



How to setup an XMLTV EPG

The guide will be based on an example using <http://www.xmltv.co.uk> , but you can use any other XMLTV EPG source that you want

How to setup an XMLTV EPG:

Step1: Go to <http://www.xmltv.co.uk> and select an EPG file to download

Step 2: Download the XMLTV application in order to receive an API key

<http://sourceforge.net/projects/xmltv/files/?source=navbar>

Select the **data** you would like and accept the **lineup**,

e.g. select- Simple UK listings data/ Accept PA and UK channels lineup

Step 3: Open the application and configure it and enable available source, PA and UK channels lineup

How to setup an EPG grabber:

Step 1: Go to <http://sourceforge.net/projects/xmltv/files/?source=navbar>

Download the latest version and extract it to a folder on your PC

Step 2: Configure the XMLTV application

- Use CMD (command line) and go to the XMLTV folder and type the following command
xmltv tv_grab_uk_xmltv - configure

- Accept or correct the time zone and the cache folder

- paste your API key from your XMLTV application

- Select **yes** or **no** for brand/series and summary IDS

- Press **enter** on region to receive the region list

- Select **TV provider** and your **region**

- Type "all" to receive an EPG for all the channels

Step 3: Fetch the EPG data **xmltv tv_grab_uk_xmltv-7 days-output tvguide.xml – quiet**

After you have downloaded the file, we recommend to check it by dragging and dropping it to the web browser. If you see data, it means that the file is good.



How to create an automatic scheduler in Windows 10

Step 1: Create a batch file, open **Notepad** and paste the following line:

xmltv tv_grab_uk_xmltv-7 days-output tvguide.xml – quiet

Step 2: Save it in the **XMLTV folder** under the name **run.bat**

- It is recommended to run the run.bat file to see if it is working properly
- After running it, check that the folder **users/<username>/xmltv/chace** is filling with data
- When the data collection ends you will have a new **tvguide.xml** file in the XMLTV folder

Step 3: Create a scheduled task in Windows 10

- Open the **Task Scheduler**, can be found the **Control Panel** under **Administrative Tools**
- In the menu bar under **Action** select **Create Basic Task**
- Follow the **Wizard's** instructions
- In the **Action** tab select **Start a program**
- Browse the run.bat file you created on step 2
- In **Start in**, enter the full path of the location of the XMLTV.exe file (optional)
- Below it, tick the box, **Open the Properties dialog for this task when I click finish**
- Review all the settings and make sure that the task will update the EPG, preferably set the task to run when: 1. The user is logged in or out, 2. Under Conditions/Power/Wake computer, 3. In settings, set recovery options



How to set an External XML TV path manually

There are two ways to create an External XML TV path, using the Wizard or doing it manually. This guide explains how to do it manually

Step 1: Open your VBox **Setup** menu, go to **Streaming** and then to **Program Guide**.

Under **program Guide Source** select **External XML TV (Beta)** and click Submit.

Under **External XML TV Source (Beta)** select **Network/URL (Manual)** and enter the path manually in the following ordered: `//<PC name or NAS name>/<folder path>/<xml tv file name>`

(see example in the **red box** below) and then click Set

The screenshot shows the VBox web interface. On the left is a navigation menu with the following items: System, Streaming (selected), Status, Manage Channels, Manage Recordings, Add Channels, Program Guide (selected), Language Settings, IPTV, Advanced Settings, Tuners, Network, Quick Setup, LiveTV Apps, and Shutdown. The main content area is divided into two sections. The top section is titled 'Program Guide Source' and contains three radio button options: 'Live Signal', 'Live Signal with Channel Pairing (Beta)', and 'External XML TV (Beta)'. The 'External XML TV (Beta)' option is selected and has a green label '- Current Setting' next to it. Below these options is a 'Submit' button. The bottom section is titled 'External XML TV Source (Beta)'. It contains two radio button options: 'NETWORK (Wizard)' and 'NETWORK / URL (Manual)'. The 'NETWORK / URL (Manual)' option is selected and is enclosed in a red rectangular box. Below this option is a text input field containing the path '//dell/xti/6784.xml'. Below the text input field are two more input fields: 'User (optional)' with the value 'vbox' and 'Password (optional)' with a masked password of seven dots. To the right of the password field is a 'Set' button.



Step 2: You should receive a **success message** and then click Ok

A screenshot of the VBox web interface. On the left is a navigation menu with categories like System, Streaming, Tuners, Network, and Shutdown. The 'Program Guide' section is expanded. The main content area has two sections: 'Program Guide Source' with radio buttons for 'Live Signal', 'Live Signal with Channel Pairing (Beta)', and 'External XMLTV (Beta)'. The 'External XMLTV (Beta)' option is selected and labeled as the 'Current Setting'. Below it is a 'Submit' button. The second section is 'External XMLTV Source (Beta)', which contains a dark blue 'Note' box with white text: 'Path was successfully set. Click 'Auto Match' or 'Manual Match' to match channels'. An 'OK' button is highlighted with a red dashed border. Below the note are input fields for 'URL' and 'Password (optional)', and a 'Set' button.



Step 3: under **Channel Matching** select a matching option, **Auto Match** or **Manual Match**.
Please note that the **Auto Match** option works on crossing channels names, existing vs new.
When the process is done, click **Sync Guide Now**, wait for a **success message** and you are done!

The screenshot shows the V-Box Communications web interface. On the left is a navigation menu with options: System, Streaming, Status, Manage Channels, Manage Recordings, Add Channels, Program Guide (selected), Language Settings, IPTV, Advanced Settings, Tuners, Network, Quick Setup, LiveTV Apps, and Shutdown. The main content area is divided into several sections:

- Program Guide Source:** Includes radio buttons for Live Signal, Live Signal with Channel Pairing (Beta), and External XMLTV (Beta) (which is selected and labeled as the current setting). A Submit button is present.
- External XMLTV Source (Beta):** Includes radio buttons for NETWORK (Wizard) and NETWORK / URL (Manual) (selected). The URL field contains //dell/xti/6784.xml. There are optional fields for User (vbox) and Password (masked with dots), and a Set button.
- External XMLTV Settings:** Includes a checked checkbox for Use channel icons from external XMLTV file and a field for Update program guide from XMLTV file every day at: 00:00. A Save button is present.
- Channel Matching:** Includes the text "Please choose a matching option" and two buttons: Auto Match and Manual Match. Both buttons are highlighted with a red border.
- External XMLTV Synchronization Status:** Includes a Sync Guide Now button and an information icon. Below it, the status is shown as Sync status: OK, Sync error: none, and Last time synced: Thu Jul 26, 2018 [14:44].



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