

Wikiprint Book

Title: Overview of the ecomsUDG.Raccess package

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Overview of the `ecomSUDG.Raccess` package

Since the [R language](#) has been adopted for some key tasks in the EUPORIAS and SPECS projects (including the development of comprehensive validation and statistical-downscaling packages), the `ecomSUDG.Raccess` is envisaged as a user-friendly, R-based interface to the ECOMS User Data Gateway, enabling [authentication?](#) and remote access to the different datasets (seasonal forecasting, observations, reanalysis) currently available. Moreover, `ecomSUDG.Raccess` implements data homogenization (a single vocabulary) and time filtering/aggregation functionality.

The `ecomSUDG.Raccess` package relies on the `rJava` package as an interface to the powerful capabilities of the [Unidata's netCDF Java library](#).

- [Authentication?](#)
- [Data Homogeneization?](#)
- [Examples?](#)

Versions

The development version is available in [?gitHub](#)

Current stable version sources: **ecomSUDG.Raccess v2.0-0 (16-Jun-2014)** [Linux/Mac?](#) [Windows?](#) [Package Manual \(pdf\)?](#)

- **version 2.0-0** (16-jun-2014). Includes access to a extended list of surface variables, a new observational gridded dataset WFDEI, and on-the-fly time filtering/aggregation capabilities. New input/output formats.
- **version 1.0-0** (17-feb-2014). Access to a limited list of surface variables for System4 and CFSv2 datasets.