AWIPS II Topic of the Week -- Summary of Nov 5 TIM

All:

This week we held two interesting meetings with our Raytheon partners. On Monday the 3rd, we reviewed progress on the plans Raytheon is developing for the Deployment and Transition process, and then on Wednesday the 5th, we held an open telephone Technical Interchange Meeting (TIM). At the TIM we found out the Mule Enterprise Service Bus which sits at the core of the EDEX (Environmental Data EXchange) needed to be changed out. It will be replaced with the Open Source project Camel from Apache. For those who may not recall, the EDEX is the heart of the AWIPS II data management system. For more about Camel, see the link below. We also learned how Subscriptions will replace the Triggers we currently use. The forecasters and developers who participated provided some very useful explanations of how Triggers are used today, so thanks for the input. The Raytheon developers also explained how the replacement for the textDB utility and the new Command Line Interface will work. These are two keys in our Local Application migration strategy so we all look forward to seeing them when we get TO10. We also reviewed progress on the GFE SmartTools, SmartInits, and Procedures. The NCLADT provided the RNK tools to Raytheon and they have found that almost half of them will work with TO9, more will work in TO10, and some are obsolete or incompatible. For the exact numbers you can check out the presentation at the link below. When we get the slides describing the Camel change, and the list of Tools which fall into each category, we will forward the info. More on the Deployment and Transition planning next week.

Link to Camel: http://activemq.apache.org/camel/index.html

Link to TIM Presentation:
https://onestop.noaa3a.awips.noaa.gov/Raytheon%20Proprietary/TO10-TIM-110508.ppt

Thanks,
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