Running Syncs with inotify

The following script can be used to run the TapeTrack Synchronization command whenever a file is uploaded with FTP or SFTP.

The script does the following:

1. Listens using `inotify` for a change to the directory `/var/sftp/user/upload`.
2. Spawns a separate thread to run the syncronization.
3. Writes output to the reports directory with a time and date stamp.
4. Loops back to listen to for the next uploaded file.

<sxh bash;> #!/bin/bash

function control_c {

```
 logger -s -t TapeTrackSyncWatcher Request to end TapeTrack Sync Watcher
recieved
 exit
```

};

set -e

trap control_c SIGINT trap control_c SIGTERM

logger -s -t TapeTrackSyncWatcher Starting TapeTrack Sync Watcher

outfile=$(mktemp “${TMPDIR:-/tmp/}syncwatch.XXXXXXXXXXXX”)

while true; do

```
 #
 # Wait on a change to the sftp directory
 #
 inotifywait -r -e close_write /var/sftp > $outfile 2> /dev/null
```

```
 #
 # A chance has been made so read the results into 3 variables (path, type,
file)
 #
 read -r r1 r2 r3 < $outfile
```

```
 #
 # Delete the temp file
 #
 rm $outfile
```

```
 base=`cut -d'/' -f-4 <<< $r1`
```

```
 if grep -q "/upload/" <<< $r1 ; then
    logger -s -t TapeTrackSyncWatcher Launching Sync fpr file $r1$r3
    now=$(date +"%m_%d_%Y_%H_%M_%S")
    syncfile=$r1$r3 TMSS10Sync -d $base/etc/default.ttidef >
$base/reports/stdout-$now.txt 2> $base/reports/stderr-$now.txt &
 else
    logger -s -t TapeTrackSyncWatcher Skipping file update for file $r1$r3
 fi
```

done

exit </sxh>

From:
https://docs.tapetrack.com/ - **TapeTrack Documentation**

Permanent link:
https://docs.tapetrack.com/technote/syncwatcher?rev=1555353379

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