AWIPS II EDEX Training Resource Material
Code Examples

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Continuous Technology Refresh Re-Architecture,
Task Order T1

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Annotated Code From the AWIPS II ADE Code Baseline

The deliverable annotated examples are contained in the deliverable code, which will serve to keep them current if changes are made to the code. They were chosen for their instructional value and are annotated with in-line comments. The discussion below provides more information on each example.

Code Examples

1. **Logging Micro Engine task and "Hello World" Micro Engine script**.

   This task is SystemLog; and the script is HelloWorld.js. Both are in the ADE baseline. SystemLog is in "uEngine" under the EDEX core in the ADE baseline, HelloWorld.js" is in the JavaScript library.

2. **VTEC Service Endpoint**

   The VTEC Service Endpoint is an example of an SOA endpoint**.** It is particularly interesting because it is almost self-contained. It is documented in both internal documentation and documentation in the EDEX docs library. The bulk of the code and support files are in "vtecSrv" in the EDEX core in the ADE baseline. Additional code includes Micro Engine tasks that are located in "uEngine" under the EDEX core and MicroEngine scripts located in the JavaScript library.

3. **Pirep plug-in** (data-type endpoints)

   The pirep plug-in is a good example of how to write a data-type plug-in. It is located in "plugin-pirep" under extensions in the ADE baseline.

4. **CAVE extension plug-ins**

   The Text Editor plug-in for CAVE is a good example of CAVE extension. It is located at "cave.raytheon.vix.texteditor" in the CAVE base line.

   Locations:
   EDEX Core: trunk/edex/edex
   JavaScript Library: trunk/edex/opt/esb/js
   Extensions: trunk/edex/extensions
   EDEX docs library: trunk/edex/docs