

Convenient data access with ESMValTool

Bouwe Andela

b.andela@esciencecenter.nl

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ESMValTool – collection of recipes for climate data analysis

ESMValCore – framework to run those recipes

Tutorial: https://esmvalgroup.github.io/ESMValTool_Tutorial/

Documentation: <https://docs.esmvaltool.org>

Development: <https://github.com/ESMValGroup/>

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Current features:

- Variables and models are specified using the convenient [recipe](#) format
- Find local data using a Data Reference Syntax (DRS)
- [Synda](#) download at runtime:
`esmvaltool run recipe_example.yml --synda-download`

Planned features:

- Replace runtime [Synda](#) download with [esgf-pyclient](#) ([#1130](#))
 - Data can be downloaded
 - Data can be accessed without downloading via [OPeNDAP](#)
- Convert an ESMValTool recipe to a Synda/Sproket selection file ([#1129](#))
- Support [intake-esm](#) catalogs ([#31](#))
 - Use arbitrary local NetCDF file paths
 - Use OPeNDAP NetCDF URLs
 - Use object store through [zarr](#) arrays
- Distributed preprocessing through a [Web Processing Service](#) at ESGF ([#1128](#))