



Schedules Direct is a non-profit organization whose mission is to educate the public about the benefits of Open Source Software and other free software, provide support functions for such software, and provide funding for research that facilitates the improvement or creation of Open Source Software and other free software for the benefit of the public at large.

To this end, one of the benefits of membership is access to television program guide listings for use in the Open Source and Freeware applications listed among our Approved Applications. Keep reading to find out more about these programs.



MythTV is a Free Open Source digital video recorder (DVR) project distributed under the terms of the GNU GPL and runs under Linux and Mac OS X. It has been under heavy development since 2002, and now contains most features one would expect from a good DVR (and many new ones that you soon won't be able to live without). It also works with a variety of official and third-party plugins, including music and video libraries, weather information, and a web browser interface.

Though it is distributed only as source code, packages are available for many Linux distributions, and there are also several derivatives of popular distributions designed around MythTV (e.g. KnoppMyth, MythDora, and Mythbuntu), which make it quite easy to set up your own "Myth Box".



XMLTV is a set of utilities to manage your TV viewing. They work with TV listings stored in the XMLTV format, which is based on XML. This allows for a single utility library like XMLTV to be developed separately from, but still be shared by dozens of unrelated applications that rely on it for retrieving TV listings information from around the globe.

Many of the applications approved for use with Schedules Direct's listings service rely on XMLTV to obtain their TV data.



GB-PVR
www.gbivr.com

GB-PVR is a fully featured free home media center application for Windows, allowing you to easily use your remote to watch TV, schedule recordings, watch videos, listen to music, view photos etc. GB-PVR is well supported, and works with a large number of the available analog, DVB, and ATSC/QAM capture devices. The GB-PVR user interface makes these features available on your PC, client PCs, or specialized media extender devices.

Though the majority of Schedules Direct members use one or more of the three projects listed on the first page of this handout, there are currently over 40 software projects supported by Schedules Direct.

You can find links to downloads and more information about all of these applications on our website:
<http://www.schedulesdirect.org/approvedsoftware>

Any software that is free and/or uses an OSI-approved Open Source license can request inclusion in Schedules Direct's Approved Applications list. Most will be added to the list if they do not violate our Subscriber Agreement or Terms of Service.

Standalone Applications:

The accessDTV Electronic Program Guide (**ADTV_EPG**) is a tool that works cooperatively with the accessDTV application to improve the guide viewing and scheduling experience with data from Schedules Direct.

Couch Potato is a Dashboard Widget for Mac OS X that will display a schedule for your favorite TV channels. Couch Potato can automatically keep track of your favorite upcoming shows, and also makes it easy to filter out the shows that you don't ever watch.

The Cliff Watson Electronic Program Guide (**CW_EPG**) is a tool that works cooperatively with the MyHD and FusionHDTV applications to improve your television-scheduling and schedule-viewing experience.

Fiddle Free TV is a highly automated TV Recording/Playback system supporting those using voice recognition. Its use of an intelligent scheduler removes the need to fiddle about finding and scheduling programs. The Scheduler hunts down movies and series that you might enjoy and schedules them for you.

Freevo allows you to manage your entire digital media collection -- music, videos, photos, and more -- via a remote controlled TV interface and through the built-in web interface you can also access your media, view your TV guide and schedule recordings from anywhere in the world. Freevo puts you in control of your television.

iOnTV is a new application for Mac OS designed to work with the HDHomeRun from Silicon Dust to capture and convert Television for viewing on your Macintosh, iPod, iPhone or Apple TV.

LinuxMCE is a Kubuntu based Linux distribution which includes customized versions of MythTV, asterisk, the Pluto home automation stack, as well as a number of media applications. These applications have all been integrated to work together using the DCE inter-process communications protocol so they can be controlled by an Orbiter application running on a PC, handheld or cell phone connected to the network.

Looking for a program guide for your Mac Based Home Theater? Look no further. **MacProgramGuide** harnesses the power of Web Services and the internet to provide program schedules, episode, cast and crew information.

MediaPortal is an Open Source application ideal for turning your PC / TV into a very advanced Media Center. MediaPortal allows you to listen to your favorite music & radio, watch and store your videos and DVDs, view, schedule and record live TV as a digital video recorder and much much more. You get MediaPortal as Open Source software. This means you can help in developing MediaPortal or tweak it for your own needs with lots of innovating plugins from our great community.

MisterHouse is an open source home automation program. It's fun, it's free, and it's entirely geeky. Written in Perl, it fires events based on time, web, socket, voice, and serial data. It currently runs on Windows 95/98/NT/2k/XP and on most Unix based platforms, including Linux and Mac OSX.

MyTelly allows you to download TV listings and have pre-created searches automatically run on the listings. You can then use these searches to create a TV watching / recording schedule for the week.

MyTinyTV allows live TV streaming to Pocket PCs, laptops and desktops, supporting antenna, cable, satellite, at home and on the road.

Pocket TV Listings (PTVL) is a program to reformat and transfer TV listings to the Microsoft Pocket PC, and display them in an easy-to-use form. In addition to just displaying the basic listings, you can view detailed program descriptions, set reminders and use an advanced searching facility to find a specific program.

ReplayNT is a windows based TV Listing Guide and Remote Controller for various DVR's and PC capture cards. It enhances the ability to search your listings and to set recordings for one or more recorders from a single program.

TV Tracker 3 is a Mac OS X Dashboard widget that displays what's on TV right now. It has episode descriptions, supports customized channel listings, and google searching for program websites. The new version features a resizable window. TV Tracker is and has always been freeware.

TV-Browser is a TV guide (EPG) that is easily extensible using plugins. It is designed to look like a paper based European TV guide.

WirNS provides guide data to ReplayTV DVRs. While ReplayTV is (or was) a commercial product, special permission was obtained to allow the use of Schedules Direct. WirNS-served ReplayTV PVRs, still need to be activated at ReplayTV.com.

XmITV GUI is a lua-driven GUI for Windows or Linux for downloading and processing XMLTV listings.

xtvd-tools is a Python library and set of command line tools to import TV listings into a MySQL database and run searches on those listings, returning the associated programs and schedule information.

MythTV Distributions:

KnoppMyth is a Debian-based Linux distribution that can automatically detect hardware and install, configure, and tweak MythTV in about 13 minutes with minimal user interaction. It provides a number of extra features and programs such as built-in MythTV documentation, streaming media players, system monitoring tools, video bookmarking, thumbnail generation, and more.

MiniMyth is a small Linux distribution that turns a diskless computer into a MythTV frontend.

mvpmc is a Linux distribution, with it's own OSS media player, designed to run on computers with the IBM STB02500 CPU (e.g. Hauppauge MediaMVP). It supports playing audio and video and displaying images available to it via a MythTV backend, HTTP, NFS, CIFS and other protocols.

Mythbuntu is an Ubuntu based distribution that is centered around setting up a standalone MythTV box. By committing all work with the Ubuntu archives an Ubuntu box can easily be converted to include Mythbuntu roles and vice-versa.

MythDora is one of the easiest ways to install the MythTV DVR project. It's a self contained disk that has everything you need to install MythTV plus many extra modules as well. MythDora is Fedora based and installs with an easy GUI installer. If your new to Linux or MythTV then give MythDora a try.

Applications Using XMLTV:

FreeGuide is a TV guide program. The viewer allows the user to view television listings and create customized TV guides by selecting programs and by building up a favorites list.

HSTV integrates with the HomeSeer automation system. It can schedule reminders for shows and send voice announcements through whole house audio before it starts. It can also control IR devices to start recording.

kTVSchedule aims to be a KDE front end for tv guide grabbers such as xm1tv and n1tvpeg. KDE or the K Desktop Environment, is a network transparent contemporary desktop environment for UNIX workstations.

Maxemum TV-Guide is a KDE TV-guide. It is developed in C++, based on QT/KDE and uses XMLTV as it's back end to grab listings.

MeedioOS is an open source project and community continuing the magic of Meedio onto the next level.

Personal Replay Guide is a perl driven TV listing thing that provides a web interface to it along with optional integration to schedule programs on a ReplayTV 4K/5K.

Ever wish you had something like TV Guide for your handheld? Try **Pocket TV Browser**, the electronic guide that makes browsing TV listings as easy as browsing the web, and makes searching simple, fast and fun!

Record_This is a program that will build the schedules for MYHDCards, Fusion cards/USB boxes and the HDHomeRun LAN box in a coordinated manner across local and remote machines.

TVG is a windows program to display television show listings downloaded with XMLTV which for North America requires subscription to Schedules Direct. TVG is free software released under the GPL.

TVtime is a high quality television application for use with video capture cards on Linux systems. TVtime processes the input from a capture card and displays it on a computer monitor or projector.

TV-CHECK compares a listing of your favorite TV shows against an actual XMLTV broadcast schedule, and reports changes in your favorite shows as well as any extra episodes via color coded HTML.

WebVCR+ is a simple TV recording system that has a web frontend to trigger and schedule recordings from TV cards of all types. It is designed primarily for ipod use or other small portable player that would have the recording converted to a smaller codec and left on a server for the next sync.

WhatsOn is a TV listings application for Palm OS.

XSLTv is a grid viewing program for XMLTV data files. It requires only an XMLTV format data file and a modern browser. All processing is completely client-side, resulting in a very simple installation.