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Can I include Satisfaction survey results in my reports?

Ben Henley - 2023-08-01 - [Komentarz \(1\)](#) - [Reports](#)

You can retrieve satisfaction ratings in your own custom reports. For historical reasons the table that stores ratings is called `ticket_feedback` (but note that the satisfaction rating system is a completely separate concept from the Feedback section on the portal).

Field Name	Data Type
<code>date_created</code>	<code>datetime</code>
<code>id</code>	<code>number</code>
<code>message</code>	<code>string</code>
<code>message_id</code>	<code>number</code>
<code>person_id</code>	<code>number</code>
<code>rating</code>	<code>number</code>
<code>person</code>	<code>Person</code>
<code>ticket_id</code>	<code>number</code>
<code>ticket</code>	<code>Ticket</code>
<code>ticket_message</code>	<code>Ticket Message</code>

The possible values of rating are 1 (positive), 0 (neutral), -1 (negative). Here's a simple example report:

```
SELECT ticket_feedback.id, ticket_feedback.rating
FROM ticket_feedback
WHERE ticket_feedback.ticket.date_resolved = %LAST_MONTH%
SPLIT BY ticket_feedback.ticket.agent
```

Here's a more advanced report which shows how many of each rating each agent received last month:

```
SELECT DPQL_COUNT ( ) AS 'NUMBER'
FROM ticket_feedback
WHERE ticket_feedback.ticket.date_resolved = %LAST_MONTH%
SPLIT BY ticket_feedback.ticket.agent
GROUP BY ticket_feedback.rating
```

The below report gives you access to the ratings and comments left:

```
SELECT ticket_feedback.id, ticket_feedback.date_created, ticket_feedback.rating,
ticket_feedback.message
FROM ticket_feedback
WHERE ticket_feedback.ticket.date_resolved = %LAST_MONTH%
SPLIT BY ticket_feedback.ticket.agent
```

Finally the report below gives you a matrix table containing a count per rating per agent. Note this uses the ticket messages table in the GROUP BY and WHERE clauses. This is because if we used the tickets field, if the agent was then changed after the satisfaction response was received, the satisfaction feedback would be assigned to the current ticket assignee.

```
SELECT DPQL_COUNT() FROM ticket_feedback

WHERE ticket_feedback.date_created = %LAST_MONTH%

AND ticket_feedback.ticket_message.person.is_agent = 1 GROUP BY
DPQL_MATRIX(REPLACE(REPLACE(REPLACE(ticket_feedback.rating, '-1', 'Negative'), '0',
'Neutral'), '1', 'Positive'), ticket_feedback.ticket_message.person)
```

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Komentarz (1)

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Another example Deskpro assisted with... Title: Ticket Satisfaction <1:date group, default: this_month> Query:
DISPLAY TABLE SELECT COUNT() AS 'Number' FROM ticket_feedback WHERE
ticket_feedback.ticket.date_created = %1:DATE_GROUP% SPLIT BY ticket_feedback.ticket.agent GROUP BY
REPLACE(REPLACE(REPLACE(ticket_feedback.rating, '-1', 'Negative'), '0', 'Neutral'), '1', 'Positive') AS 'Rating'