CAMUNDA
COMMUNITY
SUMMIT
2021
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Session Notes:

<Session 1>
Topic: Best Practices for Handling Data in Processes
Moderator: Simon Zambrovski

Interesting Notes:

- Link to the concept board: https://app.conceptboard.com/board/y6f5-d6db-isto-k1sa-sm7n (Password: Camunda2021!)

  There is not a way to generically define it. The common approach with storage of business and process data in a reference approach is to have it in the same DB.

(Holisticon) has a Camunda schema applied and in the same DB they have additional tables.

The advantage of that is if you use transactional DBs, you have one transaction that means process and data are flashed in the same transaction. Can see process is valid and data is, like to combine in the same DB.

Process data loading strategies:

Full:
- Load all data and store it in process variables
- All data available for delegates
- Snapshot of the data

References only:
- Work only w/references
- Data must be loaded via reference
- Data is in-sync

Flat variables:
- Many
- Only some predefined types
- No serialization problems

Rich Objects:

- Fewer variables
- Synchronization matters

Camunda rule of thumb: Don't overload the process engine with data.

High-Level Takeaways:

1) Use constants and data accessors
2) Don't overload the process with data
3) Need typecasting in accessor
4) If you need auditing functionality, it is up to you to build your own.
5) You define your milestones.