

# Summary of the ESMF Change Review Board Meeting on January 30, 2007 in Boulder, CO.

## Attendance:

Robert Ferraro/JPL, Cecelia Deluce/NCAR, Atanas Trayanov/NASA GSFC, Alan Walcraft/NRL SSC, Chris Hill/MIT, Mark Iredell/NOAA, Mariana Vertenstein/NCAR, Tom Clune/NASA GSFC, Tom Black/NOAA

Tom Black from NOAA is replacing Mark Iredell on the CRB. Mark has taken over as Chair of the ESMF Executive Board.

## Agenda

The CRB covered the following topics during its meeting:

- Development status review
- Review of JST telecon
- ESMF support/feature/bug requests process
- Review and amend current schedule
- Review CRB Processes Document
- Schedule next meeting

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.

## Development Status Review (Cecelia Deluca)

The public release ESMF v2.2.2r was available in Dec. The internal release v3.0.1 will be slightly behind schedule (likely Feb release), but will include all expected functionality. The Core Team remains on schedule for the v3.0.2 release in April.

## Review of JST Telecon input

Notes from the joint CRB/JST telecon held on Jan 25th were reviewed. Location Streams are a high priority for NASA. The functionality is currently being worked as an external contribution, but the expected completion date is still almost a year away.

## ESMF support/feature/bug requests process

Cecelia Deluca reviewed the process being used to track support requests, new feature requests, and bug reporting. The Core Team reviews all bug reports and categorized them into either short turnaround (expected to require less than 2 weeks developer time) and long turnaround (more than 2 weeks).

The CRB reviewed the current open bug reports that were classified as "long." None of the bugs were considered critical enough to change the priorities in the current development schedule. The current focus is on getting the version 3 grids functionality developed and delivered, since many groups are counting on that functionality this year.

The highest priority “long” bugs were scheduled for the Jan 2008 release, which is the first internal release following the major grid development delivery. These bug fixes are:

- Array gather and scatter
- Concurrency issues
- System test with OpenMP
- Consistent behavior of logicals

A task was also added to complete the VM documentation.

The board then reviewed the list of unscheduled feature requests. The list is quite extensive, but none were deemed of high enough priority to change the current development schedule. Several feature development tasks were added to the v3.0.4 release for Jan 2008, based on the board’s prioritization of the new feature requests. Since the release is a year away, this schedule is considered tentative.

Since the ESMF SourceForge site now tracks all new development requests, the CRB will no longer carry unscheduled tasks on the published development schedule. Interested persons are invited to browse the Feature Request and Open Bug lists on the SourceForge site, which is accessible via the **Development** link off of the ESMF home page.

## **CRB Process document**

Robert Ferraro circulated a document that compiles the CRB procedures as captured in the meeting summaries published since the CRB was established. The CRB members had not all had a chance to review the document contents. It was agreed that the members would review the document over the next couple of weeks, and communicate issues via email to the CRB email list.

## **Review and amend current schedule**

Public Release v3.0.3r was added to the schedule in Dec 2007. This release will encompass beta tested functionality through v3.0.3.

The CRB added a v3.0.4 beta release to the schedule in Jan 2008.

## **Next Meeting**

The next meeting will be hosted by JPL in late April. The specific date is TBD.