

REC TC Meeting Minutes

November 7, 2022

Attendance:

- Karl Hammar (chair)
- Erik Wallin
- Peter Hartlev
- Per Karlberg

Absent

- Joakim Eriksson

Housekeeping

1. Membership roster TC
 - a. Outstanding actions:
 - i. Karl to find active participants in repo
 1. **DECISION:** Karl will reach out to Chris Bupp and ascertain his or his company's interest in joining REC and TC (preferably full membership, adjunct TC membership also an option).
 - ii. Karl to check with Joakim about RISE participation
 1. **STATUS:** Karl checked. We are waiting on RISE getting back to us.
2. API definitions – status?
 - a. Outstanding actions:
 - i. Karl will contact Per to follow up on progress on the Edge API
 1. **STATUS:** No blockers remain, we just need to get it done.
 2. **DECISION:** The Edge message format should not block REC4 GA
 3. **DECISION:** Inclusion of incomplete Edge API in GA release to be decided closer to release.

Open issues

Short term

- lastKnownValue as Component, enabling Semantic Types.
 - Continuation of discussion at <https://github.com/RealEstateCore/rec/discussions/152> and decision from last REC TC
 - Solution suggestion: <https://github.com/RealEstateCore/rec/commit/99610314c31719ac04b22050ddce0d29aeff64b2>

- This will also affect and possibly resolve <https://github.com/RealEstateCore/rec/issues/37> – Actuation/Observation models (since REC3.3, but discussion worth having also about REC4 types)
- **DECISION:** Karl will implement a PR based on this design and we'll fast-track that for merge via email thread shortly.
- <https://github.com/RealEstateCore/rec/issues/150> – Generic “owns” relationship instead of Architecture.ownedBy? More generally, resolve the initiated targeted-/non-targeted Relationships discussion
 - **DECISION 1:** We will allow open-ended relationships but discourage their use unless very clear business need exists; to be used sparingly.
 - **DECISION 2:** Documentation generator will be updated to display such open-ended relationships targeting for every class page.
 - **DECISION 3:** Agent.owns is in this category that we allow and will implement
- <https://github.com/RealEstateCore/rec/issues/151> – Substance-on-feeds not being formally correct OWL/SHACL-wise
 - **STATUS:** no further decision needed, just need to resolve. Karl needs to take the time.

Longer term

- General suggestion: drop or shift to REC4.1+ those feature issues for which no one steps up prior to REC4 GA (i.e., immediately). So:
 - **DECISION:** ADD wishlist of future areas/features to dev site, and communicate via GitHub + Gitter + other venues
 - <https://github.com/RealEstateCore/rec/issues/103> – Update alignments to other models
 - **DECISION:** DROP
 - <https://github.com/RealEstateCore/rec/issues/13> – Update Lease semantics (additional details re. customer preferences, profiles, etc)
 - **DECISION:** DROP
 - <https://github.com/RealEstateCore/rec/issues/32> - Streaming API standardization
 - **DECISION:** DROP
 - <https://github.com/RealEstateCore/rec/issues/38> – Device configuration (allowable values/configurations, etc)
 - **DECISION:** DROP
 - <https://github.com/RealEstateCore/rec/issues/55> – Implement Bookings
 - **DECISION:** 4.1+
 - <https://github.com/RealEstateCore/rec/issues/33> - ESG certification module
 - **DECISION:** 4.1+
 - <https://github.com/RealEstateCore/rec/issues/11> – Energy modeling (processes, metering, etc – needed and if so which point release?)
 - **DECISION:** DROP
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- <https://github.com/RealEstateCore/rec/issues/36> – Annotations module (i.e., custom properties support for representing arbitrary business data in graph).
 - Question: Are marker and value tags sufficient?
 - If not: proposition: drop in accordance w/ above
 - **STATUS:** This need still exists and is expressed by Idun, Willow, etc.

- **DECISION:**
 - Karl will set up a 1-hour workshop to define this metadata need and resolve the issue. Invited: Idun (Per or Erik), Willow (Rick Szcodronski), Peter, Karl

Open pull requests

Short term

- <https://github.com/RealEstateCore/rec/pull/158> – Georeference
 - **DECISION:** Postpone to next TC call
 - **DECISION:** TC to individually review this discussion and their own needs by next TC call.
 - **DECISION:** Set up a workshop on georeferences/geometries
 - Invite REC TC + Chris Bupp + Ludvig?
- <https://github.com/RealEstateCore/rec/pull/177> - REST API
 - Missing: verification of endpoints
 - “Point instances” - Actuation/Observation/Exception, etc.
 - **STATUS:** API is logically done, endpoint verification needed
 - **DECISION:** TC will audit endpoints shortly, converse per email or by comments on PR
- <https://github.com/RealEstateCore/rec/pull/178>
 - Shortened path lengths using substring matching
 - **DECISION:** OK to merge

Other business

DECISION: HVAC representation issue still open: Peter to surface discussion via email and Karl and/or Peter to call for a workshop to resolve the remaining open issues.