

PyMOR: Producing CMOR Conform Model Outputs

Aims and Workshop Outline

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Aims

By the end of this workshop, we hope you...

- ...have installed our Python CMOR tool, pymor.
- ...know the sections of a pymor configuration file.
- ...can define rules to select which of your NetCDF files to process.
- ...can dispatch those NetCDF files through one or more processing pipelines.
- ...can define custom steps for any specific functionality pymor doesn't provide.
- ...have worked with pymor and some of your own data.
- ...know how to get in touch with us to contribute, report bugs, ask for features.
- ...had some fun! :-)

Outline

- **Greetings and Logistics** (Paul)
- What is PyMOR? (Pavan)
- Installation Check (Paul)
- Basic Syntax (Paul)
- Unit Conversions (Pavan)
- Dimensionless Unit Mappings (Pavan)
- Time Span for Output Files (Pavan)
- Time Averaging (Pavan)
- Timestamps in Output Files (Pavan)
- Controlling Compute Resources (Paul)
- Understanding Pipelines & Custom Steps (Paul)
- Multi-Input Variables (Paul)
- PyFESOM (Paul — optional)
- Try PyMOR with your Data