Dashboard Block

User Parameters

While filters only take into account data explicitly present in the query results, user parameters make it possible to:

- Set certain selection clauses with arbitrary values
- Offer a list of choices on arbitrary absolute values
- Create “search”-type filters
- Create “value range” or “date range” type filters



Up to 5 parameters can be defined. These parameters will inject additional variable constraints into the “WHERE” clause, depending on the choice of the dashboard's end user.

User parameter data

SQL field

Designates the database field (its non-aliased name) on which the constraint will be built.

Label

Designates the name under which the parameter will appear in the dashboard interface, for end users.

Type

The type of the constraint. This can be:

- **A choice**: presented as a radio button
- **A text**: presented as a text field and always processed according to a “LIKE” constraint. It is therefore possible to use search patterns, for example “Dur%” to look for names beginning with 'Dur'.
- **A list**: presents a choice of possible values, and is similar to a query filter, except that arbitrary values can be given for the list values.
- **A value range**: presents two text fields in which a min value and a max value can be entered. The parameter operates exclusively on numbers and includes the bounds.
- **A date**: presents a date selector
- **A date range**: combines the principle of range (min,max) and date

Values

For the 'choice' and 'list' types, lets you supply the list of values offered by the list.

Placing the parameters

For query parameterisation to work, you must insert the tag <%%PARAMS%%> in your query text. This tag must absolutely be located in a WHERE clause (or at a pinch in an ON clause of a partial join).

Credits

- Valéry Frémaux (valery@activeprolearn.com)- Development and documentation
- Florence Labord (florence@activeprolearn.com) - documentation

Back to the configuration guide index - Back to the component index - Go to the generic query catalog - Back to the plugin index - Back to the catalog

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