

REC TC Meeting Minutes

February 1, 2022

Attendance:

- Karl Hammar (chair)
- Erik Wallin
- Peter Hartlev
- Chris Bupp
- Per Karlberg
- Joakim Eriksson

Absent

- Chris Bupp
- Per Karlberg
- Joakim Eriksson

Housekeeping

1. Edge message schema – status?
 - a. **Prior decision:** The Edge message format should not block REC4 GA
 - b. **Prior decision:** Inclusion of incomplete Edge API in GA release to be decided closer to release.
 - c. **Prior decision:** Erik will find resources to get this done. Otherwise we release with the known issue that the edge schema is not updated.
 - d. **Decision:** Won't ship with 4.0. Release notes will indicate this to be fixed in 4.0.1 or 4.1.

Open issues 4,0

- [Inconsistency in sensors · Issue #224 · RealEstateCore/rec \(github.com\)](#)
 - Closed with merge of [Implemented Absolute/Relative humidity sensor lastKnownValue by hammar · Pull Request #225 · RealEstateCore/rec \(github.com\)](#)
- [Digital Twin Graph creation error from guide · Issue #218 · RealEstateCore/rec \(github.com\)](#)
 - Tutorial docs need to be updated post REC4 GA. Who?
 - **Decision:** Peter Hartlev to update these docs post-GA.
- [Not possible to extend the options in an enum-property? · Issue #217 · RealEstateCore/rec \(github.com\)](#)
 - Wontfix?
 - **Decision:** Close as won't fix (out of scope).
- [Extending ontology creates double properties · Issue #214 · RealEstateCore/rec \(github.com\)](#)
 - Not a REC problem but an ADT Explorer one. Keep or close?

- **Decision:** Close as won't fix (out of scope). Karl will reconnect with the ADT Explorer team to raise this issue again.
- [hasPoint missing for Blind_Group · Issue #211 · RealEstateCore/rec \(github.com\)](#)
 - More of a discussion. Proposed solution: use a controller twin rather than a collection, add points to the controller. Close after [Porting of REC 3.3 ICT Equipment by PeteHart · Pull Request #229 · RealEstateCore/rec \(github.com\)](#).
 - **Decision:** Close with merge of PR #229.
- **4.1 issues for later:**
 - [rec:substance · Issue #151 · RealEstateCore/rec \(github.com\)](#)
 - [Implement Bookings · Issue #55 · RealEstateCore/rec \(github.com\)](#)
 - [Implement ESG Certification module · Issue #33 · RealEstateCore/rec \(github.com\)](#)
- **Notes:**
 - For REC 4.1+ we will need support for water heating scenarios (including loops that feed spaces) – either through upstream updates to Brick, or by some (optional?) Brick extensions in REC4.1+.

Open pull requests

- [Implemented Absolute/Relative humidity sensor lastKnownValue by hammar · Pull Request #225 · RealEstateCore/rec \(github.com\)](#)
 - Makes all sensor observation components rather than properties (for consistency across semantically and non-semantically typed values)
 - Orders Properties and Semantic types correctly for ADT Explorer consumption.
 - **Decision:** Peter will review to catch errors. Provided no major issues, merge is greenlighted. Timeframe: review within one week.
- [Fix statements about qudt:hasQuantityKind by ektrah · Pull Request #226 · RealEstateCore/rec \(github.com\)](#)
 - Breaks out imported RDF statements (i.e., QUDT and GeoJSON) into separate file, for cleaner separation of REC and dependencies. Only concerns SHACL models.
 - **Decision:** Merge is greenlighted.
- [Porting of REC 3.3 ICT Equipment by PeteHart · Pull Request #229 · RealEstateCore/rec \(github.com\)](#)
 - Feature-wise practically complete, some comments to maybe address.
 - Note parallel workstream in Brick. Ship anyway?
 - **Decision:** Additional reviewing in TC carried out at call (thanks Peter!).
 - **Decision:** Karl to review last minute adjustments in accordance with above review.
 - **Decision:** PR to be merged within one week.
- **Overall decision:** REC TC greenlights REC 4 release when the above three PRs are merged, within one week. Karl is authorized to proceed with the release process.