oemof
[ˈɔːməf]
open energy modelling framework

Simon Hilpert (ZNES, Flensburg)
News

- Release of v0.1.0 in November 2016

The great revision

uvchik released this on 1 Nov 2016 · 314 commits to master since this release

We proudly present the totally revised version of oemof 💥

Now oemof is more flexible, better documented and ready to join for new contributors and users.

- Easy and flexible parametrisation (e.g. all parameters can be scalars and time series)
- Extensive grouping functionality for automatic creation of constraints based on component input data
- BinaryFlows to represent load ranges or up- and downtime restrictions etc. (MILP)
- DiscreteFlows to force flows to integer e.g. for discrete power blocks (MILP)
- Adding of additional constraints (e.g. connecting two flows)
News

- **Latest release v0.1.4**
  - Improved tests
  - Transformer with variable fraction between outputs and multiple inputs
  - Speed up of constraint building process

- **Current developments**
  - Simplification of the process of adding own constraints and components to an application
  - New Outputlib features (e.g. Network graph) for more convenient usage
  - Solph mixin classes
  - Improving the data model (examples from openmod.sh)

- **Add your own changes by creating a PullRequest on github**
Keep in touch

- **New website** oemof.org as central information platform with all relevant news and overview of oemof libraries and applications

- **Oemof user meeting**
  - May 9/10 at the Reiner Lemoine Institute in Berlin
  - Connect with users and developers
  - For programme see website
  - Registration still possible (so far 24 registrations from 11 institutions)
Thanks for listening – Any questions?

Simon Hilpert, M.Eng.
simon.hilpert@uni-flensburg.de
+49 (0)461 805 3067

Other developers via website:
www.oemof.org/contact