

LinHES - Feature # 384: Dutch XML Grabber standard in installation

Status:	Closed	Priority:	Normal
Author:	wayward	Category:	
Created:	06/11/2009	Assignee:	cecil
Updated:	10/16/2014	Due date:	
Description:	Hi, I would like to see the dutch channel grabber standard in LinHes! It's such a drag to install it over and over. I use this one: http://www.caliban.org/ruby/xmltv_upc.shtml . UPC is the biggest TV provider in Holland, so it should be a really good addition!		

History

06/11/2009 09:30 pm - cecil

Can you please provide information on 'making' the grabber. I don't speak the language.

06/12/2009 01:50 am - wayward

Ofcourse, here we go!

First install Ruby (At least version 1.8.0). tv_grab_nl_upc makes use of the REXML(<http://germane-software.com/software/rexml/>)-bibliotheek of Sean Russell.

Download the last version of the grabber (http://www.caliban.org/files/ruby/tv_grab_nl_upc) and set this as root (or sudo) in /usr/local/bin.

Download the latest version of the wrapper (http://www.caliban.org/files/ruby/tv_grab_nl_upc_wrapper) and also put this in /usr/local/bin.

Make the grabber and the wrapper executable: `chmod a+x /usr/local/bin/tv_grab_nl_upc*`

Configuration

Now make the configuration file with all channels where you want to get the information from. The fastest way is to start the program with the `--configure` option.

The configuration file is standard written on `~/.xmltv/tv_grab_nl_upc.conf`, but you can also use another location with the help of the `--config-file` option.

- The first time you use the grabber it can take up to 30 minutes or so, the second time it will be faster.

Let the program run one or twice with hand by the command: `/usr/local/bin/tv_grab_nl_upc` by the same user that started mythfrontend:

```
/usr/local/bin/tv_grab_nl_upc --sanity-check --verbose
```

You can check here if everything runs well, if its so there will be a lot of XML data flash on your screen. If not you will be presented an error.

If the program seems to work okay, you can try to call it through the wrapper; I think this is handy. The wrapper gives all options on the commandline through to `tv_grab_nl_upc` and calls mythfilldatabase in a correct way to add the data MythTV. The wrapper (in a simple way) looks like this:

```
#!/bin/bash
```

```
xml_file=$( mktemp -p ~/.xmltv upc.XXXXXXXXXX )
```

```
video_source=2
```

```
LANG=nL_NL /usr/local/bin/tv_grab_nl_upc $* > $xml_file
```

```
mythfilldatabase --file $video_source $xml_file
```

```
rm $xml_file
```

Probably you need to change the \$video source. In my case (and many other dutch girls/boys) have 1 source configured as the analogou channelpackage.

BE AWARE: Until MythTV 0.20 you had to call mythfilldatabase bij hand (with --file) to get the data from tv_grab_nl_upc into MythTV. This was because MuthTV only could handle a standard list of grabbers and tv_grab_nl_upc not automatically could be called by mythfilldatabase.

Since MythTV 0.21 it is possible to (on forehand) config your own grabbers in MythTV. This is done in mythtvsetup.

So, try /usr/local/bin/tv_grab_nl_upc_wrapper. If it is ok, you will see a couple of messages from mythfilldatabase:

```
### bypassing grabbers, reading directly from file
2006-09-17 14:20:57.863 Using runtime prefix = /usr
2006-09-17 14:20:57.882 New DB connection, total: 1
2006-09-17 14:20:57.887 Connected to database 'mythconverg' at host: localhost
2006-09-17 14:20:58.406 New DB connection, total: 2
2006-09-17 14:20:58.407 Connected to database 'mythconverg' at host: localhost
2006-09-17 14:20:59.194 Updating icons for sourceid: 2
2006-09-17 14:20:59.195 New DB connection, total: 3
2006-09-17 14:20:59.196 Connected to database 'mythconverg' at host: localhost
```

Andere meldingen over toevoegingen en verwijderingen weggeknipt...

```
2006-09-17 14:21:12.871 Keeping 7 days of data.
2006-09-17 14:21:13.076 Adjusting program database end times.
2006-09-17 14:21:13.274    0 replacements made
2006-09-17 14:21:13.274 Marking generic episodes.
2006-09-17 14:21:13.399    Found 0
2006-09-17 14:21:13.400 Marking repeats.
2006-09-17 14:21:13.511    Found 0
2006-09-17 14:21:13.511 Unmarking new episode rebroadcast repeats.
2006-09-17 14:21:13.620    Found 0
2006-09-17 14:21:13.928 Marking episode first showings.
2006-09-17 14:21:17.422    Found 5206
2006-09-17 14:21:17.422 Marking episode last showings.
2006-09-17 14:21:20.902    Found 5206
2006-09-17 14:21:20.941
=====
| Attempting to contact the master backend for rescheduling. |
| If the master is not running, rescheduling will happen when |
| the master backend is restarted.                            |
=====
2006-09-17 14:21:20.945 Connecting to backend server: 127.0.0.1:6543 (try 1 of 5)
2006-09-17 14:21:20.946 Using protocol version 30
2006-09-17 14:21:20.989 mythfilldatabase run complete.
```

As last thing you will need to add a crontab-entry for tv_grab_nl_upc_wrapper, so the programm info will be updated daily. So run crontab -e as the user that has started mythfrontend opstart and put something like:

```
35 05 * * * nice /usr/local/bin/tv_grab_nl_upc_wrapper > /var/log/mythtv/mythfilldatabase.log 2>&1
```

into the crontab editor.

12/18/2013 11:20 am - brfransen

- Status changed from New to Feedback

Is this still needed?

12/18/2013 11:20 am - brfransen

- *Tracker changed from Bug to Feature*

10/16/2014 06:47 am - brfransen

- *Status changed from Feedback to Closed*

No feedback, closing