

HARP side meeting at Aladin-Hirlam All-Staff meeting 2017:

New HARP version (2) before Summer (June)

1) Testing: people / institutes needed who are willing to test (interaction)

DMI, AEMET, IMGW (Poland), FMI, INM (Tunisia)

2) Communication for HARP issues in the community

- Via Hirlam forum (access to hirlam.org is needed, should be accessible for all HIRLAM and ALADIN members)
- e-mail list

3) Source code (new version)

- ECMWF
- hirlam.org
- Documentation

4) New setup – Alex

- basic structure
- Want feedback on:
 - observational data and data formats
 - re-gridding options? - Interpolation methods that will be interesting
 - bi-linear
 - nearest neighbor
 - mean
 - Scores? SAL/FSS, HK,
 - utils are commandline tools that will work when R is installed with tcltk

5) Discussion:

- Adding new parameters in the EPS is hidden somewhere
 - the bullet in the documentation is not leading anywhere
 - Additional column has to be added to the sqlite database for data that is not in the vobs.files
 - At the spatial part parameters have to be handled in the decoders
 - Gallery of examples should be extended but sepcific settings should be put to documentation
 - sqlite tables in EPS is not changed in new version
 - No aggregation of fuzzy scores in sqlite tables → this will be easy to view in shiny (there is a plan to get this feature in EPS for smaller ensembles as well)
 - Verification score cards are under development
 - Automatic generation of verifications scores is one thing to be thought of (pdf with selection of graphs ...)
 - Installation without GRIB support → is there already (Rgrib is not automatically loaded)
 - File locking for sqlite files is not possible on certain file-systems → needs to be turned off explicitly if sqlite files are on certain file-systems

6) release:

- Validation is to be done before we give a beta release
- Code is given to people who want to test and have urgent needs of using the spatial code.