

Load Script

The load script panel allows to create a document wide filters and predefine selections.

The filter builder on the right side can be used to add columns from your database.

Filters can be set with the following syntax: " **FILTER** "Eventlog"."Sorting" > 4"

Selections will be set like the following example: " **CLEAR SELECTIONS; SELECT PINNED** "Eventlog"."Sorting" **AS** "Sorting" > 4"; "

For more details on the use of load scripts see the [Filter](#) section.

Load scripts are [Selections](#) that are valid for the whole analysis document.

Therefore the Analysis Settings provide this load script panel.

The screenshot shows the 'Load script' panel with a text area on the left containing SQL queries and a 'Documentation' section on the right. The documentation includes instructions on how to use the filter builder, a list of valid operators, and several examples of filter and selection syntax.

Load script

```
clear selection;
select year("EKPO"."AEDAT") as "YEAR" = 2000;
select year("EKPO"."AEDAT") as "YEAR" = 2000;
select isnull("EKPO"."LOEKZ") as "NOT DELETED" = 1
```

Documentation

Select a table and column that you like to filter, to add the filter to the text area on the left.

Table

Then replace the <op> (operator) and <value> tags with the operator and value you want.
Separate multiple queries with a semicolon.

Valid options for <op> are

- ☒ equals
- ☐ != not equals
- ☐ < Less than
- ☐ > greater than
- ☐ <= less than or equals
- ☐ >= greater than or equals

Examples

Creates a filter that selects cases from the case table where caseid is 2

```
filter "case_table"."caseid" = 2
```

Creates a filter that selects cases where the caseid is 2 and creates a filter that selects cases where the activity_text contains the string 'PO'

```
filter "case_table"."caseid" = 2; filter "activity_base"."activity_text" like 'PO'
```

Creates a filter that selects cases where case_start_time is in the year 2010

```
filter YEAR("case_table"."case_start_time") = 2010
```

Creates a selection that selects cases where the values in the column SORTING are greater than 20

```
select "EVENTLOG"."SORTING" > 20
```

On the left side, you will see a text field, the **filter builder**. It can be used apply custom selections on it, using [PQL queries](#).

To help you, you can choose your tables and columns on the right side of the load script panel, using dropdown menus:

The screenshot shows the 'Table' dropdown menu set to 'EKPO' and the 'Column' dropdown menu open, displaying a list of columns. The 'STATU' column is highlighted.

Table

EKPO

Column

- STATU
- _CASE_KEY
- MANDT
- EBELN
- EBELP
- LOEKZ
- STATU
- AEDAT
- TXZ01
- MATNR
- EMATN
- BUKRS
- WERKS
- LGORT
- BEDNR
- MATKL
- INFNR
- IDNLF
- KTMNG
- MENGE
- MEINS
- BPRME
- CDUMZ



Filter syntax

On the right side of the load script panel, you can find a short tutorial as well as some examples for the filter syntax:

Examples

Creates a filter that selects cases from the case table where caseid is 2

```
#filter "case_table", "caseid" = 2
```

Creates a filter that selects cases where the caseid is 2 and creates a filter that selects cases where the activity_text contains the string 'FO'

```
#filter "case_table", "caseid" = 2; #filter "activity_table", "activity_text" LIKE "FO%"
```

Creates a filter that selects cases where case_start_time is in the year 2010

```
#filter YEAR("case_table", "case_start_time") = 2010
```

Creates a selection that selects cases where the values in the column SORTING are greater than 20

```
select "EVENTLOG", "SORTING" > 20
```

Creates a selection that selects cases where EVENTTIME is in the year 2013 and following

```
select YEAR("EVENTLOG", "EVENTTIME") > 2013
```

Creates a pinned (selection can not be removed) selection that selects cases where the throughput time between 'Source activity name' and 'Target activity name' is between 2 and 3 hours

```
select pinned Calc_THROUGHPUTTIME_SDIFFERENCE ("Source Activity Name") TO_LAST_OCCURRENCE ("Target Activity Name"), REPAIR_TIMESTAMP("table", "event_time", HOUR()) BETWEEN 2 and 3
```

Creates a pinned (selection can not be removed) selection that selects cases where USER_TYPE equals 'Batch'

```
select pinned "EVENTLOG", "USER_TYPE" = "Batch"
```