

AE IV&V Test Case TO8_0001

Revision History

| Rev. No. | Date | By | Description of Changes |
|----------|---------|----------------|------------------------|
| 1 | 4/21/08 | Susan Williams | Initial version |
| | | | |

1. TEST CASE IDENTIFIER

TO8_0001

2. NARRATIVE

The objective is to determine the adequacy and usability of the documentation for TO8 testing, evaluation and development.

When a new system is deployed, there must be adequate documentation that would enable the new users to:

- a. Get an overview of the overall system
- b. Find out how to use aspects of the system.
- c. Where to find pertinent information.
- d. What are the components of the system
- e. What are the interfaces
- f. How do the components interact

We will focus on our test plans and training exercise. We will answer the question: Is the documentation adequate for the areas that we test? Where applicable, we will recommend needed changes.

3. REFERENCES (Optional)

None

4. FEATURES TO BE TESTED

Determine the adequacy and usefulness of the documentation for developing EDEX plugins.
Determine the adequacy and usefulness of the documentation for utilizing the postgres database.
Determine the adequacy and usefulness of the documentation for developing CAVE plugins.
Determine the adequacy and usefulness of the documentation for setting up a new localization.
Determine the adequacy and usefulness of the documentation for determining how logging is done.
Determine the adequacy and usefulness of the documentation for understanding how services communicate.
Determine the adequacy and usefulness of the software documentation.

5. SETUP INSTRUCTIONS

None

6. ACCEPTANCE CRITERIA

| Step(s) | Criteria | Result (scale 1-5) | Comments |
|---------|---|--------------------|----------|
| 1 | Adequacy and usefulness of the documentation will be rated on a scale of 1 to 5, with one being nonexistent documentation, to 5 being most useful where user is able to complete task based on the documentation. | | |

7. TESTING PROCEDURE

| Step | Procedure | Expected Result | Actual Result |
|------|---|--|---------------|
| 1 | Create a simple EDEX plugin based on the Raytheon provided documentation | plugin created | |
| 2 | Develop a capability to write to and read from the postgres database based on the Raytheon provided documentation | able to read from and write to the postgres database | |
| 3 | Develop a simple CAVE plugin based on the Raytheon provided documentation | plugin created | |
| 4 | Create a new localization based on the Raytheon provided documentation | localization created | |
| 5 | Change the logging level and find the logging manager based on the Raytheon provided documentation | log level changed | |
| 6 | Find out how services communicate based on the Raytheon provided documentation | | |
| 7 | Select a software module and determine how easy or difficult it is to determine what it does based on the documentation | | |
| | End of test | | |