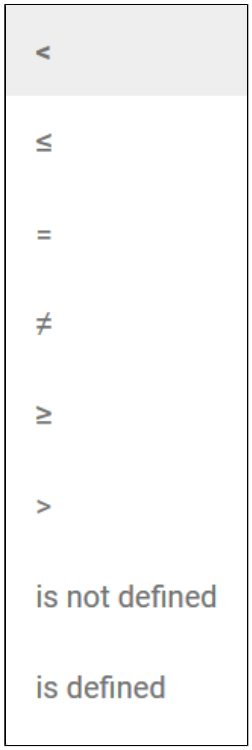
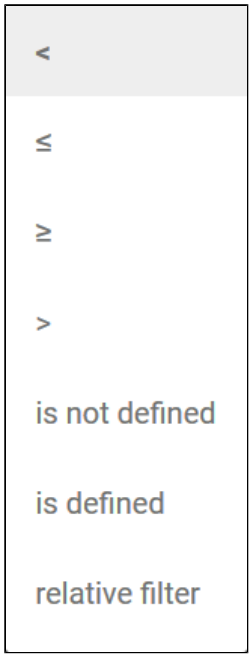
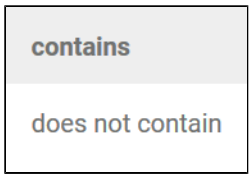
_mining_excerpts

Chapter	Name	Excerpt	Usage
Analysis	**note_axis_allocation**	The settings possible for axis allocation are explained in detail on the Configuring Axis Allocation page.	• MINING: Creating an Analysis • MINING: Creating a Template
Analysis	**note_filter_config**	The Configuring Filters page explains all filter settings in more detail.	• MINING: The Variants Sidebar • MINING: Creating an Analysis • MINING: Configuring Axis Allocation • MINING: Creating a Template
Analysis	**process_list**	Is the process you are looking for not showing in the list? In order for data from **Scheer PAS** *Bridge* or **Scheer PAS** *BPaaS* to be transferred to process mining, the corresponding process must have been run at least once.	• MINING: The Variants Sidebar • MINING: Creating an Analysis • MINING: Creating a Template
Analysis - Axis allocation	**axis_aggregation**	For key indicators on the y-axis the aggregation required can be set using a selection list. An exception here is the **number of processes** as aggregating these is not appropriate.	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_aggregation_unit**	The choices available are: • **Number** • **Total** • **Average** • **Minimum** • **Maximum**	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_allocation_drag**	To use an attribute, drag it from the list onto the area of the corresponding axis. Only instance attributes with the matching symbol can be dragged onto the corresponding axis.	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_allocation_error**	If instance attributes of differing levels are mixed, the resulting chart is not meaningful. The wizard therefore displays the following message: **You combined process attributes with process step attributes. This kind of axis allocation will not lead to significant results.** Please change your selection of instance attributes. Attributes which match are highlighted in color.	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_allocation_green**	A green frame signals to the user that they are saving the selected instance attribute in the correct axis area.	• MINING: Configuring Axis Allocation

Analysis - Axis allocation	**axis_allocation_intro**	You can determine which instance attributes should be displayed in the chart in the axis allocation step. The instance attributes available are listed on the left. Individual instance attributes are explained in more detail in the Process Mining Glossary.	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_allocation_list**	The two areas for the content of the x and y axis are located on the right hand side of the pop-up window. • Dimensions are displayed on the x-axis. They are marked with the symbol  . • Key indicators are displayed on the y-axis. They can be identified by the symbol  . In distribution charts (all chart types except **tachometer**), key indicators can also be displayed as a dimension on the x-axis.	• MINING: Creating an Analysis • MINING: Configuring Axis Allocation • MINING: Creating a Template
Analysis - Axis allocation	**axis_allocation_red**	The correct allocation of dimensions and key indicators is visually supported. If the user tries to place an instance attribute on the wrong axis, the area will be framed in red.	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_allocation_time**	The unit of time can be set for time-based dimensions. This is applicable to the following instance attributes: • **End Date** • **Last Update** • **Start Date**	• MINING: Configuring Axis Allocation
Analysis - Axis allocation	**axis_allocation_time_units**	The following units of time can be set: • **Year** • **Month** • **Day** • **Hour** • **Minute** • **Second**	• MINING: Configuring Axis Allocation
Analysis - Filter	**attribute_filter**	Once the basis for filtering has been defined, individual attribute filters can be created: • Use the button  to create a new attribute filter. • Click on the symbol  to link attribute filters. To select an instance attribute, expand the **Field** selection list.	• MINING: Configuring Filters
Analysis - Filter	**filter_basis**	In the first field, the selection list is the basis for determining filtering: • **All:** All rules must be met. • **Any:** At least one rule must be met.	• MINING: Configuring Filters
Analysis - Filter	**filter_contains**	**Example: Step** contains **%end%** All instances containing the string end in the step instance attribute will be displayed. Steps in which additional characters appear before or after the string end are also taken into account.	• MINING: Configuring Filters
Analysis - Filter	**filter_create**	If you change the option on the **create following filter** function, the filter entry is displayed.	• MINING: Creating an Analysis • MINING: Configuring Filters • MINING: Creating a Template

<table>
<tr><td>Analysis - Filter</td><td>filter_duration</td><td>Duration periods (process duration, step duration) are entered as whole numbers. A single number is interpreted as meaning a time unit of seconds.</td><td>MINING: Configuring Filters</td></tr>
<tr><td>Analysis - Filter</td><td>filter_duration_display</td><td>After completing the entry, the time units applied are written out automatically.</td><td>MINING: Configuring Filters</td></tr>
<tr><td>Analysis - Filter</td><td>filter_duration_no</td><td>If a time unit entry is not clearly defined, a corresponding message will be shown.</td><td>MINING: Configuring Filters</td></tr>
<tr><td>Analysis - Filter</td><td>filter_operator_contains</td><td>If the contains operator is used, wildcards can be used for entries in the value field. The following placeholders are allowed:
_ (underscore): An underscore can be used as a placeholder for any character.
% (percentage sign): The percentage sign can be used as a placeholder for any set of character strings.</td><td>MINING: Configuring Filters</td></tr>
<tr><td>Analysis - Filter</td><td>filter_operator_table</td><td>A distinction is made between four groups of instance attributes and the operators belonging to them:<table><tr><th>Operators</th><th>Instance Attributes</th><th>Value Input</th></tr><tr><td>=
≠
like
is not defined
is defined</td><td>Current step
End event
Host
Process name
Process ID
Start event
Step</td><td>manual input*
* Except when operators is defined / not defined</td></tr></table></td><td>MINING: Configuring Filters</td></tr>
</table>

			**Process time** **Step duration** **Process count**	manual input* *** Except when operators is defined / not defined**	
			**End date** **Last update** **Start date**	Calendar (date picker) and manual input of the time * * Except when operators **is defined / not defined** and **relative filtering** If **relative filtering** is selected, the following options are available via an additional selection list: • last minute • last hour • last day • last week • last month • last year user-defined (manual input, see Relative Filtering)	
			**Event** **Steps**	Manual input	
Analysis - Filter	**filter_operators**	Depending on the instance attribute selected, various operators become subsequently available. The operators available can be displayed via a selection list.			• MINING: Configuring Filters

<table>
<tr>
<td>Analysis - Filter</td>
<td>filter_time_units</td>
<td>Weeks, days, hours and minutes can also be entered using the corresponding abbreviations:
<table>
<tr><th>Time Units</th><th>Permitted Input
(upper and lower case scripts are allowed)</th></tr>
<tr><td>Week</td><td>w, week, weeks</td></tr>
<tr><td>Day</td><td>d, day, days</td></tr>
<tr><td>Hour</td><td>h, hr, hour, hours</td></tr>
<tr><td>Minute</td><td>m, min, minute, minutes</td></tr>
<tr><td>Second</td><td>s, sec, second, seconds</td></tr>
</table>
</td>
<td>

MINING: Configuring Filters

</td>
</tr>
<tr>
<td>Analysis - Filter</td>
<td>filter_value</td>
<td>If an operator was selected, the related value can be entered.</td>
<td>

MINING: Configuring Filters

</td>
</tr>
<tr>
<td>Analysis - Filter</td>
<td>manage_filter</td>
<td>Manage your filters using the three buttons that appear:

Press the  button to create a new attribute filter.
Use the  button to link attribute filters.
Delete a filter using the  button.

</td>
<td>

MINING: Configuring Filters

</td>
</tr>
<tr>
<td>General tips</td>
<td>mining_authorization</td>
<td>A Process Mining user is authorized to create analyses for all processes that are saved against their profiles. If a user’s rights are removed from a profile, they can no longer analyse the processes stored in it. If they have already created analyses prior to the loss of authorization for a profile, the analysis in the content area is shown with the message No authorization to analyse this process.

Note for administrators: The allocation of authorizations and profiles is explained in detail in the Administration Guide.</td>
<td>

MINING: The Process Analyzer
MINING: The Analyses Sidebar
MINING: Creating an Analysis
MINING: Analyses

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</table>

<table>
<tr>
<td>Installation</td>
<td>collection_level</td>
<td>
<table>
<tr><th>Collection Level</th><th>Description</th><th>Restrictions</th></tr>
<tr><td>Custom</td><td>Collects everything that has been logged to the transaction log with transaction log level Custom:

Logs everything that is written by the logger adapter (for more details, see BRIDGE Documentation > Log Adapter).

All other logs in the transaction log will be ignored.</td><td>Service must at least have transaction log level Custom.</td></tr>
<tr><td>Service</td><td>Collects everything that has been logged to the transaction log with transaction log level Service:

Logs the start and the end of calls to a service operation (service interface). For example, calls to SOAP, SAPRFC, or HTTP operations.

All other logs in the transaction log will be ignored.</td><td>Service must at least have transaction log level Service.</td></tr>
<tr><td>IO</td><td>Collects everything that has been logged to the transaction log with transaction log level IOExternal and IOInternal:

Logs calls of adapters that communicate with external systems like SAP, SQL, SOAP, etc. For instance, the SQL queries that are sent to the database will be logged as well. Calls via the file system and system adapter are excluded.

Logs also calls of adapters to internal (local) resources (file system adapter and system adapter).</td><td>Service must have transaction log level IOExternal or IOInternal.</td></tr>
</table>

⚠ The higher the collection level the more information will be collected and the more data will be stored in the database of Scheer PAS Process Mining. If you do not need to analyze your processes and services down to all IO operations, it is sufficient to set your collection level to e.g. Service to take load of your database server.

However, in case you need to analyze a process or service further down than the collected data allows, you could easily upload the corresponding transaction logs manually with a higher collection level (given that the transaction log level of the service allows that).

But keep the following in mind: If you manually upload a transaction log of a service with collection level e.g. IO whose data has already been collected with collection log level e.g. Service, the already collected data will be doubled. For these cases, we recommend to distinct the manually uploaded logs by e.g. a different host. Otherwise your process or service statistics could get distorted.
</td>
<td>?</td>
</tr>
<tr>
<td>Installation</td>
<td>pa_prerequisites</td>
<td>Scheer PAS Process Mining is delivered as Node.js packages. In order to run these, you need a specific Node.js version.

Please respect the following dependencies:

<table>
<tr><th>Process Mining Version</th><th>Platform Services Version</th><th>Node.js Version</th><th>Bridge Version</th></tr>
<tr><td>19.2</td><td>PAS 19.2</td><td>12.x</td><td>no longer applicable</td></tr>
<tr><td>18.2</td><td>PAS 1.0 (18.1)</td><td>8.x</td><td>7.0.0</td></tr>
<tr><td>18.1.3</td><td>17.4</td><td>6.x</td><td>6.0.64</td></tr>
</table>
</td>
<td>• INSTALLATION: Platform Services Installation Guide
• INSTALLATION: Process Mining Installation Guide</td>
</tr>
<tr>
<td>Installation</td>
<td>platform_services</td>
<td>ⓘ Scheer PAS Process Mining will only run if the platform services have been installed and configured. The Platform Services Installation Guide explains how to do this.</td>
<td>• Process Mining Installation Guide</td>
</tr>
<tr>
<td>The user interface</td>
<td>load_all</td>
<td>The instance data for <u>all</u> analyses in the Process Analyzer will be reloaded ...

• ...when the user logs into Process Mining.
• ...when the F5 key on the keyboard is pressed whilst the user interface is open.</td>
<td>• MINING: The Process Analyzer</td>
</tr>
<tr>
<td>The user interface</td>
<td>reload</td>
<td>The instance data for <u>a single</u> analysis will be reloaded ...

• ...when an analysis filter is changed.
• ...when the axis allocation of an analysis is changed.
• ...when the ↻ button is pressed.
• ...when automatic reloading is activated.</td>
<td>• MINING: The Process Analyzer</td>
</tr>
</table>