

# TicketQuery Wiki Macro

The TicketQuery macro lets you display ticket information anywhere that accepts [WikiFormatting](#). The query language used by the `[[TicketQuery]]` macro is described in the [TracQuery](#) page.

## Usage

### `[[TicketQuery]]`

Wiki macro listing tickets that match certain criteria.

This macro accepts a comma-separated list of keyed parameters, in the form "key=value".

If the key is the name of a field, the value must use the syntax of a filter specifier as defined in [TracQuery#QueryLanguage](#). Note that this is *not* the same as the simplified URL syntax used for `query:` links starting with a `?` character. Commas (,) can be included in field values by escaping them with a backslash (\).

Groups of field constraints to be OR-ed together can be separated by a literal `or` argument.

In addition to filters, several other named parameters can be used to control how the results are presented. All of them are optional.

The `format` parameter determines how the list of tickets is presented:

- **list** -- the default presentation is to list the ticket ID next to the summary, with each ticket on a separate line.
- **compact** -- the tickets are presented as a comma-separated list of ticket IDs.
- **count** -- only the count of matching tickets is displayed
- **rawcount** -- only the count of matching tickets is displayed, not even with a link to the corresponding query (*since 1.1.1*)
- **table** -- a view similar to the custom query view (but without the controls)
- **progress** -- a view similar to the milestone progress bars

The `max` parameter can be used to limit the number of tickets shown (defaults to **0**, i.e. no maximum).

The `order` parameter sets the field used for ordering tickets (defaults to **id**).

The `desc` parameter indicates whether the order of the tickets should be reversed (defaults to **false**).

The `group` parameter sets the field used for grouping tickets (defaults to not being set).

The `groupdesc` parameter indicates whether the natural display order of the groups should be reversed (defaults to **false**).

The `verbose` parameter can be set to a true value in order to get the description for the listed tickets. For **table** format only. *deprecated in favor of the `rows` parameter*

The `rows` parameter can be used to specify which field(s) should be viewed as a row, e.g.  
`rows=description|summary`

The `col` parameter can be used to specify which fields should be viewed as columns. For **table** format only.

For compatibility with Trac 0.10, if there's a last positional parameter given to the macro, it will be used to specify the `format`. Also, using "&" as a field separator still works (except for `order`) but is deprecated.

## Examples

Example	Result	Macro
Number of <b><u>Triage tickets:</u></b>	<b>2</b>	<code>[[TicketQuery(status=new&amp;milestone=,count)]]</code>
Number of <b>new tickets:</b>	<b>2</b>	<code>[[TicketQuery(status=new,count)]]</code>
Number of <b>reopened tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=reopened,count)]]</code>
Number of <b>assigned tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=assigned,count)]]</code>
Number of <b>invalid tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=closed,resolution=invalid,count)]]</code>
Number of <b>worksforme tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=closed,resolution=worksforme,count)]]</code>
Number of <b>duplicate tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=closed,resolution=duplicate,count)]]</code>
Number of <b>wontfix tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=closed,resolution=wontfix,count)]]</code>
Number of <b>fixed tickets:</b>	<b>0</b>	<code>[[TicketQuery(status=closed,resolution=fixed,count)]]</code>
Number of <b>untriaged tickets (milestone unset):</b>	<b>2</b>	<code>[[TicketQuery(status!=closed,milestone=,count)]]</code>
<b>Total number of tickets:</b>	<b>2</b>	<code>[[TicketQuery(count)]]</code>
Number of <b>tickets reported or owned by current user:</b>	<b>0</b>	<code>[[TicketQuery(reporter=\$USER,or,owner=\$USER,count)]]</code>
Number of <b>tickets created this month:</b>	<b>0</b>	<code>[[TicketQuery(created=thismonth..,count)]]</code>
	<b>0</b>	<code>[[TicketQuery(status=closed,keywords~=firefox,count)]]</code>

`[[TicketQuery]]`

Example	Result	Macro
Number of closed Firefox tickets:		
Number of closed Opera tickets:	0	[[TicketQuery(status=closed,keywords~=opera,count)]]
Number of closed tickets affecting Firefox and Opera:	0	[[TicketQuery(status=closed,keywords~=firefox opera,count)]]
Number of closed tickets affecting Firefox or Opera:	0	[[TicketQuery(status=closed,keywords~=firefox opera,count)]]
Number of tickets that affect Firefox or are closed and affect Opera:	0	[[TicketQuery(status=closed,keywords~=opera,or,keywords~=firefox,count)]]
Number of closed Firefox tickets that don't affect Opera:	0	[[TicketQuery(status=closed,keywords~=firefox -opera,count)]]
Last 3 modified tickets:	No results	[[TicketQuery(max=3,order=modified,desc=1,compact)]]
Details of ticket #1:		[[TicketQuery(id=1,col=id owner reporter,rows=summary,table)]]
	<u><b>Ticket</b></u> <u><b>Owner</b></u> <u><b>Reporter</b></u>	

## Format: list

```
[[TicketQuery(version=0.6|0.7&resolution=duplicate)]]
```

This is displayed as:

No results

```
[[TicketQuery(id=123)]]
```

This is displayed as:

No results

## Format: compact

```
[[TicketQuery(version=0.6|0.7&resolution=duplicate, compact)]]
```

This is displayed as:

No results

## Format: count

```
[[TicketQuery(version=0.6|0.7&resolution=duplicate, count)]]
```

This is displayed as:

0

## Format: progress

```
[[TicketQuery(milestone=0.12.8&group=type, format=progress)]]
```

This is displayed as:

## Format: table

You can choose the columns displayed in the table format (`format=table`) using `col=<field>`. You can specify multiple fields and the order they are displayed by placing pipes (`|`) between the columns:

```
[[TicketQuery(max=3, status=closed, order=id, desc=1, format=table, col=resolution|summary|owner|repo
```

This is displayed as:

<u>Ticket</u>	<u>Resolution</u>	<u>Summary</u>	<u>Owner</u>	<u>Reporter</u>
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No tickets found

### Full rows

In *table* format you can specify full rows using `rows=<field>`:

```
[[TicketQuery(max=3, status=closed, order=id, desc=1, format=table, col=resolution|summary|owner|repo
```

This is displayed as:

<u>Ticket</u>	<u>Resolution</u>	<u>Summary</u>	<u>Owner</u>	<u>Reporter</u>
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No tickets found

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See also: [TracQuery](#), [TracTickets](#), [TracReports](#)