

OEO Developer Meeting #10

* <https://etherpad.wikimedia.org/p/oeo-dev-10>

Date:

* https://dudle.inf.tu-dresden.de/oeo-dev_10/

* 2020-10-14 14:00 - 18:00

Participants: Kevin, Vera, Lukas, Carsten, Hannah, Ludwig, Christian-RLI, Michaja, Patrick, Johannes, Simon, Meisam, Janna, Anna

* moderator: Ludwig

* main reporter: @ALL (+ Hannah puts documents in place)

* next meeting organisier: @ALL + Christian

Preparation:

* Read last protocol:

<https://github.com/OpenEnergyPlatform/ontology/wiki/OEO-developer-meetings>

* Check issues for next release:

<https://github.com/OpenEnergyPlatform/ontology/milestones>

* Read and improve dev meeting plan documentation:

<https://github.com/OpenEnergyPlatform/ontology/wiki/oeo-dev-meeting-plan>

Subjects:

* OEO Paper auf der EMP-E @Patrick

* Split the paper in two parts for 2 different audiences: one for ESA @EMP-E 30.11.2020 / one for the semantic web community @ESWC (European Semantic Web Conference) Resources track

* Deadlines for submissions:

* ESWC Dec 11 (abstract) / Dec 18 full

* contributors:

* OVGU team, incl. Till, Simon,

Anna, Janna, Fabian?, Martin?, Meisam?

* Lukas

* Johannes

* Hannah (limited dedicated

input possible)

* Ludwig, Christian

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<https://www.overleaf.com/7552195851sjwbsjjdxgcp>

* EMP-E 03.11.2020

* contributors:

* Carsten (and DLR Team),

probably Ulrich

* FZJ Team: Patrick, Leander,

Martin, Kevin

* Lukas

* Hannah (limited dedicated

input possible)

* Ludwig, Christian

* Vera

* Janna can input if needed

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<https://www.overleaf.com/6874176969srssxcpstmmms>

- * Doodle link for next week @LH

- * confirmation for EMP-E already received that submission is possible

- * Do we agree this division is sensible to submit 2 different papers?

- * yes: 9 / no: 0 / na: ?

- * How to organise the work

- * most needs to happen in parallel

- * OEO-dev orga:

<https://github.com/OpenEnergyPlatform/ontology/wiki/oEO-dev-meeting-plan@Ludwig>

- * Link above describes the whole process on how to organise and document the meetings.

- * Jour fixe: yes: 8 / no/na: 0

- * Rythm: 2nd wed / Month yes: 8 / no/na:0

- * Fix section :

<https://github.com/OpenEnergyPlatform/ontology/wiki/oEO-dev-meeting-plan#create-an-appointment-poll> @LH

- * OEO release team @Lukas

- * Team of several people who can act as needed as releases come about, meaning also make appropriate decisions such as delaying release or moving issues

- * Have also at least one ontology expert in the team

- * <https://github.com/OpenEnergyPlatform/ontology/milestones>

- * Rolling change of responsibilities

- * Team: max. 4 persons so team can react quickly, should be

"git-fluent"

- * Lukas, Simon, Mirjam (absent today, tbc), eine LOD

person

- * OEO Code of conduct @Ludwig, Hannah

- * Do we need a code of conduct to communicate in OEO development - including meetings and github discussions?

- * Some examples that may inspire us:

- * non-violent communication:

https://en.wikipedia.org/wiki/Nonviolent_Communication

- * github communication guidelines:

<https://docs.github.com/en/free-pro-team@latest/github/site-policy/github-community-guidelines#building-a-strong-community>;

- * contributor covenant:

<https://www.contributor-covenant.org>

- * Mozilla:

<https://medium.com/mozilla-open-innovation/how-were-making-code-of-conduct-enforcement-real-and-scaling-it-3e382cf94415>

- * ACHTUNG: wir wollen open sein, Enforcement von Konsequenzen problematisch

- * Suggestions for communicating non-violently - basic rules for respectful communication - specifically for cases where a discussion "heats" up.

- * Observation: data & facts (e.g. I see you have defined A to be so)

- * Feeling: observe and name (e.g. I think there may be a different/better way to do so)

- * Need: observe and name (e.g. I think we could

define of A to be so and so.)

- * Request: ask to fulfil need (e.g. Would you agree?)

- * Add to the contribution file.

- * Examples of how to communicate and to cool down

discussions, good and bad practice examples

- * Yes: 10 no/na: 0

- * Discussion limits: Maybe it is a good idea to define an upper limit like 30 comments, after which an issue should be discussed in a dev meeting as it got too complex? @Anna?

- * Do summaries in the first comment

- * Observation: If the issue is not clear (what is discussed?) it needs more comments..

- * Do not rename issue title after discussion

- * Issues for next release with label "oeo dev meeting":

<https://github.com/OpenEnergyPlatform/ontology/issues?q=is%3Aopen+is%3Aissue+label%3A%22oeo+dev+meeting%22+milestone%3Aoeo-release-1.2.0>

- * time steps (#267)

<https://github.com/OpenEnergyPlatform/ontology/issues/267>

- * time series | time step (has part some start time and has part some ending time) or

- * (has part some time stamp and has part some duration and has part some (time stamp) alignment)

TimeStep: A TimeStep is a temporal region (?) stating the time between two calculations or measurements made.

TimeSeries: A TimeSeries is a data set storing data indexed by time.

TimeHorizon: A TimeHorizon is a temporal region (?) stating a specific point in time at which specific events will be reviewed or should end.

StartTime:

EndingTime / EndTime:

TimeStamp: A time stamp is a zero-dimensional temporal region that is used to describe a time series.

Duration:

(TimeStamp)Alignment: An alignment is a data descriptor that indicates the position of a time stamp in a time series.

Individuals: start alignment (syn. left), middle alignment (syn. centre), end alignment (syn. right)

Aggregation: will be discussed in a new issue

it can't be a role, processes can't have roles
time stamp as subclass of zero-dimensional region

We need to rediscuss to concepts of start and end time, because if a zero-dim temporal region is a start and an end time, we can't distinguish between these anymore. Object properties would be better.

- NB: It is not clear if the current definitions supports only specific time steps (and thus series) that are fixed in time (e.g. October 14 2020), or also generic time steps (and thus series) that are "floating" in time (like the second Wednesday of the month) which are needed for synthetic ("typical") load curves and some such. This hinges on the realisation/implementation of one-dimensional temporal region (is it fixed or does it float), on which the

ontology is silent.

* load and demand (#140)

<https://github.com/OpenEnergyPlatform/ontology/issues/140>

A load profile is a time series that describes the energy input an energy converting device. (Alternative term: load curve)

An electric load profile is a load profile that describes the electrical energy input of an energy converting device. (Alternative term: electric load curve)

A thermal load profile is a load profile that describes the thermal energy input of an energy converting device. (Alternative term: thermal load curve)

electrical load: the consumption of electrical energy/ power

heat load: the consumption of heat/ thermal energy

load profile: a time series that contains (the temporal development of?) consumption data

standard load profile: a load profile that indicates a representative and simplified load development for a specific (aggregate of) consumers

measured load profile: a load profile containing measured data

synthetic load profile: a load profile containing artificially created data

keep: consumption - The process of using something and thereby reducing its amount (oeo-social?)

keep: demand - A realizable entity that is characterized by a person, organisation or object needing it for a specific purpose. (oeo-social?)

move to separate issue:

load - Leistung (load is "Last", "Leistung" is power)

* potentials (#481)

<https://github.com/OpenEnergyPlatform/ontology/issues/481>

* spatial regions (#475)

<https://github.com/OpenEnergyPlatform/ontology/issues/475>

* content descriptor (#82)

<https://github.com/OpenEnergyPlatform/ontology/issues/82>

Take Aways:

- * One morning of preparation is not enough for a good preparation (LH)
- * Die Issues lieber kleiner halten
- * Ein Konzept pro Issue, nicht auf den Begriff festschießen
- * CoC wurde generell