

# AE IV&V Test Case TO8\_0008

## Revision History

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

## 1. TEST CASE IDENTIFIER

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TO8\_0008

## 2. NARRATIVE

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The objective is to determine the flexibility and robustness of the purger.

In AWIPS II, the smart purger removes files based on a number of different criteria. Can the TO8 purger be configured to purge on just time? Some purge options of the smart purger are given below:

data key | directory | r,w,c,i,l | scour period | version, ... |

where

“data key” is the data access key to which the purge info implies,

“dir” is the directory that gets purged if the entry is non-blank

“r” means recursive purging

“w” means purge all prefix/suffix combinations found in the directory separately

“c” is the time period to wait after the latest file to purge normally

“i” means ignore time stamps

“l” means do not actually purge this directory, only log what would have been purged

“scour period” means any non-time-stamped files in the directory will be removed if older than this time

“version” is the number of versions to keep.

## 3. REFERENCES (Optional)

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purgeInfo.txt in AWIPS I

## 4. FEATURES TO BE TESTED

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Purge Criteria:

Temporal frequency

Number of versions

Robustness of the purger. Can the databases be kept in sync?

## 5. SETUP INSTRUCTIONS

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Step	Setup Procedure	Result
1	Ensure there is real-time data flowing	

## 6. ACCEPTANCE CRITERIA

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[List the criteria for success. Specify what combination of validations from the Expected Results in section 7, below, constitutes either success or failure for this test case. Provide reference to the procedure steps specified in section 7, below.]

Step(s)	Criteria	Result
1	Files were purged based on the new temporal frequency	
2	Specified number of versions of a specific data type	
3	Times in metadata files remain in sync with the HDF5 data	

## 7. TESTING PROCEDURE

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Step	Procedure	Expected Result	Actual Result
1	Modify the temporal information in purge.xml to a new frequency. Touch the cron entry so that the modified information takes effect.	Files are purged according to the new temporal information in purge.xml	
2	Determine if version purging can be done		
3	Load a product. Look at the green time. Look at the time on the legend. If they are different, then the databases are out of sync. If they are the same, wait for 2 hours and try again.	Green time and time on legend are the same showing the databases are in sync.	
	End of test		