

Enigma2:WebInterface

Aus DreamboxWIKI

Inhaltsverzeichnis

- 1 General
- 2 Technical
 - 2.1 Concept
 - 2.2 Generated API Documentation
 - 2.3 Live Updates
 - 2.4 Client API
 - 2.4.1 Box General Info
 - 2.4.2 Movie location
 - 2.4.3 Volume
 - 2.4.4 Audio Tracks
 - 2.4.5 EPG
 - 2.4.6 Timer
 - 2.4.7 Message
 - 2.4.8 RemoteControl
 - 2.4.9 Settings
 - 2.4.10 Bouquets
 - 2.4.11 reload lamedb or Userbouquets
 - 2.4.12 Zap
 - 2.4.13 Streaming
 - 2.4.14 Current Channel
 - 2.4.15 Miscellaneous
- 3 Links

General

With the Webinterface you can Control your Box using a Browser. The Dreambox Webinterface (short WebIf) is included in all newer Images. The latest version of the WebIf can be obtained via CVS. You can also use the Webinterface API in your 3rd Party Applications to control the box or display information.

You can reach the WebIf by pointing your Browser to the IP if your Box (e.g. 192.168.0.21), or if name resolution works by calling <http://dreambox>.

Technical

The Webinterface is fully embedded into enigma2. It is able to use ANY functionality and obtain ANY Information enigma2 can deliver.

Concept

The Webinterface works with a Client-/Server based Concept. The Webinterface Plugin provides you with 2 Major things.

1. A Client API which you can access with any client (html/javascript, c++, java) you want to
 1. Control your Box and obtain Information for Channels (EPG, Timers, Recorded Movies, etc)
 2. Results are returned as xml
2. A http client you can use with your browser

Generated API Documentation

You can find a generated API Documentation here: <http://dream.reichholf.net/e2web/>
This list will be updated automatically.

Live Updates

One of the major Improvements compared to the Webinterface of enigma1 is the Live-Update functionality. Changes can be automatically delivered to the webinterface without polling the server or reloading the whole page. This is realized by using a never ending Connection which is used to execute the DOM-Manipulation cmds.

```
<script>parent.set("CurrentTime", "19:46:32");</script>
<script>parent.set("CurrentService", Channelname(19.2?E));</script>
<script>parent.set("Event_Now_Name", "Name of Current event");</script>
<script>parent.set("Event_Now_Extended_Description", "Extended description of current event");</script>
<script>parent.set("Event_Now_Begin", "19:40");</script>
<script>parent.set("Event_Now_Remaining", "+28 min");</script>
<script>parent.set("Event_Next_Name", "Name of next Event");</script>
<script>parent.set("Event_Next_Begin", "20:15");</script>
<script>parent.set("Event_Next_Remaining", "60 min");</script>
<script>parent.set("Event_Next_Extended_Description", "Extendes description of next event");</script>
```

Client API

The API can be used by making http requests to your Box. As described above every request will usually result in a valid xml response.

Box General Info

Request:

- http://IP_of_your_box/web/about

Or via Telnet use at the Telnet prompt:

- `wget -q -O - http://127.0.0.1/web/about`

Result is (here a DM800 / no HDD):

```
<?xml version="1.0" encoding="UTF-8"?>
<e2abouts>
  <e2about>
    <e2enigmaversion>dev-2008-05-19</e2enigmaversion>
    <e2landhcp>True</e2landhcp>
    <e2lanip>10.101.98.94</e2lanip>
    <e2lanmask>255.255.255.0</e2lanmask>
    <e2langw>10.101.98.1</e2langw>

    <e2fpversion>?</e2fpversion>
    <e2webifversion>Beta 0.98.5</e2webifversion>
    <e2tunerinfo>
      <e2nim>
        <name>Tuner A</name>
        <type> Alps BSBE2 (DVB-S2)</type>
      </e2nim>
    </e2tunerinfo>
    <e2hddinfo>
      <model>N/A</model>
      <capacity>-</capacity>
      <free>-</free>
    </e2hddinfo>

    <e2servicename>Das Erste</e2servicename>
    <e2serviceprovider>ARD </e2serviceprovider>
    <e2serviceaspect>4:3</e2serviceaspect>
    <e2servicevideosize>-1x-1</e2servicevideosize>
    <e2servicenamespace>0xc00000</e2servicenamespace>

    <e2vpid>101</e2vpid>
    <e2apid>102</e2apid>
    <e2pcrid>101</e2pcrid>
    <e2pmtpid>100</e2pmtpid>
    <e2txtpid>104</e2txtpid>
    <e2tsid>1101</e2tsid>
    <e2onid>1</e2onid>
    <e2sid>28106</e2sid>
  </e2about>
</e2abouts>
```

DM8000:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2abouts>
  <e2about>
    <e2enigmaversion>Mar 29 2012</e2enigmaversion>
    <e2imageversion>Apr 3 2012 16:58:47</e2imageversion>
    <e2webifversion>1.6.8</e2webifversion>
    <e2fpversion>7</e2fpversion>
    <e2model>dm8000</e2model>
    <e2lanmac>d8:5d:4c:eb:55:23</e2lanmac>
    <e2landhcp>True</e2landhcp>
    <e2lanip>0.0.0.0</e2lanip>
    <e2lanmask>0.0.0.0</e2lanmask>
    <e2langw>0.0.0.0</e2langw>
    <e2tunerinfo>
      <e2nim>
        <name>Tuner A</name>
        <type> BCM4506 (internal) (DVB-S2)</type>
      </e2nim>
      <e2nim>
        <name>Tuner B</name>
        <type> BCM4506 (internal) (DVB-S2)</type>
      </e2nim>
      <e2nim>
        <name>Tuner C</name>
        <type> (empty)</type>
      </e2nim>
      <e2nim>
        <name>Tuner D</name>
        <type> (empty)</type>
      </e2nim>
    </e2tunerinfo>
    <e2servicename>Animal Planet</e2servicename>
    <e2servicenamespace/>
    <e2serviceaspect/>
    <e2serviceprovider>HTB+</e2serviceprovider>
    <e2videowidth>N/A</e2videowidth>
    <e2videoheight>N/A</e2videoheight>
    <e2servicevideosize>N/AxN/A</e2servicevideosize>
    <e2apid>N/A</e2apid>
    <e2vpid>N/A</e2vpid>
    <e2pcrpid>N/A</e2pcrpid>
    <e2pmtpid>N/A</e2pmtpid>
    <e2txtpid>N/A</e2txtpid>
    <e2tsid>5</e2tsid>
    <e2onid>112</e2onid>
    <e2sid>20504</e2sid>
  </e2about>
</e2abouts>
```

Request:

- http://IP_of_your_box/web/deviceinfo

Result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2deviceinfo>
  <e2enigmaversion>Mar 29 2012</e2enigmaversion>
  <e2imageversion>Apr 3 2012 16:58:47</e2imageversion>
  <e2webifversion>1.6.8</e2webifversion>
  <e2fpversion>7</e2fpversion>
  <e2devicename>dm8000</e2devicename>
  <e2frontends>
    <e2frontend>
      <e2name>Tuner A</e2name>
      <e2model> BCM4506 (internal) (DVB-S2)</e2model>
    </e2frontend>
    <e2frontend>
      <e2name>Tuner B</e2name>
      <e2model> BCM4506 (internal) (DVB-S2)</e2model>
    </e2frontend>
    <e2frontend>
      <e2name>Tuner C</e2name>
      <e2model> (empty)</e2model>
    </e2frontend>
    <e2frontend>
      <e2name>Tuner D</e2name>
      <e2model> (empty)</e2model>
    </e2frontend>
  </e2frontends>
  <e2network>
    <e2interface>
      <e2name>eth0</e2name>
      <e2mac>00:09:34:1c:9e:d2</e2mac>
      <e2dhcp>False</e2dhcp>
      <e2ip>192.0.2.2</e2ip>
```

```
<e2gateway>192.0.2.1</e2gateway>
<e2netmask>255.255.255.0</e2netmask>
</e2interface>
</e2network>
<e2hdds>
</e2hdds>
</e2deviceinfo>
```

Movie location

Show a movie locations.

Request:

- http://IP_of_your_box/web/getlocations

Result:

```
<e2locations>
  <e2location>/hdd/movie/</e2location>
</e2locations>
```

Show a movie current location (What does "current" mean?).

Request:

- http://IP_of_your_box/web/getcurrlocation

Result:

```
<e2locations>
  <e2location>/hdd/movie</e2location>
</e2locations>
```

Volume

Requests:

- Get current Volume: <http://dreambox/web/vol> oder <http://dreambox/web/vol?set=state>
- Set Volume to 23: <http://dreambox/web/vol?set=set23>
- Increase Volume: <http://dreambox/web/vol?set=up>
- Decrease Volume: <http://dreambox/web/vol?set=down>
- Switch Mute: <http://dreambox/web/vol?set=mute>

Result:

```
<?xml version="1.0" encoding="utf-8"?>
<e2volume>
  <e2result>True</e2result>
  <e2resulttext>state</e2resulttext>
  <e2current>5</e2current>
  <e2ismuted>False</e2ismuted>
</e2volume>
```

Parameter:

```
result = True if command successful, False otherwise
resulttext = textbased description of what succeeded/went wrong
current = current Volume - Value between 0 and 100
ismuted = True if muted, False if not
```

Audio Tracks

Displays the available audio tracks of the current service

Request:

- `http://IP_of_your_box/web/getaudiotracks`

or via Telnet:

- `wget -q -O - http://127.0.0.1/web/getaudiotracks`

Result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2audiotracklist>
  <e2audiotrack>
    <e2audiotrackdescription>MPEG (Stereo)</e2audiotrackdescription>
    <e2audiotrackid>0</e2audiotrackid>
    <e2audiotrackpid>120</e2audiotrackpid>
    <e2audiotrackactive>True</e2audiotrackactive>
  </e2audiotrack>
  <e2audiotrack>
    <e2audiotrackdescription>MPEG (mono/Hörfilm)</e2audiotrackdescription>
    <e2audiotrackid>1</e2audiotrackid>
    <e2audiotrackpid>121</e2audiotrackpid>
    <e2audiotrackactive>False</e2audiotrackactive>
  </e2audiotrack>
  <e2audiotrack>
    <e2audiotrackdescription>AC3 (Dolby Digital)</e2audiotrackdescription>
    <e2audiotrackid>2</e2audiotrackid>
    <e2audiotrackpid>125</e2audiotrackpid>
    <e2audiotrackactive>False</e2audiotrackactive>
  </e2audiotrack>
</e2audiotracklist>
```

To **select** a specific audio track you first have to find out its **id** via the "getaudiotracks" command. Then use the id as a parameter on this command:

Request:

- `http://IP_of_your_box/web/selectaudiotrack?id=2`

or via Telnet:

- `wget -q -O - http://127.0.0.1/web/selectaudiotrack?id=2`

Result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2result>Success</e2result>
```

In case you issued an invalid (non-existing) id you get this result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2result>Error</e2result>
```

EPG

Request:

- `http://IP_of_your_box/web/epgservice?sRef=1:0:1:19A:136:70:1680000:0:0:0:`

Result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2eventlist>
  <e2event>
    <e2eventid>4873</e2eventid>
    <e2eventstart>1330276500</e2eventstart>
    <e2eventduration>6600</e2eventduration>
    <e2eventcurrenttime>1330279058</e2eventcurrenttime>
    <e2eventtitle>Мистическая пятёрка</e2eventtitle>
    <e2eventdescription/>
    <e2eventdescriptionextended>В канун Хэллоуина шенки оказываются далеко за городом в таинственном особняке, где их ждут удивительные
Заручившись поддержкой друзей, им придётся приложить немало усилий, чтобы помешать коварным планам злого колдуна.</e2eventdescriptionextended>
    <e2eventservicereference>1:0:1:19A:136:70:1680000:0:0:0:</e2eventservicereference>
    <e2eventservicename>Disney </e2eventservicename>
  </e2event>
  <e2event>
    <e2eventid>4967</e2eventid>
    <e2eventstart>1330283100</e2eventstart>
    <e2eventduration>3300</e2eventduration>
    <e2eventcurrenttime>1330279058</e2eventcurrenttime>
    <e2eventtitle>Легенда об Искателе</e2eventtitle>
    <e2eventdescription>Фантастика</e2eventdescription>
    <e2eventdescriptionextended>Сериал рассказывает о приключениях персонажей серии книг писателя-фантаста Терри Гудкайна под названием
    <e2eventservicereference>1:0:1:19A:136:70:1680000:0:0:0:</e2eventservicereference>
    <e2eventservicename>Disney </e2eventservicename>
  </e2event>
  ...
</e2eventlist>
```

Requests:

- <http://dreambox/web/epgsearch?search={searchstring}>
- <http://dreambox/web/epgnow?bRef={bouquetRev}>
- <http://dreambox/web/epgnow?bRef=1:0:1:335:9dd0:7e:820000:0:0:0:>

Timer

Request:

- http://IP_of_your_box/web/timeraddbyeventid?sRef=1:0:1:7926:A:70:1680000:0:0:0:&eventid=53779&dirname=/hdd/movie/

Result:

```
<e2simplexmlresult>
  <e2state>True</e2state>
  <e2statetext>Timer 'ФОРУМ. Продолжение' added</e2statetext>
</e2simplexmlresult>
```

Request:

- <http://dreambox/web/timerlist>

Result:

```
<e2timerlist>
  <e2timer>
    <e2servicereference>1:0:1:7926:A:70:1680000:0:0:0:</e2servicereference>
    <e2servicename>P5K-TB</e2servicename>
    <e2eit>53779</e2eit>
    <e2name>ФОРУМ. Продолжение</e2name>
    <e2description/>
    <e2descriptionextended/>
    <e2disabled>0</e2disabled>
    <e2timebegin>1330283100</e2timebegin>
    <e2timeend>1330285320</e2timeend>
    <e2duration>2220</e2duration>
    <e2startprepare>1330283406.12</e2startprepare>
    <e2justplay>0</e2justplay>
    <e2afterevent>3</e2afterevent>
    <e2location>/hdd/movie/</e2location>
    <e2tags/>
    <e2logentries>[(1330283150, 15, 'record time changed, start prepare is now: Sun Feb 26 20:04:40 2012'), (1330283150, 5, 'activating
(1330283150, 0, 'Filename calculated as: '/hdd/movie/20120226 2005 - \xd0\xa0\xd0\x91\xd0\x9a-\xd0\xa2\xd0\x92 - \xd0\xa4\xd0\x9e\xd0\xa0\xd0
\xd0\x9f\xd1\x80\xd0\xbe\xd0\xb4\xd0\xbe\xd0\xbb\xd0\xb6\xd0\xb5\xd0\xbd\xd0\xb8\xd0\xb5'), (1330283150, 4, 'failed to write meta informati
10, 'backoff: retry in 5 seconds'), (1330283150, 16, 'record event 5'), (1330283150, 16, 'record event 1'), (1330283150, 7, 'prepare failed
```

```
'zap without asking'), (1330283151, 13, 'ok, zapped away'), (1330283155, 5, 'activating state 1'), (1330283155, 0, "Filename calculated as:
2005 - \xd0\xa0\xd0\x91\xd0\x9a-\xd0\xa2\xd0\x92 - \xd0\xa4\xd0\x9e\xd0\xa0\xd0\xa3\xd0\x9c_ \xd0\x9f\xd1\x80\xd0\xbe\xd0\xb4\xd0\xbe\xd0\x
\xd0\xbd\xd0\xb8\xd0\xb5'"), (1330283155, 16, 'record event 2'), (1330283155, 16, 'record event 6'), (1330283156, 4, 'failed to write meta i
(1330283156, 10, 'backoff: retry in 10 seconds'), (1330283156, 16, 'record event 5'), (1330283156, 16, 'record event 1'), (1330283156, 7, 'p
(1330283166, 5, 'activating state 1'), (1330283166, 0, "Filename calculated as: '/hdd/movie/20120226 2005 - \xd0\xa0\xd0\x91\xd0\x9a-\xd0\xa
\xd0\x9e\xd0\xa0\xd0\xa3\xd0\x9c_ \xd0\x9f\xd1\x80\xd0\xbe\xd0\xb4\xd0\xbe\xd0\xbb\xd0\xb6\xd0\xb5\xd0\xbd\xd0\xb8\xd0\xb5'"), (1330283166,
2'), (1330283166, 16, 'record event 6'), (1330283166, 4, 'failed to write meta information'), (1330283166, 10, 'backoff: retry in 20 second
'record event 5'), (1330283166, 16, 'record event 1'), (1330283166, 7, 'prepare failed'), (1330283186, 5, 'activating state 1'), (1330283186
calculated as: '/hdd/movie/20120226 2005 - \xd0\xa0\xd0\x91\xd0\x9a-\xd0\xa2\xd0\x92 - \xd0\xa4\xd0\x9e\xd0\xa0\xd0\xa3\xd0\x9c_ \xd0\x9f\x
\xd0\xbe\xd0\xbb\xd0\xb6\xd0\xb5\xd0\xbd\xd0\xb8\xd0\xb5'"), (1330283186, 16, 'record event 2'), (1330283186, 16, 'record event 6'), (133028
write meta information'), (1330283186, 10, 'backoff: retry in 40 seconds'), (1330283186, 16, 'record event 5'), (1330283186, 16, 'record eve
7, 'prepare failed'), (1330283226, 5, 'activating state 1'), (1330283226, 0, "Filename calculated as: '/hdd/movie/20120226 2005 - \xd0\xa0\x
\xd0\xa2\xd0\x92 - \xd0\xa4\xd0\x9e\xd0\xa0\xd0\xa3\xd0\x9c_ \xd0\x9f\xd1\x80\xd0\xbe\xd0\xb4\xd0\xbe\xd0\xbb\xd0\xb6\xd0\xb5\xd0\xbd\xd0\x
(1330283226, 16, 'record event 2'), (1330283226, 16, 'record event 6'), (1330283226, 4, 'failed to write meta information'), (1330283226, 10
80 seconds'), (1330283226, 16, 'record event 5'), (1330283226, 16, 'record event 1'), (1330283226, 7, 'prepare failed'), (1330283306, 5, 'ac
(1330283306, 0, "Filename calculated as: '/hdd/movie/20120226 2005 - \xd0\xa0\xd0\x91\xd0\x9a-\xd0\xa2\xd0\x92 - \xd0\xa4\xd0\x9e\xd0\xa0\x
\xd0\x9f\xd1\x80\xd0\xbe\xd0\xb4\xd0\xbe\xd0\xbb\xd0\xb6\xd0\xb5\xd0\xbd\xd0\xb8\xd0\xb5'"), (1330283306, 16, 'record event 2'), (133028330
6'), (1330283306, 4, 'failed to write meta information'), (1330283306, 10, 'backoff: retry in 100 seconds'), (1330283306, 16, 'record event
'record event 1'), (1330283306, 7, 'prepare failed')]/</e2logentries>
<e2filename>/hdd/movie/20120226 2005 - РБК-ТВ - ФОРУМ_ Продолжение</e2filename>
<e2backoff>100</e2backoff>
<e2nextactivation>/>
<e2firsttryprepare>False</e2firsttryprepare>
<e2state>0</e2state>
<e2repeated>0</e2repeated>
<e2dontsave>0</e2dontsave>
<e2cancelled>False</e2cancelled>
<e2togglendisabled>1</e2togglendisabled>
<e2togglendisabledimg>off</e2togglendisabledimg>
</e2timer>
</e2timerlist>
```

Request:

- [http://IP_of_your_box/web/timerdelete?](http://IP_of_your_box/web/timerdelete?sRef=1:0:1:7926:A:70:1680000:0:0:0:&begin=1330283100&end=1330285320)
[sRef=1:0:1:7926:A:70:1680000:0:0:0:&begin=1330283100&end=1330285320](http://IP_of_your_box/web/timerdelete?sRef=1:0:1:7926:A:70:1680000:0:0:0:&begin=1330283100&end=1330285320)

Result:

```
<e2simplexmlresult>
  <e2state>True</e2state>
  <e2statetext>The timer 'ФОРУМ. Продолжение' has been deleted successfully</e2statetext>
</e2simplexmlresult>
```

Requests:

- <http://dreambox/web/timeradd?sRef={serviceRef}&begin={begin}&end={end}&name={name}&description={description}&eit={eit}&disabled={disabled}&justplay={justplay}&afterevent={afterevent}>
- <http://dreambox/web/timerchange?sRef={serviceRef}&begin={begin}&end={end}&name={name}&description={description}&eit={eit}&disabled={disabled}&justplay={justplay}&afterevent={afterevent}>
- <http://dreambox/web/timeronoff?sRef={serviceRef}&begin={begin}&end={end}>
- http://dreambox/web/tvbrowser?command=add&syear={start_year}&smnth={start_month}&sday={start_day}&shour={start_hour}&smin={start_minute}&eyear={end_year}&emonth={end_month}&eday={end_day}&ehour={end_hour}&emin={end_minute}&sRef={serviceRef}&name={title}&description={description}&afterevent=0&eit=&disabled=0&justplay=0&repeated=0
- http://dreambox/web/tvbrowser?command=add&syear={start_year}&smnth={start_month}&sday={start_day}&shour={start_hour}&smin={start_minute}&eyear={end_year}&emonth={end_month}&eday={end_day}&ehour={end_hour}&emin={end_minute}&sRef={serviceRef}&name={title}&description={description}&afterevent=0&eit=&disabled=0&justplay=0&repeated=0
- http://dreambox/web/tvbrowser?command=del&syear={start_year}&smnth={start_month}&sday={start_day}&shour={start_hour}&smin={start_minute}&eyear={end_year}&emonth={end_month}&eday={end_day}&ehour={end_hour}&emin={end_minute}&sRef={serviceRef}&name={title}&description={description}&afterevent=0&eit=&disabled=0&justplay=0&repeated=0

Message

Requests:

- <http://dreambox/web/message?text={messagetext}&type={messagetype}&timeout={messagetimeout}>

Parameter:

```
messagetext=Text of Message
messagetype=Number from 0 to 3, 0= Yes/No, 1= Info, 2=Message, 3=Attention
timeout=Can be empty or the Number of seconds the Message should disappear after.
```

Result:

```
<e2message>
  <e2result>True</e2result>
  <e2resulttext>Message send to screen</e2resulttext>
</e2message>
```

Requests:

- <http://dreambox/web/messageanswer?getanswer=now>

Result:

```
<e2message>
  <e2result>True</e2result>
  <e2resulttext>Answer is (YES|NO)!</e2resulttext>
</e2message>
```

RemoteControl

Requests:

- <http://dreambox/web/remotectl?command={command}>

result:

```
<e2remotectl>
  <e2result>True</e2result>
  <e2resulttext>command was was sent</e2resulttext>
</e2remotectl>
```

{Command} is (slight differences to the Enigma1 WebIF):

```
116 Key "Power"
2 Key "1"
3 Key "2"
4 Key "3"
5 Key "4"
6 Key "5"
7 Key "6"
8 Key "7"
9 Key "8"
10 Key "1"
11 Key "0"
412 Key "previous"
407 Key "next"
115 Key "volume up"
113 Key "mute"
402 Key "bouquet up"
114 Key "volume down"
174 Key "lame"
403 Key "bouquet down"
358 Key "info"
103 Key "up"
139 Key "menu"
105 Key "left"
352 Key "OK"
106 Key "right"
392 Key "audio"
108 Key "down"
393 Key "video"
398 Key "red"
399 Key "green"
400 Key "yellow"
401 Key "blue"
377 Key "tv"
```

```
1385 Key "radio"
1388 Key "text"
138 Key "help"
```

Settings

Requests:

- <http://dreambox/web/settings>

Result:

```
<e2settings>
  <e2setting>
    <e2settingvalue>0</e2settingvalue>
    <e2settingname>config.recording.margin_before</e2settingname>
  </e2setting>
  <e2setting>
    <e2settingvalue>0</e2settingvalue>
    <e2settingname>config.recording.margin_after</e2settingname>
  </e2setting>
</e2settings>
```

Bouquets

Requests:

- `http://dreambox/web/getservices?ServiceListBrowse= ' plus encoded serviceref`

...anybody knows what the result looks like...?

- `http://IP_of_your_box/web/getservices`

or via Telnet:

- `wget -q -O - http://127.0.0.1/web/getservices`

Result (more than one bouquet assumed):

```
<?xml version="1.0" encoding="UTF-8"?>  
<e2servicelist>  
  <e2service>  
    <e2servicereference>1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.dbe00.tv" ORDER BY bouquet</e2servicereference>  
    <e2servicename>Normal</e2servicename>  
  </e2service>  
  <e2service>  
    <e2servicereference>1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.dbe04.tv" ORDER BY bouquet</e2servicereference>  
    <e2servicename>Premiere</e2servicename>  
  </e2service>  
  <e2service>  
    <e2servicereference>1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.dbe01.tv" ORDER BY bouquet</e2servicereference>  
    <e2servicename>Sport+News</e2servicename>  
  </e2service>  
  <e2service>  
    <e2servicereference>1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.dbe02.tv" ORDER BY bouquet</e2servicereference>  
    <e2servicename>Kinder+Music</e2servicename>  
  </e2service>  
  <e2service>  
    <e2servicereference>1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.dbe03.tv" ORDER BY bouquet</e2servicereference>  
    <e2servicename>HD</e2servicename>  
  </e2service>  
  <e2service>  
    <e2servicereference>1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.favourites.tv" ORDER BY bouquet</e2servicereference>  
    <e2servicename>Favourites (TV)</e2servicename>  
  </e2service>  
</e2servicelist>
```

The services within a bouquet are requested by specifying the **service reference**. The service reference of the last bouquet from above is:

```
1:7:1:0:0:0:0:0:0:FROM BOUQUET "userbouquet.favourites.tv" ORDER BY bouquet
```

so the request is:

- `http://IP_of_your_box/web/getservices?sRef=1:7:1:0:0:0:0:0:0:0:FROM BOUQUET "userbouquet.favourites.tv" ORDER BY bouquet`

or via Telnet (replace all spaces with %20 and the " with %22):

- `wget -q -O - http://127.0.0.1/web/getservices?sRef=1:7:1:0:0:0:0:0:0:0:FROM%20BOUQUET%20%22userbouquet.favourites.tv%22%20ORDER%20BY%20bouquet`

Result is:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2servicelist>
  <e2service>
    <e2servicereference>1:0:1:6DCA:44D:1:C00000:0:0:0:</e2servicereference>
    <e2servicename>Das Erste</e2servicename>
  </e2service>
  <e2service>
    <e2servicereference>1:0:1:6D66:437:1:C00000:0:0:0:</e2servicereference>
    <e2servicename>ZDF</e2servicename>
  </e2service>
  <e2service>
    <e2servicereference>1:0:1:6D67:437:1:C00000:0:0:0:</e2servicereference>
    <e2servicename>3sat</e2servicename>
  </e2service>
  <e2service>
    <e2servicereference>1:0:1:445C:453:1:C00000:0:0:0:</e2servicereference>
    <e2servicename>SAT.1</e2servicename>
  </e2service>
  ...
</e2servicelist>
```

If there are headers within the bouquet an <e2service> entry looks like this:

```
<e2service>
  <e2servicereference>1:64:A:0:0:0:0:0:0:0:0:Premiere-Star---Astra(19.2E)-----</e2servicereference>
  <e2servicename>Premiere-Star---Astra(19.2E)-----</e2servicename>
</e2service>
```

Request:

- `http://IP_of_your_box/web/getallservices`

Result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2servicelistrecursive>
  <e2bouquet>
    <e2servicereference>1:7:1:0:0:0:0:0:0:0:FROM BOUQUET "userbouquet.favourites.tv" ORDER BY bouquet</e2servicereference>
    <e2servicename>Favourites (TV)</e2servicename>
    <e2servicelist>
      <e2service>
        <e2servicereference>1:0:19:2B5C:3F3:1:C00000:0:0:0:</e2servicereference>
        <e2servicename><n/a></e2servicename>
      </e2service>
      <e2service>
        <e2servicereference>1:0:19:2B66:3F3:1:C00000:0:0:0:</e2servicereference>
        <e2servicename><n/a></e2servicename>
      </e2service>
    </e2servicelist>
  </e2bouquet>
  <e2bouquet>
    <e2servicereference>1:7:1:0:0:0:0:0:0:0:FROM BOUQUET "userbouquet.LastScanned.tv" ORDER BY bouquet</e2servicereference>
    <e2servicename>Last Scanned</e2servicename>
    <e2servicelist>
      <e2service>
        <e2servicereference>1:0:1:280B:2:70:1680000:0:0:0:</e2servicereference>
        <e2servicename>12226V SID 0x280b</e2servicename>
      </e2service>
      <e2service>
        <e2servicereference>1:0:1:2810:2:70:1680000:0:0:0:</e2servicereference>
        <e2servicename>12226V SID 0x2810</e2servicename>
      </e2service>
    </e2servicelist>
  </e2bouquet>
  ...
</e2servicelistrecursive>
```

```

</e2servicelist>
  <e2servicereference>1:0:1:5015:5:70:1680000:0:0:0:</e2servicereference>
  <e2servicename>Discovery</e2servicename>
</e2service>
<e2service>
  <e2servicereference>1:0:1:2816:2:70:1680000:0:0:0:</e2servicereference>
  <e2servicename>12226V SID 0x2816</e2servicename>
</e2service>
<e2service>
  <e2servicereference>1:0:1:5016:5:70:1680000:0:0:0:</e2servicereference>
  <e2servicename>DIVA Universal</e2servicename>
</e2service>
<e2service>
  <e2servicereference>1:0:1:5018:5:70:1680000:0:0:0:</e2servicereference>
  <e2servicename>Animal Planet</e2servicename>
</e2service>
<e2service>
  <e2servicereference>1:0:1:5019:5:70:1680000:0:0:0:</e2servicereference>
  <e2servicename>TLC</e2servicename>
</e2service>
</e2servicelist>
</e2bouquet>
</e2servicelistrecursive>

```

reload lamedb or Userbouquets

Requests:

- <http://dreambox/web/servicelistreload?mode={mode}>

Mode can be:

- 0, reloading lamedb and Userbouquets
- 1, reloading lamedb only
- 2, reloading Userbouquets only

Result of mode=1:

```

<e2message>
  <e2result>true</e2result>
  <e2resulttext>reloaded lamedb</e2resulttext>
</e2message>

```

- e2result, true or false
- e2resulttext: contains strings with errortext if failed, in the other case the successfull command

Zap

Request:

- <http://dreambox/web/zap?sRef={servicereference}>

or via Telnet (this one switches to Anixe HD):

- `wget -q -O - http://127.0.0.1/web/zap?sRef=1:0:19:84:6:85:C00000:0:0:0:`

Result:

```

<rootElement></rootElement>

```

Issuing an invalid servicereference will get you the same result...

Streaming

Request:

- <http://dreambox/web/stream.m3u?ref={servicereference}>

Current Channel

Requests:

- <http://dreambox/web/subservices> 'subservices for current service'

Result:

```
<?xml version="1.0" encoding="UTF-8"?>
<e2servicelist>
  <e2service>
    <e2servicereference>1:0:1:335:9DD0:7E:820000:0:0:0:</e2servicereference>
    <e2servicename>M6 Suisse</e2servicename>
  </e2service>
</e2servicelist>
```

Miscellaneous

Requests:

- <http://dreambox/web/updates.html>
- <http://dreambox/web/movielist>
- <http://dreambox/web/powerstate?> to check Powerstate
- http://dreambox/web/powerstate?newstate={powerstate_number}
 - 0 = Toogle Standby
 - 1 = Deepstandby
 - 2 = Reboot
 - 3 = Restart Enigma2
 - 4 = Wakeup form Standby
 - 5 = Standby

Links

- Enigma2-Plugins CVS: http://schwerkraft.elitedvb.net/scm/?group_id=11

Grundlagen - Installation - Hardware - Entwicklung - Portal

Enigma - Enigma2 - Plugins - Spiele - Software - Tools - Howto - FAQ - Images

Hauptseite - News - Alle Artikel - Bewertungen - Gewünschte Seiten - Index - Neue Artikel - Impressum - Meilensteine - Team

Hilfeportal - Seite bearbeiten - Bilder - Links - Tabellen - Textgestaltung

Abgerufen von „<https://dream.reichholf.net/w/index.php?title=Enigma2:WebInterface&oldid=15497>“

Kategorien: [Register](#) | [Software](#) | [Enigma2](#)

- Diese Seite wurde zuletzt am 7. April 2012 um 17:22 Uhr geändert.
- Der Inhalt ist verfügbar unter der Lizenz GNU Free Documentation License 1.2, sofern nicht anders angegeben.