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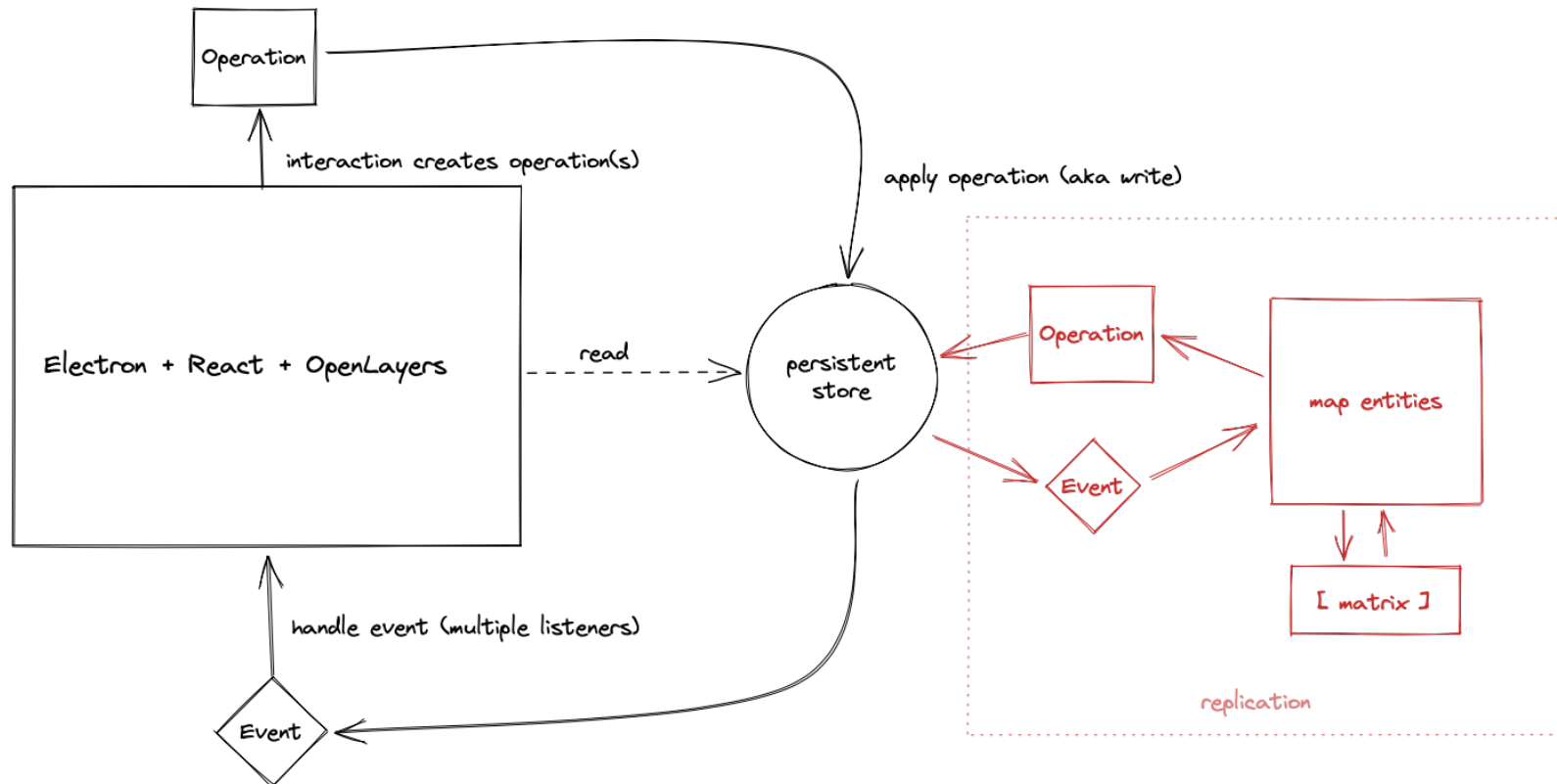
What is ODIN?

- **Open Source Command and Control Information System (C2IS)**
- **Supports the Military Decision Making Process**
- **Uses MilStd-2525C Symbols**
- **Very easy to use!**

Replication

- **Offline-first strategy**
- **ODIN v0.x supports export/import GeoJSON files**
- **ODIN v2 (will be released in Q3/2022) will use [matrix]**
 - **Do not re-invent the wheel**
 - **Open Source**
 - **E2E encryption (we replicate potentially classified information)**
 - **Entities like spaces and rooms are a good match to our entities (project <> space, layer <> room)**

Internal architecture



TODOs

- Read-only rooms for plans & orders
- E2E encryption
- Snapshots for faster recovery
- Handle conflicts if users changes features while offline

- Solving the same problem?
 - <https://github.com/YousefED/Matrix-CRDT>
Conflict-free Replicated Data Types for [Matrix]
 - <https://github.com/toger5/TheBoard>
A collaborative Whiteboard powered by the [Matrix] protocol and infrastructure



Demo

Get in touch!

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Slack: odin-c2is.slack.com

[matrix] 😊

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