPRODLOCCUSTOFFSET"

ACTUALSQTPRIORYEAR@WKPRODLOCCUST = "ACTUALSQTY@WKPRODLOCCUST"
```
Hover your mouse over a KF, and the system highlights the same KF@PL forms in the all calculations. It makes easy to see and understand where is it defined or used.
Popovers are available for each KFs and PLs in the calculations. Use them to get a quick overview about that object’s details.
You can always display the graph representing the key figure calculation chain in a new tab.
The disaggregation related fields have been enhanced with IBP 1905 in order to provide better overview about the logic.

For example, a new Proportionality field has been introduced. This particular example means that the proportionality is based on the actual key figure’s calculated values – and the system generates the disaggregation expression for this during Activation.
When you maintain a calculation, the system predicts if the inputs are used in Stored or Calculated form. You can adjust it, but in most of the cases you do not have to!

The system parses the calculation expression and automatically identifies all the „direct“ inputs.
Additional calculation inputs are not hidden anymore – they are being displayed dynamically.

You are free to enter a not-yet-existing direct or additional input – the system issues a warning, but this is allowed.
Drag&drop is available from any panels displaying a key figure calculation – even between separate browser tabs.

Just drag the KF@PL by the @ symbol to the target area.

You can also copy/paste an expression (Ctrl+C / Ctrl + V)
See if you can find and invoke our easter egg 🙂
Key Figure deletion is now much easier. The system deletes all the references after listing them and user confirmation. Therefore, you are not forced to disassemble your Planning Area from top to bottom…
... however, you still need to adjust the referring objects and maintain their consistency.
Attribute creation is possible on-the-fly during Master Data Type maintenance.
Default Planning Area is to be maintained in the Fiori settings.
Customer users see only the "Business" related Global Configuration Settings...

... and SAP internal colleagues can see and change all of them
Future plans (IBP 1911 / 2002)
There is a power Key Figure editor in the pipeline, planned to be released IBP 2002. It shares the same features and architecture, with better support for multi-editing of KFs and PLs.
Both application will co-exist to support different use-cases...
... and you can navigate between them seamlessly.
Thank you.

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