

AWIPS II Topic of the Week -- Task Order 11 (TO11) Slice Delivery

All,

Wednesday, April 8, Raytheon conducted the Task Order 11 (TO11) Slice 1 Delivery Briefing. Raytheon highlighted some architectural changes, as well as, noted that TO11 slice 1 is implemented on Red Hat version 4 to simplify NWS testing (slice 2 and beyond will be delivered on Red Hat 5). Some technical information provided regarding the AWIPS Migration software include:

- Terracotta has been added to aid edex clustering performance
- This software will run in its own jvm on a postgres machine, and on stand alone setup.
- Mmaps have been consolidated and moved to postgres.

Many thanks to the Raytheon team for putting together an insightful Delivery Briefing. As mentioned before, TO11 is comprised of a series of "slice" deliveries starting in April 2009 through the end of the fiscal year. Listed below are proposed future release dates and slice contents. SEC encourages everyone to start viewing and working with the new software. The software is being testing here at HQ, and a few other locations to verify the installation as well as basic functionality before broader delivery to the National Core Local Applications Development Team (NCLADT) and User Functional Evaluation (UFE) sites for testing. As always, we welcome your feedback and collaboration. To find out more about the TO11 Delivery Briefings check the presentations page on the AWIPS Tech Infusion web site (<http://www.nws.noaa.gov/ost/SEC/AE/Presentations.htm>).

TO 11 Interim Releases

- Slice 1 – April 8

D2D Display (Sat Menus), Data (SBN ingest, Selected Decoders), Hydrology (FFGS, IHFS, SSHP), Satellite, Cron Management, Guardian, Command Line Interface

- Slice 2 – May 6

D2D Display (Upper Air Rendering), Decoders (BufMOS), Text Triggers, GHG, Radar ORPG Ingest, Dam Break Model, Data Purging

- Slice 3 – June 3

WarnGen, Hydroview, Warngen Service Backup, Climate, NWRWAVES Formatters, Model/Satellite Soundings

- Slice 4 – July 1

D2D Display (Obs, Sat Derived Plots), Volume Browser (Sat), AVNFPS, LDAD ingest

- Slice 5 – July 29

D2D Display (Radar Menus), GFE, Volume Browser (Model, Radar), GFE ISC/Service backup, Data (SIGMETs)

- Slice 6 – Aug 26

D2D Display (Skew-T), Decision Assistance, Riverpro, Comms, MHS, Hydrobase manager, RFS, Backup and Archive, HWR, LSR

Regards,

Olga Brown-Leigh

Olga E. Brown-Leigh

Systems Engineering Center, Support Branch Chief

Office of Science and Technology

NOAA, Nat'l Weather Service

(301) 713-1570 ext. 156 ofc

(301) 873-3320 cell

(301) 713-0003 fax

Olga.Brown-Leigh@noaa.gov