

MFileTool Design

- Class Responsibility
 - InputHandler => Input csv file parsing
 - TransferQueue => Transfer data between Threads
 - OutputProcessor => Prepare program output
- This Program has 3 Threads.
 - Main Thread – input handling & Thread management
 - Input Thread – Read input csv & load data to TransferQueue
 - Processing Thread – Pops data from TransferQueue & Prepare output
- Design:
 - Processing Thread waits until loading to TransferQueue.
 - Whenever data loaded, it process and prepare output.

