Test Bed Modules

* Launch a particular FLExTrans “project” and wait (separate module)
* Initialize Test Bed Run (separate module)
  + Create parent folder (date-time?) in the Testbed\Results folder
  + Put identifier (start date/time?) into the log
* Copy results module
  + Create the project folder under the parent folder of the testbed results
  + Copy the temp files and generated files using the “project” configuration file to the results folder
* Run it (done manually)
  + Need a place where the results get dumped
  + Virtual box needs to be running a cron for that results folder
  + Re-use same folder for temporary results
    - Contains:
      * Target\_text.aper (generated)
      * Source\_text.aper (generated)
      * Bilingual.dix (generated)
      * Makefile (copy Makefile from FLexTools folder)
      * Fix.py
      * Do\_make.sh
    - Add do\_make to the crontab
  + Input files can be kept in the FlexTools folder
    - Transfer\_rules.1tx (and others)
    - Replace.dix
    - Of course FlexTrans.config
* Compare Test Bed results with the gold standard (core module)
  + Create results folder for this test project
  + Copy Results to a results folder for this project
    - Set from and to folders
    - Set list of files to compare
    - For each file in the list
      * Compare the files
      * If different
        + Save difference in temp\_results

If file is source text or synthesized text

Do a detailed diff of each line so we can quickly see what changed

Otherwise

Give a standard diff of lines that changed

* + - * + Increment differences count
    - If no differences
      * Output “files match!”
    - Otherwise
      * Log how many files differ in the testbed result log
  + What to compare
    - Extracted Text
    - Bilingual Lexicon
    - ANA file
    - Prefix file
    - Extracted Target Dictionaries
    - Synthesized file
      * Main thing to show diff of
      * Other diffs on request
  + Compare results put into a results log (spreadsheet?)
* Conclude Test Bed run (separate module)
  + Finishes the log entry
  + Summarizes results?