

Summary of the ESMF Change Review Board Meeting on August 4, 2009.

Attendance:

Robert Ferraro/JPL, Cecelia Deluce/NCAR, Atanas Trayanov/NASA GSFC, Alan Wallcraft/NRL SSC, Tom Black/NOAA, Mariana Verstenstein/NCAR

Agenda

The CRB covered the following topics during its meeting:

Briefing on NUOPC content standards committee
Development status and schedule review

A synopsis of the discussion and decisions from the meeting is presented below. It is organized by agenda item. These notes attempt to capture the high points of the discussions, and any decisions that resulted.

NUOPC Content Standards Committee (Cecelia Deluca)

The CRB was briefed on upcoming changes to the ESMF governance structure that will take place with the addition of NUOPC (National Unified Operational Prediction Capability) funding to the ESMF project. A content standards committee will be added to the project structure for the purpose of developing standards related to operational NWP (metadata conventions, usage conventions, interoperability standards, etc.) The intention of the project is to use the CRB to prioritize the work of this committee, as it impacts future development within the ESMF Core Team. How the CRB will work with the committee will likely take some time to evolve. The CSC chair will be added as an ex-officio member of the CRB, and will be invited to attend the next CRB meeting.

Development Status Review (Cecelia Deluca)

The internal release ESMF v4.0.0 was released in May 2009. It contained all of the anticipated features except for the VM documentation. That item has been slipped to the next release (v4.0.1).

The grid package is now the pacing item on all future releases. Conservative regridding continues to be a challenging development activity. In order to meet next year's deadline for the v.5.0.0r release, it is likely that an ESMF I/O package will not be included in v5.0.0r. It remains on the development schedule for now, and will be reassessed at the next CRB meeting.

The CRB did not see the need to modify the current development plan, other than to adjust the expected completion dates for the remaining releases through v5.0.0.

Adjustments to the Current Schedule

In order to provide adequate beta testing time, the Public Release v4.0.0r is delayed to Sept 2009.

The Internal Release v4.0.1 is now expected by the end of Nov 2009.

Internal release V5.0.0 is likely delayed to Mar 2010.

Next Meeting

The CRB chair and Core Team manager will confer on the need for a CRB meeting prior to the Public Release v4.0.0r, and call that meeting if warranted. Otherwise, the next meeting is tentatively scheduled to take place in early Nov. The specific date is TBD.