

Simple Torrent Completion Notifier

This script will remove completed torrents and send an email.

removeTorrents.php

```
<?php

//custom variables
$EMAIL_TO="XXX@yahoo.com";
$EMAIL_FROM="XXX@yahoo.com";

//default variables
$BASE_URL="http://192.168.1.50:3000";
$DOWNLOAD_FOLDER="/root/containers/cloud-torrent/downloads";
$MOVIES_FOLDER="/media/nas0/movies";
$TVSHOWS_FOLDER="/media/nas0/incoming";
$EMAIL_SUBJECT_DOWNLOADED="DOWNLOADED - ";
$EMAIL_SUBJECT_ERROR="FAILED TO REMOVE - ";

removeCompleted();

//done
exit(0);

//*****
// sendNotification
//*****
function sendNotification($torrent,$status){
    global $EMAIL_SUBJECT_DOWNLOADED, $EMAIL_SUBJECT_ERROR, $EMAIL_FROM, $EMAIL_TO;

    if($status == "downloaded"){
        $subject= "\" . $EMAIL_SUBJECT_DOWNLOADED . $torrent . "\"";
    }else if($status == "error"){
        $subject= "\" . $EMAIL_SUBJECT_ERROR . $torrent . "\"";
    }

    $cmd= getCwd() . "/sendEmail.sh " . $subject . " " . $EMAIL_FROM . " " . $EMAIL_TO . " " . $subject;
    shell_exec($cmd);
}

//*****
// removeCompleted
//*****
function removeCompleted(){
    global $BASE_URL, $DOWNLOAD_FOLDER, $MOVIES_FOLDER, $TVSHOWS_FOLDER, $EMAIL_TO, $EMAIL_FROM,
    $EMAIL_SUBJECT_DOWNLOADED;

    $resp=file_get_contents($BASE_URL . '/api/torrents' );
    //echo $resp . "\n";

    $json = json_decode($resp);
    foreach ($json as $key=>$val) {
        $name = $json->$key->{'Name'};
        $completed = $json->$key->{'Done'};

        if($completed){
            //echo "removing torrent: " . $name . "\n";

            $result = performTorrentAction($key,"stop",$name);
            if(!$result){
                sendNotification($name,"error");
                continue;
            }

            $result = performTorrentAction($key,"delete",$name);
```

```

    if(!$result){
        sendNotification($name,"error");
        continue;
    }

    // move to folder
    echo "Moving torrent ....\n";
    $source = $DOWNLOAD_FOLDER . "/" . $name;
    $destination = $MOVIES_FOLDER . "/" . $name;
    moveFolder($source,$destination);

    sendNotification($name,"downloaded");

    echo "Done\n";

} //completed

} //foreach
echo "Run Complete\n";

}

//*****
// performTorrentAction
//*****
function performTorrentAction($hash,$action,$name){
    global $BASE_URL;

    $url = $BASE_URL . '/api/torrent';
    $data = $action . ":" . $hash;

    $options = array(
        'http' => array(
            'header' => "Content-type: text/plain\r\n",
            'method' => 'POST',
            'content' => $data
        )
    );

    $context = stream_context_create($options);
    $result = @file_get_contents($url, false, $context);
    if ($result === FALSE) {
        echo "Failed to " . $action . " torrent " . $name . "\n";
    }else{
        echo "Success performing " . $action . " for torrent " . $name . "\n";
    }

    return $result;
}

//*****
// moveFolder
//*****
function moveFolder($source, $target){

    exec("mv ".escapeshellarg($source)." ".escapeshellarg($target));
}

?>

```

sendEmail.sh

```
#!/bin/sh
```

```
SUBJECT=$1
```

```
TO=$2
```

```
FROM=$3
```

```
CONTENT=$4
```

```
echo "Subject: $SUBJECT"
```

```
echo "From: $FROM"
```

```
echo "To: $TO"
```

```
echo "CONTENT $CONTENT"
```

```
echo "Subject: $SUBJECT" > mail.txt
```

```
echo "From: $FROM" >> mail.txt
```

```
echo "To: $TO" >> mail.txt
```

```
echo " " >> mail.txt
```

```
echo $CONTENT >> mail.txt
```

```
cat mail.txt |sendmail -t
```

```
rm mail.txt
```