

## **Wikiprint Book**

**Title: Overview of the ecomsUDG.Raccess package**

**Subject: TracMeteo - udg/ecom/RPackage**

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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 hindcast datasets currently available.

The `ecomSUDG.Raccess` package relies on the `rJava` package as an interface to the powerful capabilities of the [Unidata's netCDF Java library](#), and extends the spatial classes and methods of the package `sp` for an efficient handling of geospatial data in R.

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