

# Running Syncs with inotify

```
#!/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.XXXXXXXXXXX")

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=$(date +"%m_%d_%Y")
        syncfile=$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

From:  
<https://rtfm.tapetrack.com/> - **TapeTrack Documentation**

Permanent link:  
<https://rtfm.tapetrack.com/technote/syncwatcher?rev=1555120980>

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