

# s2dverification

Update meeting – 06/07/2015

Sprint review

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# Outline

- Current state
- Ready to test features
- Issues and comments
- UseR! conference
- Useful links

# Current state

- Latest release: s2dverification 2.3.2
  - CRPS(), ProbBins(), ...
- To be released on CRAN in early July

# • Ready to test features

develop-trend	François, Chloé
develop-seaicemodesetc	Already tested, last fixes ongoing, depends on develop-trend
develop-plotwind	Verónica, Eleftheria
develop-composite	Chloé, Verónica
develop-crpss	Omar
develop-toymodel	François, Eleftheria
develop-animVSLtime	Louis-Philippe, Chloé, Eleftheria, Omar
develop-interfacing-SpecsVerification	Verónica, Omar

# Issues and comments

- Grid problems, now solved (issues #68, #65)
- ncdf4 issues (issues #64, #67):
  - Since we started using R package 'ncdf4' instead of 'ncdf' it crashes when variables are defined in a different order in the files.
  - Stop messages appear but they're actually not harmful.
- SMHI trying to use the package
- Wiki section on tricks to write fast code soon
- Common data structures (MR #38)
  - Ongoing work checking that functions use similar and compatible data structures (CRPS, CRPSS, ...)

# Issues and comments

- Cluster functions in develop-seaicemodesetc
  - Nevens's working on generalizing them as they contain paths to files. Chloé has done some work on it too already (see MR #41).
- Load() bug (issue #70)
  - It crashes sometimes when loading new variables with 'nprocs' > 1. Nico and Verónica working on it.
- Problems with loading only observations (issues #28 and #72)
  - The feature is buggy and should be improved

# UseR! conference

- Mission report soon
- Usage of Cpp is the tendency for HPC
- Statistical and visualisation tools
  - Many tools that could be interesting for scientists were presented. Should a climate scientist attend next time?
- Tools to develop, maintain and test code

# Useful links

- How to develop in s2dverification: updated

<https://earth.bsc.es/wiki/doku.php?id=tools:s2dverification#development>

- GitLAB

<https://gitlab.cfu.local/cfu/s2dverification>

- SCRUM planning

<https://docs.google.com/spreadsheets/d/16-7CvRxNEcpX4k25sYjcV3G4XoqYFwwGXn1W0fv3CAQ/edit?usp=sharing>