

XEFS Planning Meeting – 23 July 2009

Attendees: Rob Hartman, Chris Dietz, Albrecht Weerts, John Lhotak, Kevin Werner, Hank Herr, Satish Regonda, Xuning Tan, and Mark Fresch

EPP3

Limin successfully tested the new executable on a Linux – AWIPS environment. Limin ran a leap-year test and found two bugs and informed John S. Rob H and Kevin W are still planning to download and test the latest executable as soon as they have time.

EPP3 Model Adapters and Integration Testing

Deltares provided Xuning with the needed information on their change to the way FEWS reads XML/ASCII (grids) data. Xuning completed the required model adapter changes driven by the FEWS change. Now, Xuning will be able to complete the integration test, including the location sets.

EPP3 MODS parameters

Mark reported he'd looked at the MODS GUI. As part of the GUI, there is a table for all the parameters. Albrecht explained that new parameters can easily be added to that table, and the model adapters read and account for those parameters. Mark asked whether a path or string can be added as a parameter, such as specifying a run-control file which DJ said he'd like to do. Albrecht said he wasn't sure whether that was possible. However, Albrecht said next week he'd show some examples to the group.

EPP3 Hindcasts

With DJ out of the office, Albrecht's test of whether FEWS can ingest GFS hindcast files is on hold until DJ provides the files upon his return.

EnsPost and HMOS

Satish reported that he's on track to identify HMOS enhancements for XEFS by the end of July. For EnsPost, he and DJ will have recommended enhancements for XEFS by the end of July. However, they want to have those enhancements approved by the RFCs participating in their studies. Getting that approval will take a little more time.

Kevin reported that Dave Streubel presented an evaluation of John Schaake's ensemble post processor. Dave's evaluation of a limited number of points showed very little improvement (i.e. reducing bias), and after the meeting he distributed Dave S's presentation.

Rob H reported that his office was briefed yesterday by the Hydrologic Research Center about a project which may affect HEFS. Rob suggested that Mark talk to Geoff Bonnin or Pedro Restrepo for more info.

Graphics Generator

Hank reported that Deltares (Andre) provided an initial delivery of the API. Hank will be providing a second and more involved demo of the Graphics Generator later today.

Mark Fresch