Tvheadend - Bug #5408

Picons build fails on TVH 4.3

2018-12-08 21:16 - Philip Walsh

Status:	New	**Start date:**	2018-12-08
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Configuration	**Estimated time:**	0.00 hour
Target version:			
Found in version:	4.3	**Affected Versions:**	

Description

Cross posting bug from picons bug tracker: https://gitlab.com/picons/picons/issues/46

The picons servicelist build script is broken with TVH 4.3. Is this due to a config folder change? If so, is it still possible to obtain the channel list from the config folder or does it require a running TVH instance and using the API?

History

#1 - 2018-12-09 16:38 - Jaroslav Kysela

I don't like when third-party software touches tvheadend's configuration files. All requests should be handled using the json API or htsp API.

#2 - 2018-12-09 16:42 - Jaroslav Kysela

Also, the 'picon://' URLs are generated only when the user configures tvheadend to use this picon scheme in the base config.

#3 - 2018-12-09 16:58 - Jaroslav Kysela

Obtaining the list of channels is simple as (hint: "limit" "start" to get only subset of items):

```
TVH_USER=user TVH_PASS=pass TVH_API_URL='http://localhost:9981/api' tvh-json.py get channel/grid "{\"limit\":1000}"
```

But I think that the problem is with the picon scheme, you need to walk through all services/muxes etc., filter them with enabled channels and generate picons:

```
tvh-json.py get mpegts/mux/grid "{\"limit\":1000}"
tvh-json.py get mpegts/service/grid "{\"limit\":1000}"
```

Use 'uuid' to see which services belongs to a channel.

#4 - 2018-12-09 17:12 - Jaroslav Kysela

Sorry, you're already using the http json api, but this is really available only when the correct picon scheme is set in the base config (tvheadend).

```
serviceref=$(echo $rx_buf |  jq -r '.entries[].icon'  | grep -o '1_0_.*_.*_.*_.*_.*_0_0_0')
```

It must be set in the base config:

'Prefer picons over channel icons'

It may cause clashes between name based channel icons and picons (service id based icons).

Anyway, you're really looking for a deep info, thus I would really suggest to gather the information using all sources (service/mux/channel database). Another way is to export all used picon paths through the http protocol (something like playlist) - the list would be generated by tvh.