**File Sieve - State of the project**

Week 5

|  |  |  |
| --- | --- | --- |
| Project section | Work Completed | Work in Progress |
| GUI | View for 3 screens and ScreenSwitcher:   * SelectScreen * ResultScreen * CopyScreen | 1. Controller and tests for it  2. Modified JTree control with checkboxes to display/select file/folder trees. |
| Business Logic | Interfaces for 3 classes:   * FileManagement * FileEnumeration * FileDifferentiation   FileManager hierarchy and factory class for producting FileManager instances.  Units tests for concrete FileManager implementation (ConcurrentFileManager). | 1. FileManagement package hierarchy is still a work in progress, but we’re getting there. May need some JNI to get around the 260-char pathname limit inherent to Windows platforms (but perhaps not…). This will come a little later, after sufficient unit tests have been written and we know copying has been thoroughly tested.  2. Additional unit tests for ConcurrentFileManager.  3. Create a custom PropertyChangeListener class to simplify receipt of ongoing copy work for updating GUI. There is the start of such a class, current existing as private static helper class with the ConcurrentFileManagerTest class. I may impose some additional abstraction in such an exposed API to hide communications between the FileManager and the listener.  3. Next week: critical that I fill out the FileEnumeration class, even if I need to break from FileManagement for a while. |
| Persistence | - Interface for Reports class  - Class for SelectedPaths Preferences. | 1. Code to find the screen to display the window for WindowPlacementPreferneces.  2. Unit Tests for more scenarios for both preference classes. |
| Other | 1. Project directory structure, with appropriate “.gitignore” files to ensure IDE-agnosticity. 2. Cobertura test code coverage framework has been wired into build.xml (Ant configuration). Configured to output HTML report to “/build/report/cobertura/” folder (see “index.html” file within that folder after running “ant all” or “ant tests”. | |