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How do I run a report showing ticket activity grouped by agent and department?

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To create a log of all ticket activity within a given timeframe, grouped by both agent and department, you can generate the following report.

This report will reveal a list of departments, agents within them, tickets each agent has interacted with, and the time of those interactions.

To generate this report, input the following into the query builder when using the reports interface:

1. Go to: **Reports > Stats**
2. Click + Create Statistic
3. Enter Title
4. Click the RAW DPQL tab
5. Copy and paste the following code
6. Click Save

DISPLAY TABLE

```
SELECT tickets_logs.date_created
FROM tickets_logs
WHERE tickets_logs.person.is_agent = 1 AND
tickets_logs.action_type IN ('ticket_created',
'message_created', 'changed_agent', 'changed_agent_team')
AND tickets_logs.date_created = %1:DATE_GROUP%
GROUP BY tickets_logs.person.primary_team AS 'Team',
tickets_logs.person AS 'Agent', tickets_logs.ticket.id AS
'Ticket ID'
ORDER BY tickets_logs.person.name ASC
```

The screenshot shows the Zendesk Stats interface for creating a new report. The left sidebar displays various stats categories with their counts: MY STATS (SLA: 1, Satisfaction: 1, Unsorted: 12, Voice: 4, knowledgebase: 4), and BUILT-IN STATS (Agents: 7, Approvals: 3, Billing: 16, CRM: 2, Community: 6, Knowledgebase: 7, Messenger: 5, SLA: 3, Tickets: 50, Voice: 18). The main area is titled 'New Stat' with a 'Ticket Activity' title. It includes a 'DISPLAY TABLE' section with the following DPQL query:

```
SELECT tickets_logs.date_created
FROM tickets_logs
WHERE tickets_logs.person.is_agent = 1 AND tickets_logs.action_type IN ('ticket_created', 'message_created', 'changed_agent', 'changed_agent_team') AND tickets_logs.date_created ~ %1:DATE_GROUP%
GROUP BY tickets_logs.person.primary_team AS 'Team', tickets_logs.person AS 'Agent', tickets_logs.ticket.id AS 'Ticket ID'
ORDER BY tickets_logs.person.name ASC
```

There is a 'Save' button at the bottom right.

This set of queries will include the agent activity listed in the WHERE clause, like 'message_created' for example. If you'd like to expand or change the actions that are captured by the report, refer to our [DPQL Field Reference](#).