

Status Report September 2004

Status of OB5 Delivery

The RAXUM team and various developers have been busy... the database changes have been finalized, new scripts, modifications to various libraries and some applications have been completed, these are: dcextract, display_rc process_stage, check_processed_decoder, check_raw_decoder, ingestdef, log_stats.tcl. Work continues on the other applications and scripts.

It has been determined that a couple items will slide to OB6 delivery, these are an updated bkup_lev0 script and the new apps, version of XNAV for rax.

RAXUM Team Renewal

Donna Page has sent e-mails to the regions for the team renewal for the Fiscal Year 2005. This is the time for the change out of team members. The FY05 team will be responsible for the rax OB6 and OB7 software delivery. The RAXUM team is going to need all the help it can get for the OB6 delivery (see below). So if your RFC has someone that is a savvy programmer or knowledgeable In Linux OS, please consider team participation.

FYI About Build OB6

This is to inform you about some of the major changes to AWIPS that will impact the RFC Archive System and its applications. The database engine on the rax will continue to be Informix. As many of you are aware the operational databases will be moving from Informix IDS 7.31 to PostgreSQL (version unknown at this time). In addition, the operating system will be upgraded on all the AWIPS Linux systems from RedHat 7.2 to one based on the RedHat Enterprise 3 Workstation operating system. At this time the AWIPS folks have not finalized the contents of the OS.

The impact on the RFC Archive System and its applications will be as follows:

- 1) any applications or scripts that access the "ONLINE" databases will need to change to access PostgreSQL, these may include but are not limited to
 - adbinit suite apps, locatdef and ingestdef
 - verify transfer apps, vfyjobs2shef and vfyfcst2shef (or these 2 may be eliminated as the verify apps moved to the rax in ob4)
- 2) Recompile and test all applications because of the operating system upgrade. According to OHD/HL, in the past when we have moved from OS to OS, we have found that there are usually compile problems and then some set of run time problems. The underlying c, c++ libraries will change as well as Motif and all the COTS.

The deadline for the OB6 delivery to have all applications ready for final testing is mid to late January 2005 (on or about Wednesday Jan. 19, 2005).