

oemof - open energy-system modelling framework

Software Community Project of RLI and ZNES

Uwe Krien, Guido Pleßmann
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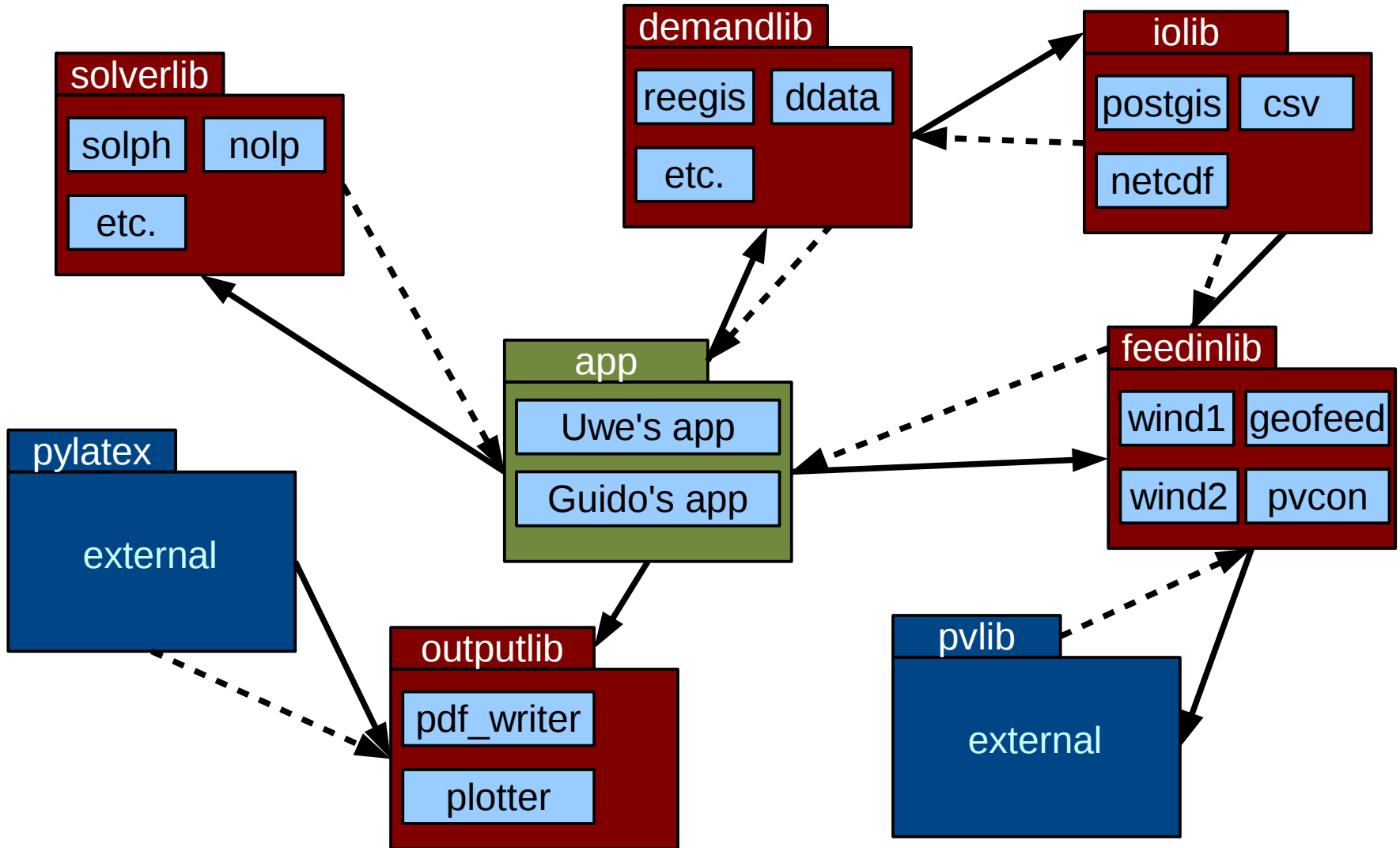
Scientific discussion about energy system models is still sluggish

- Closed source code
- Barly documented source code

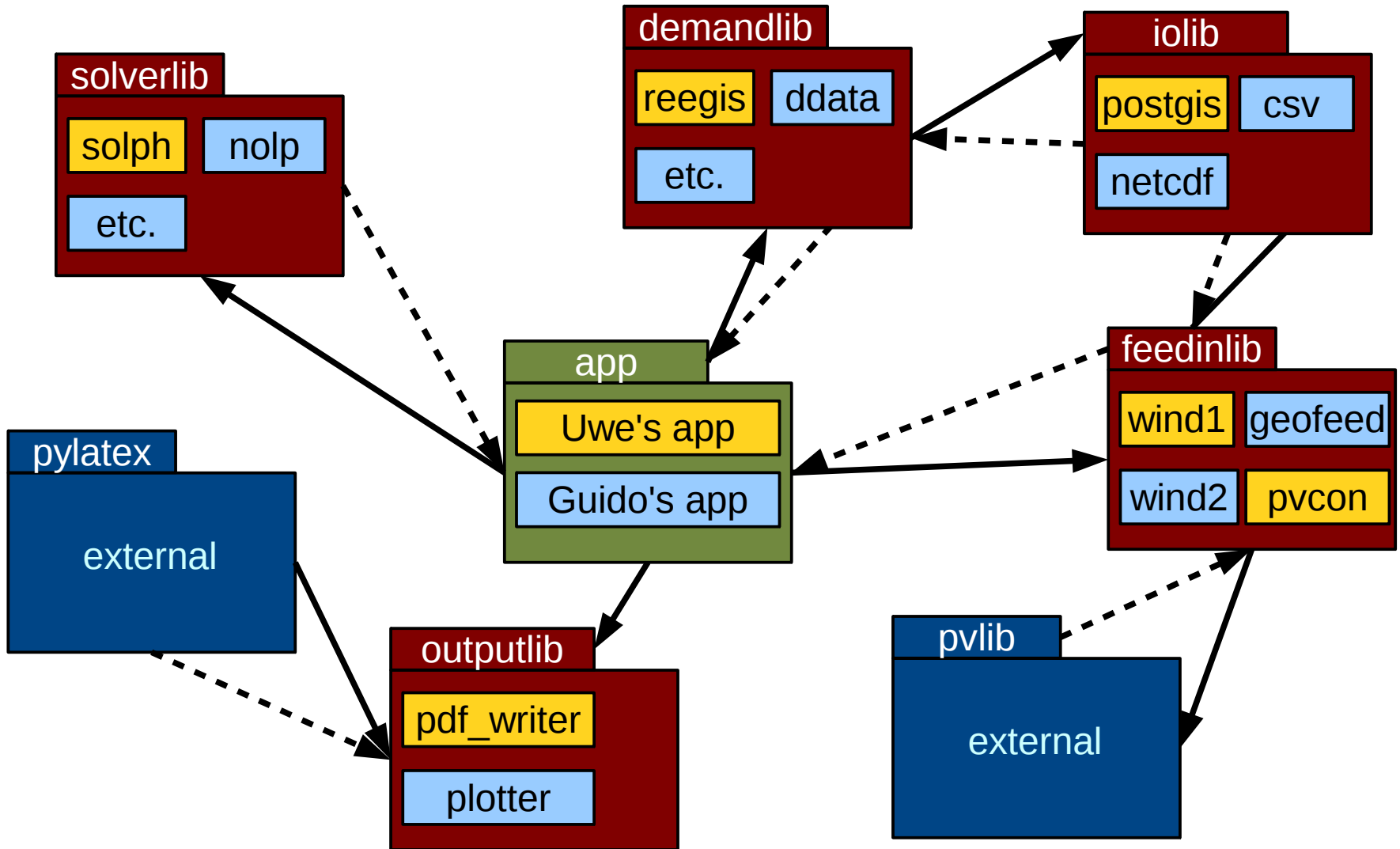
Open and community based developing of an energy model

- Modular structure and open to new approaches
- Communication and documentation structure is part of the project
- Good testing policy (function and correctness)
- Low entry barriers for new members, no commercial licenses

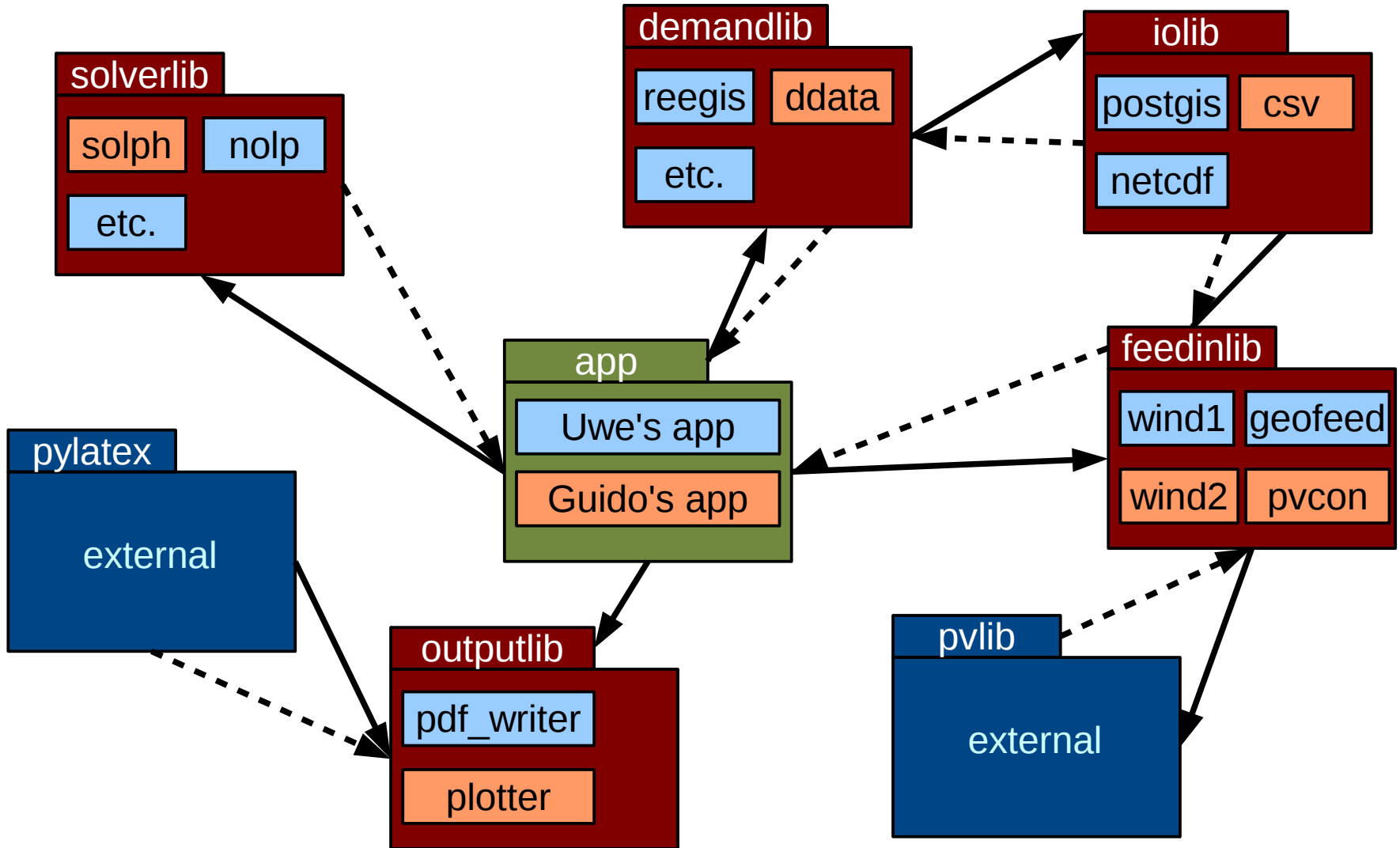
The framework concept



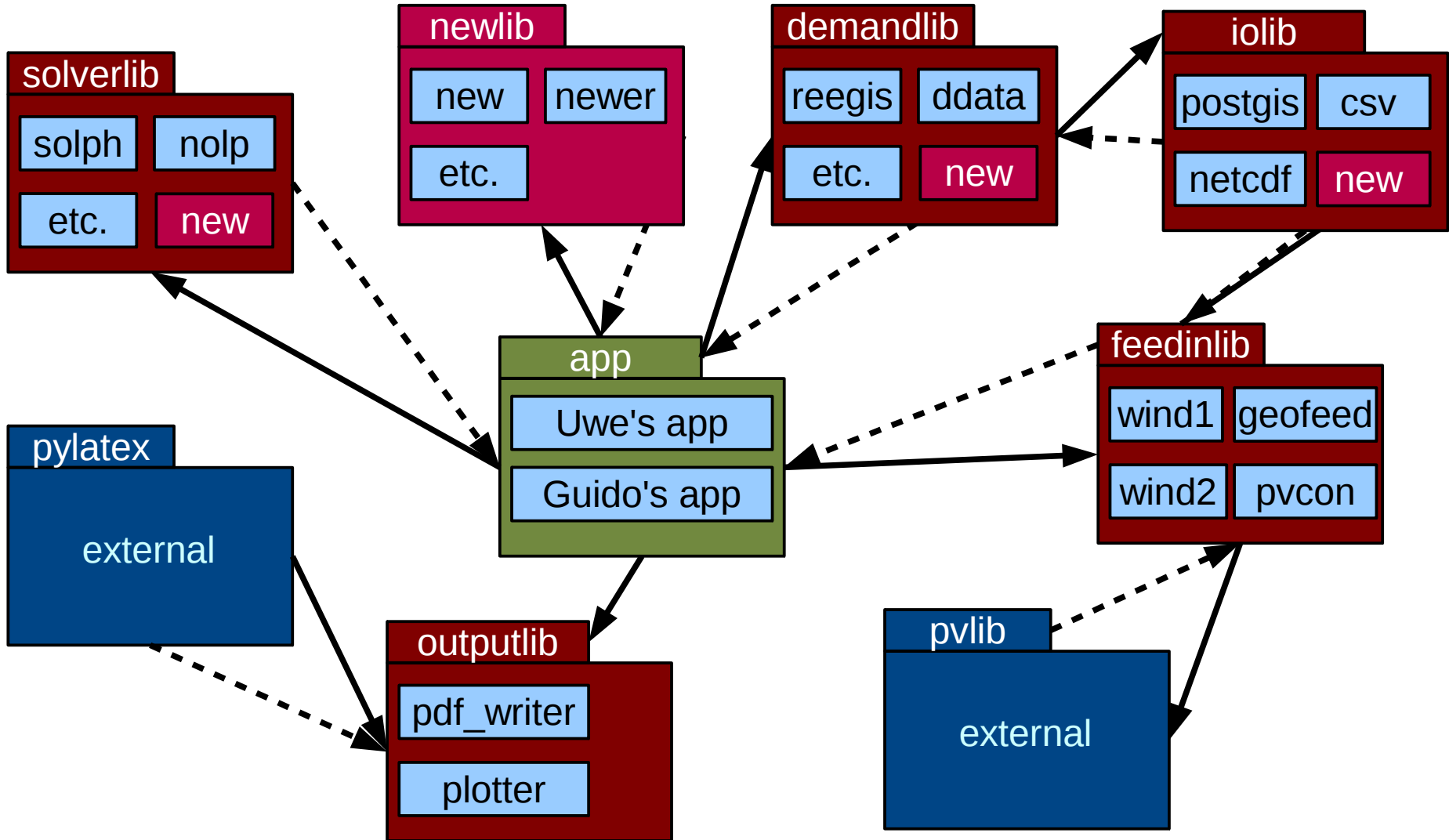
The framework concept



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The framework concept



Community projects in the development of energy models can bundle the activities of different groups and increase the transparency of the scientific discourse.

The main challenges of community projects are to lower the entry barriers for new members and to keep the code open and flexible.

Communication and documentation is extra work but in the long run community projects are more extensive and stable.

oemof developing group of ZNES and RLI

http://www.rl-institut.de/en/research/optimised_systems/oemof

<http://www.enerpymodelling.de/>

