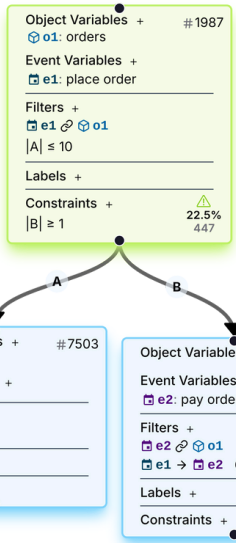
OCPQ

Object-Centric Process Querying

OCPQ is a framework and graphical tool for querying object-centric process data. It overcomes the limitations of traditional case-centric process querying by allowing for flexible, expressive queries on arbitrary combinations of objects and events. Even complex queries can be built visually - no code required.

Visual Query Editor

Model complex queries in a visual tree structure. Add object and event variables, as well as filters to define the combinations of objects and events you want to query.



Lightning-Fast Execution

The OCPQ backend, written in Rust, is optimized for speed. Query execution is parallelized, leading to fast performance even on larger datasets.

Constraints & KPIs

Easily check constraints or add KPI labels. Calculate KPIs, like total order volume, and use them to annotate your query results.

Export & Integrate

Explore query outputs directly in the tool or export them as CSV or XLSX files, e.g., as input for machine learning techniques. OCPQ also supports filtering and exporting object-centric event logs.

Interested in...
- a case study
- extending OCPQ for your use case

or have any other questions or concerns? Feel free to reach out!

ocpq.aarkue.eu

FREE & OPEN SOURCE
DOWNLOAD NOW

github.com/aarkue/OCPQ

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Chair of Process and Data Science

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