IBPSA project 1 expert meeting
October 18th, 2021

IDEAS updates

IDEAS

OpenIDEAS

An open framework for integrated building and district energy simulations

- Stable, focus on maintenance

- Features and upgrades since last meeting:
  - Release 2.2 (June 2021)
    - IBPSA merge
    - Interzonal airflow integration (presented earlier)
    - BOPTEST emulators
    - n50 default changed
    - New weather file
    - IDEAS.Examples.Tutorial (part of crash course)
  - Hotfix 2.2.1: weather data reader incompatibility fix

Mechanical Engineering, Thermal System Simulations (The SySi)

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IDEAS

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- On-going development:
  - OpenModelica compatibility

- Planned development:
  - Support for Modelon impact
  - Buoyancy-driven interzonal airflow
  - MSL 4.0 compatibility?

- Development lead:
  - Currently: Filip
  - After February: no candidates yet to take up this role

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