Where Yuteh’s batch jobs for PAHMA andUCJEPS are located and how to manage them.

**PAHMA**

**Batch jobs for Michael on pahma-dev.cspace:/home/developers:**

batch\_loc --- under “batch\_loc” subdirectory using script “add\_bulk\_loc.sh” (which calls Talend job “TMS\_batch\_bulkloc“) to create sequential CSPace storage locations in the “location” authority.  
Script prompts for “location type”, “location prefix” and “starting” & “ending” sequence number. Log file from each run created in the “batch\_loc /log” subdirectory (see alias below for easy access).

batch\_crate --- under “batch\_crate” sub subdirectory using script “add\_bulk\_crate.sh” (which calls Talend job “TMS\_batch\_bulkcrate“) to create sequential CSPace storage locations in the “crate” authority.  
Script prompts for “crate prefix”, “crate year” and “starting” & “ending” sequence number. Log file from each run created in the “batch\_crate /log” subdirectory (see alias below for easy access).

batch\_obj --- under “batch\_obj” sub subdirectory using script “add\_bulk\_obj.sh” (which calls Talend job “TMS\_batch\_bulkobj“) to create sequential CSPace collection objects.  
Script prompts for “museum number prefix”, “museum number year” and “starting” & “ending” sequence number. Log file from each run created in the “batch\_obj /log” subdirectory (see alias below for easy access).

alias run\_crate='/home/developers/batch\_crate/add\_bulk\_crate.sh'

alias run\_loc='/home/developers/batch\_loc/add\_bulk\_loc.sh'

alias run\_obj='/home/developers/batch\_obj/add\_bulk\_obj.sh'

alias show\_allcrate='/home/developers/batch\_crate/showALLlog.sh'

alias show\_allloc='/home/developers/batch\_loc/showALLlog.sh'

alias show\_allobj='/home/developers/batch\_obj/showALLlog.sh'

alias show\_lastcrate='/home/developers/batch\_crate/showLASTlog.sh'

alias show\_lastloc='/home/developers/batch\_loc/showLASTlog.sh'

alias show\_lastobj='/home/developers/batch\_obj/showLASTlog.sh'

alias show\_crate='/home/developers/batch\_crate/showlog.sh'

alias show\_loc='/home/developers/batch\_loc/showlog.sh'

alias show\_obj='/home/developers/batch\_obj/showlog.sh'

alias to\_barcode='pushd /home/developers/batch\_barcode'

alias to\_crate='pushd /home/developers/batch\_crate'

alias to\_loc='pushd /home/developers/batch\_loc'

alias to\_obj='pushd /home/developers/batch\_obj'

**Batch jobs under pahma-dev.cspace:/home/developers currently setup under cron jobs:**

batch\_barcode --- under “batch\_barcode” subdirectory, processing uploaded barcode scan files (in the “barcode” directory), importing LMI records and establishing LMI-obj relationships. Main script “import\_barcode.sh” separates barcodes into two types: plain location (cvs file with 5 fields) and crate location (cvs file with 6 fields) before processing. It also relies on the following files/scripts:  
 + scripts “checkinput\_5fld.sh”, “checkinput\_6fld.sh” and “talendinput.sh”  
 + Talend jobs “TMSlocation\_barcode\_5fld“ and “TMSlocation\_barcode\_6fld”  
 + script “check\_handler.sh” (relying on tab-delimited “LocHandlers.txt” and “LocHandlers.nameonly” which is just single name entries)

Script puts successfully-processed barcode files under “processed” subdirectory, and failed (w/ errors during checking phases) files under “bad\_barcode” subdirectory.   
“import\_barcode.sh” script is on cron job to be run hourly from 9am to 6pm with email feedback whenever there is file sitting in the “barcode” directory for processing. Daily log file from the hourly check/ run is stored in the “batch\_loc /log” subdirectory (see alias below for easy access).

* Maintenance: if there is new barcode handler, then edit “LocHandlers.txt” file to put in the handler’s ID and name in (tab-delimited), so put handler’s name into the “LocHandlers.nameonly” file.

Batch\_MH\_obj --- under “batch\_MH\_obj” subdirectory, processing the linkage between newly created media records and the pairing collection objects. Main script “MH2obj\_update.sh” runs on Saturday 8:05am … calls Talend job “mh\_obj\_notlinked”, imports the relationship records, puts diagnostic files into a zip file and emails it to Elizabeth Minor.

* Maintenance: none

**UCJEPS**

**Batch jobs under ucjeps.cspace:/home/developers/batch\_MH\_obj currently setup under cron job: (just moved over from yuteh’s account to “developers” … still being monitored)**

MH2obj\_update --- use script “MH2obj\_update .sh” under “check\_NewMedia\_0.8/check\_NewMedia” subdirectory**.**  The “MH2obj\_update.sh” script first creates new objects from new (single) media records & setup relationships, then searches/links any existing collection objects with pair-able media records, and then creates new objects from new (multiple) media records & setup relationships. It relies on the following files/scripts”**:** + script “dblchk\_dupobj.sh” and “create\_multiMH\_new.sh”  
 + Talend job “check\_NewMedia” under batch\_MH\_obj/Check\_NewMedia\_0.8 directory,  
 “PostImport\_check” under batch\_MH\_obj/ PostImport\_check\_0\_9,  
 “MH\_obj\_notlinked\_4script” under batch\_MH\_obj/MH\_obj\_notlinked\_4script\_0.3  
 “MH\_without\_obj\_4script” under batch\_MH\_obj/MH\_without\_obj\_4script\_0\_3  
  
“MH2obj\_update.sh” runs on Tuesday & Friday 8:05pm. It produces a log file “curl\_log.yyyymmdd” containing all the accounting of the run. No email feed back is used for this cron job. All intermediate/final files for the job are saved under the “batch\_mh\_obj/check\_NewMedia\_0.8/check\_NewMedia/ temp/\*” subdirectories. The most important file is “CUM\_MH\_created\_obj.txt” under “batch\_mh\_obj/check\_NewMedia\_0.8/check\_NewMedia/temp/media” that will be used for the next run.

* Maintenance: none