XAIS Testing Directory Structure

Special Files: For saving overall-testing information

- Information {Eris}<Test>, files named **.***name*, e.g. ".read-me-first" , this file.
- Procedures {Eris}<Test>Admin> for overall procedure files, rather than specific test plans or scripts
- Results {Eris}<Test>ARs> for the results of AR test-case regression runs.
- Tools {Eris}<Test>Tools> for general-purpose files like do-test or do-test-menu.

Language: The Interlisp & Common Lisp languages, interpreters, compilers

- Plans {Eris}<Test>Language>Plans>
- Results {Eris}<Test>Language>Logs>
- Auto
  - Test-Files {Eris}<Test>Language>Auto>
  - Aux-Files {Eris}<Test>Language>Auto-Aux>
- Hand
  - Scripts {Eris}<Test>Language>Hand>
  - Aux-Files {Eris}<Test>Language>Hand-Aux>

I/O: Streams, Windows

- Plans {Eris}<Test>IO>Plans>
- Results {Eris}<Test>IO>Logs>
- Auto
  - Test-Files {Eris}<Test>IO>Auto>
  - Aux-Files {Eris}<Test>IO>Auto-Aux>
- Hand
  - Scripts {Eris}<Test>IO>Hand>
  - Aux-Files {Eris}<Test>IO>Hand-Aux>

Prog Environment: Exec, Code Editing, Debugging, Application Toolkits

[subsection: Exec, Debugger, Editors]

- Plans {Eris}<Test>Env>*subsection*>Plans>
- Results {Eris}<Test>Env>*subsection*>Logs>
- Auto
  - Test-Files {Eris}<Test>Env>*subsection*>Auto>
  - Aux-Files {Eris}<Test>Env>*subsection*>Auto-Aux>
- Hand
  - Scripts {Eris}<Test>Env>*subsection*>Hand>
  - Aux-Files {Eris}<Test>Env>*subsection*>Hand-Aux>

Library: Individual Modules

[Module name]

- Plans {Eris}<Test>Library>*module*>Plans>
- Results {Eris}<Test>Library>*module*>Logs>
- Auto
  - Test-Files {Eris}<Test>Library>*module*>Auto>
  - Aux-Files {Eris}<Test>Library>*module*>Auto-Aux>
- Hand
  - Scripts {Eris}<Test>Library>*module*>Hand>
  - Aux-Files {Eris}<Test>Library>*module*>Hand-Aux>

LispUsers: Repository for obsoleted library tests when modules are demoted

[Module name]

- Plans {Eris}<Test>LispUsers>*module*>Plans>
- Results {Eris}<Test>LispUsers>*module*>Logs>
- Auto
  - Test-Files {Eris}<Test>LispUsers>*module*>Auto>
  - Aux-Files {Eris}<Test>LispUsers>*module*>Auto-Aux>
- Hand
  - Scripts {Eris}<Test>LispUsers>*module*>Hand>
  - Aux-Files {Eris}<Test>LispUsers>*module*>Hand-Aux>

Applications: "Customer Applications" for stress-testing system or subsystems

[Application name]
Plans {Eris}<Test>Customer-Applications>*application-name*>Plans>
Results {Eris}<Test>Customer-Applications>*application-name*>Logs>
Auto
Test-Files {Eris}<Test>Customer-Applications>*application-name*>Auto>
Aux-Files {Eris}<Test>Customer-Applications>*application-name*>Auto-Aux>
Hand
Scripts {Eris}<Test>Customer-Applications>*application-name*>Hand>
Aux-Files {Eris}<Test>Customer-Applications>*application-name*>Hand-Aux>

[Subsystem, e.g. PCE]: One subdirectory per distinct product (PCE, Rooms, DEI, ...)

Plans {Eris}<Test>*subsystem*>Plans>
Results {Eris}<Test>*subsystem*>Logs>
Auto
Test-Files {Eris}<Test>*subsystem*>Auto>
Aux-Files {Eris}<Test>*subsystem*>Auto-Aux>
Hand
Scripts {Eris}<Test>*subsystem*>Hand>
Aux-Files {Eris}<Test>*subsystem*>Hand-Aux>

File Naming

—.test

A file of DO-TEST forms, suitable for running with DO-TEST-FILE or DO-ALL-TESTS. Within a directory, files are named x-y-z-w....test, with more general descriptions to the left, and more specific naming to the right. For example, there might be several tests of Lists: LIST-CREATION.TEST and LIST-MODIFICATION.TEST. It is poor form to include the words REGRESSION, TEST, or such like in the file name: Regression tests should be folded into the main test file, and all of these files are tests, so that's redundant.

—.u

A script to be followed during hand testing. Within a directory, files are named x-y-z-w....u, with more general descriptions to the left, and more specific naming to the right. For example, the Exec might have several test files, e.g., Exec-PL.u, Exec-DIR.u, etc.

—.plan

A plan for testing a section of the system, a new product like PCE, etc.

—-m-d-y.log

The results of running a test or series of tests.