MythTV

a free personal video recorder for Linux

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by Shawn Wallbridge
shawn@wallbridge.net

Basic Info

- Started in April 2002
- Version .17 released February 11th 2005
- Linux, MacOSX (frontend only)
- HDTV Support
- Firewire Capture

Features

- ‘Live TV’, pause, rewind, fast forward TV
- Scheduled recording of TV programs
- Multiple tuner cards
- Distributed architecture
- Software or Hardware based compression

Features

- Automatic commercial detection / skipping
- Automatic downloading of programming
- Themable Menu's
- Picture in Picture (w/ multiple tuner cards)
- Web interface
- Audio library

Features

- MAME frontend (video games)
- Image Viewer
- Weather Module
- Video player module (DiVX, etc)
- DVD Player/Ripper module
- RSS News reader Module

Architecture

- Separate recording and playback
- Multiple recording and/or playback
- MySQL used to store program/recording information
- Uses NuppelVideo encoding

Hardware

- Fastest CPU Possible
- Big Hard Drive(s)
- TV Tuner card
- PC running Linux

My Specs

- Dual P3 800MHz
- 256MB Ram
- WinTV PVR-350
- 200GB Western Digital 8MB cache

Tuner Cards

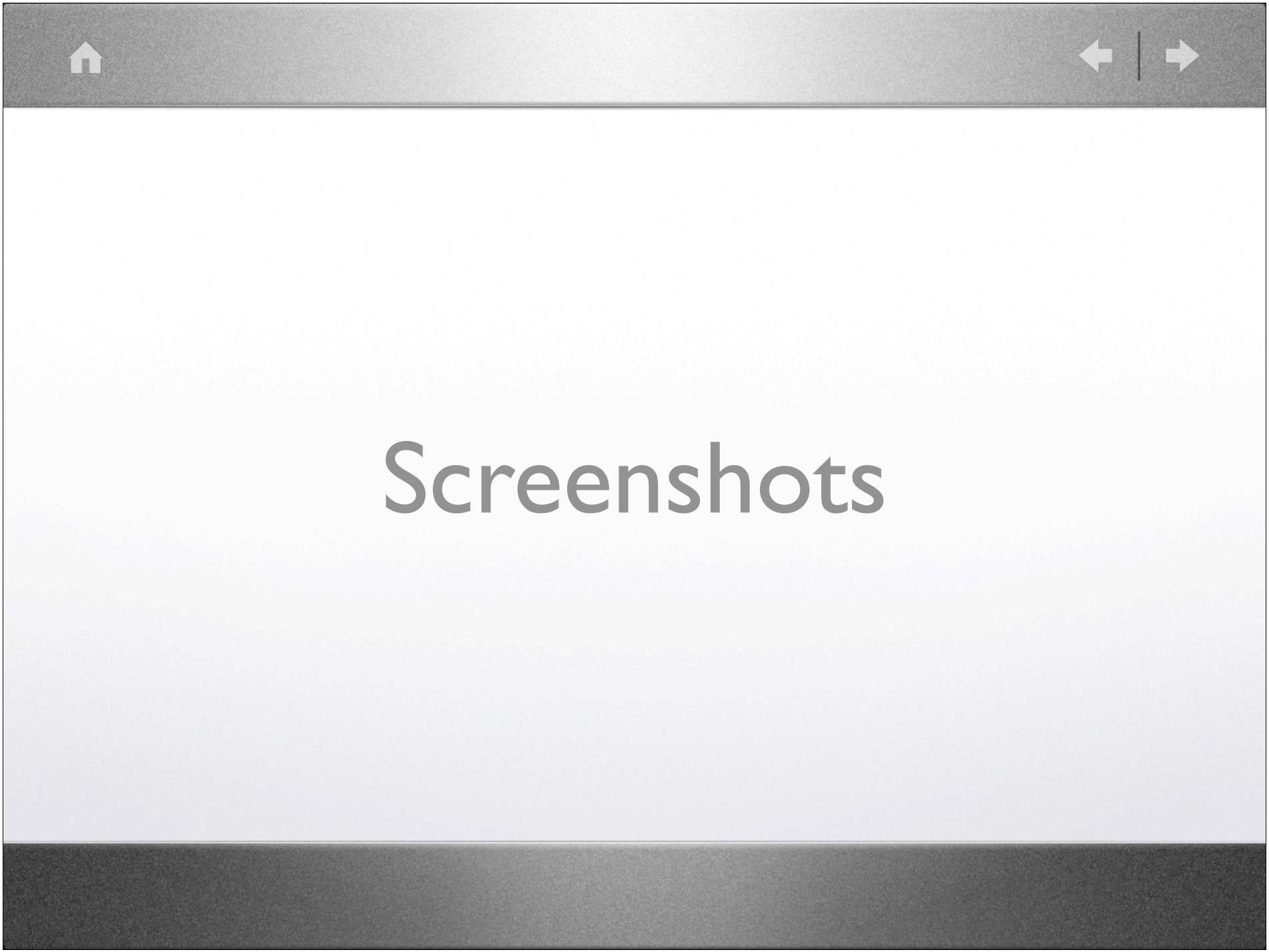
- Frame Grabbers (WinTV Go, ATI TV Wonder)
  basically anything supported by Video 4 Linux
- Hardware Encoding/Decoding (WinTV PVR -250/350, Matrox G200)
  provide hardware (en/de)coding on the card

Installation

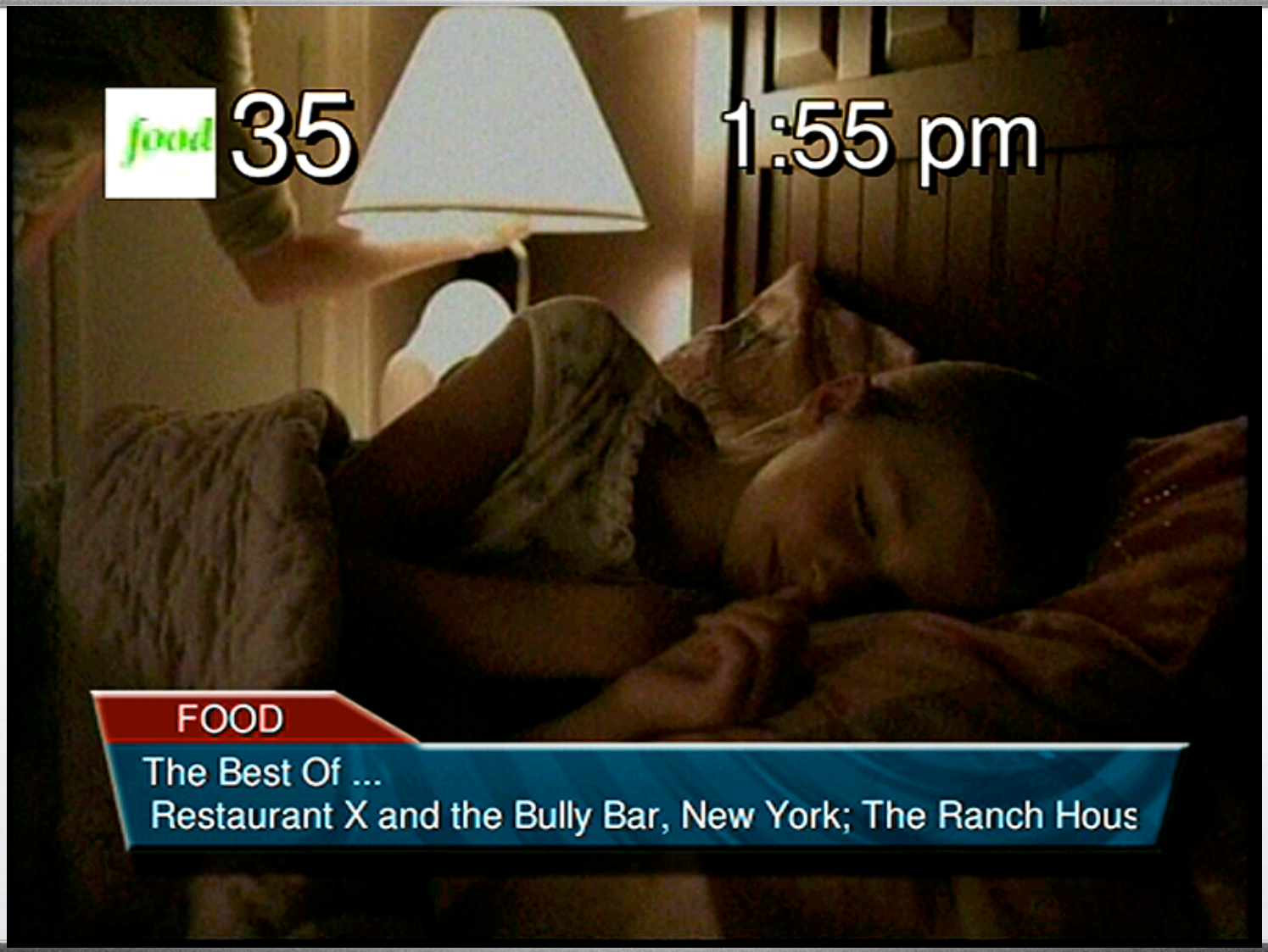
- Hard, Easier, Easiest
- Build from Source, lots of dependancies.
- Packages for most distributions, Debian, Fedora
- KnoppMyth is the easiest, takes about an hour, some mistakes in the documentation, so expect to run through it at least twice.

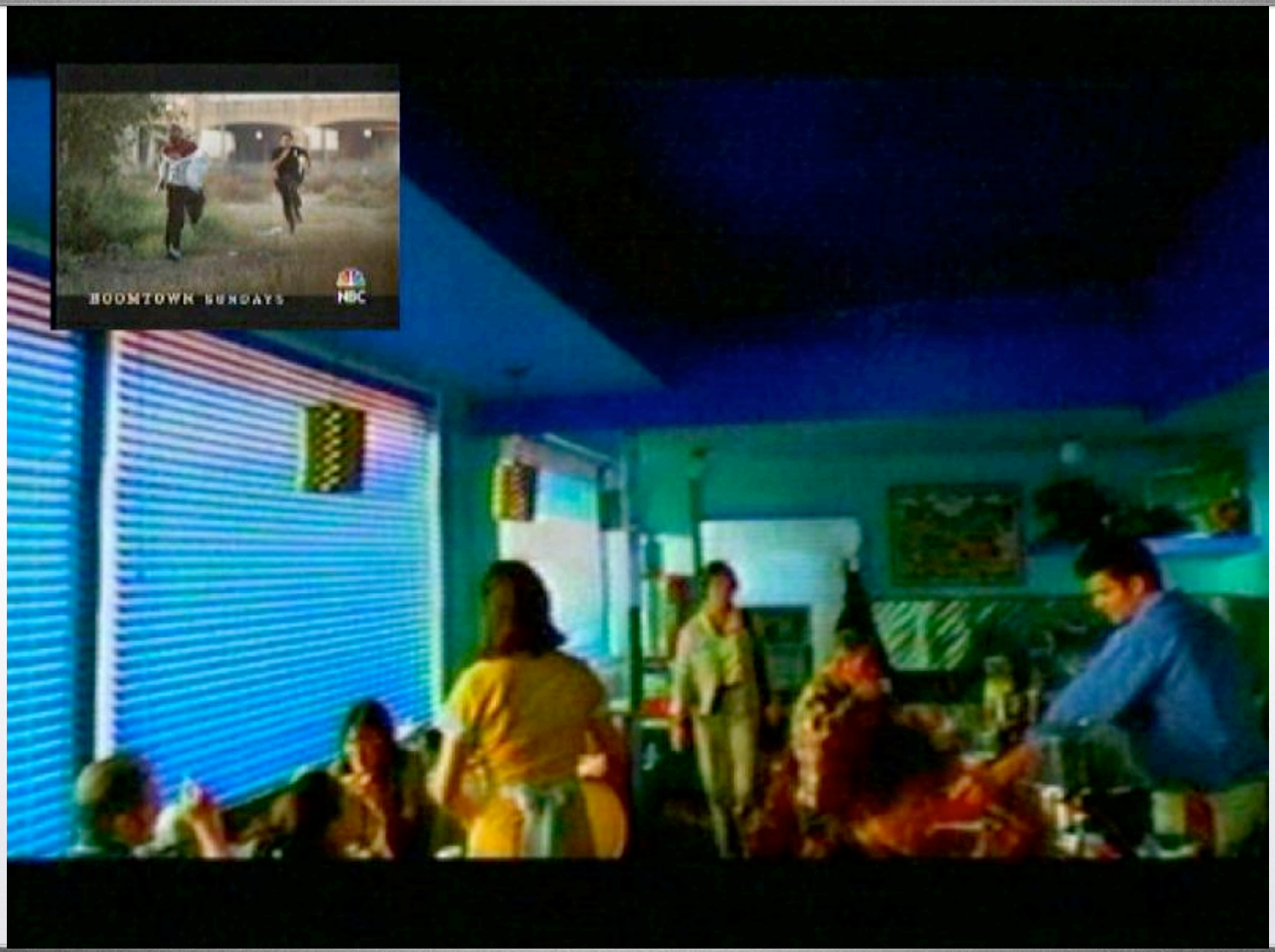
KnoppMyth

- Based on Knoppix which is based on Debian
- Bootable CD, can be used as a diskless frontend.
- Documentation is sparse
- Not ideal for backend only machines


Screenshots

mythTV
REC
Schedule a Recording
Watch TV
PLAY
Watch a Recording
Fix Scheduling Conflicts
Setup
Delete Recordings


food
35
1:55 pm
FOOD
The Best Of ...
Restaurant X and the Bully Bar, New York; The Ranch Hous


BOOMTOWN SUNDAYS
NBC

Law & Order

"Kid Pro Quo"

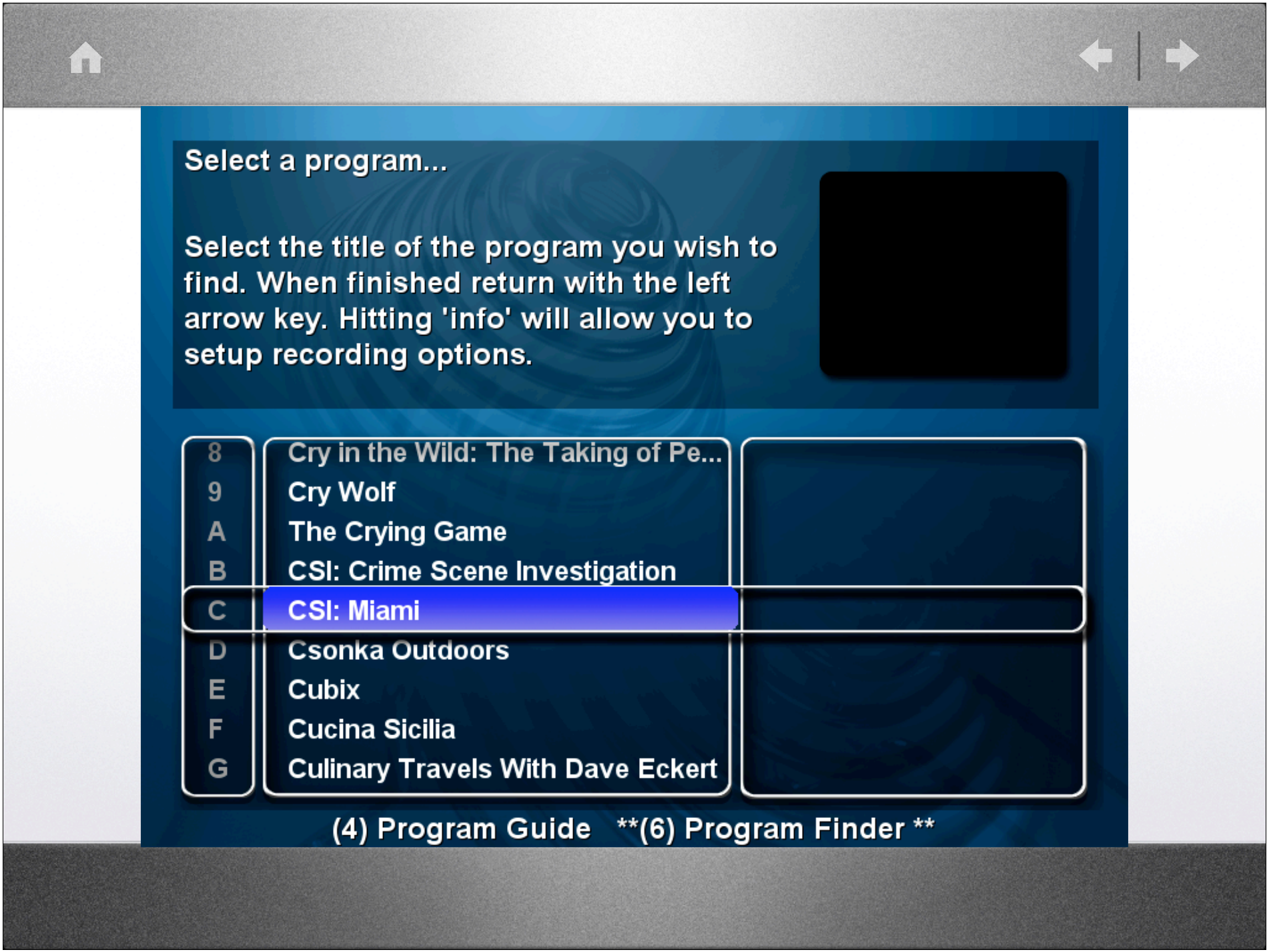
Wed Apr 30, 10:00 pm - 11:00 pm

Several people are suspects when the head of admissions for a private school is killed.

10:23 pm

Not Recording

Wed	10:00 pm	10:30 pm	11:00 pm	11:30 pm
70 FX	The World's Worst Driver...		The Practice (Crime)	
73 TRAV	< World Poker Tour (Travel)		Top Ten Predators Up Clo...	
3 WKYC	Law & Order (Crime)		Channel 3 Ne...	The T... >
4 WUAB	Action News at Te...	Sp...	Seinfeld () A	Seinfeld () A
5 WEWS	< ...	Extreme Makeover (M...	Newschanne...	Nightlin...


Select a program...
Select the title of the program you wish to find. When finished return with the left arrow key. Hitting 'info' will allow you to setup recording options.
8 Cry in the Wild: The Taking of Pe...
9 Cry Wolf
A The Crying Game
B CSI: Crime Scene Investigation
C CSI: Miami
D Csonka Outdoors
E Cubix
F Cucina Sicilia
G Culinary Travels With Dave Eckert
(4) Program Guide **(6) Program Finder **

Select a recording to view:

That '70s Show
The Agency
All Programs
CSI: Miami
Frank Herbert's Ch
Still Standing

The Agency - "Spy Finance"	4/12	10:00 pm
That '70s Show - "No Quarter"	4/2	8:00 pm
Frank Herbert's Children of D...	3/19	1:00 am
Frank Herbert's Children of D...	3/18	1:00 am
Frank Herbert's Children of D...	3/17	1:00 am
CSI: Miami - "Dispo Day"	3/10	10:00 pm
Still Standing - "Still Excelling"	3/10	9:30 pm
That '70s Show - "Your Tim...	1/29	8:00 pm
CSI: Miami - "Ashes to Ashes"	1/13	10:00 pm

The Agency

"Spy Finance"

Airdate: Sat Apr 12, 10:00 pm - 11:00 pm

Channel: 7

Description: Gage and Quinn must deal with an organized crime leader involved with an al-Qaida cell.

Select a recording to permanently delete:

That '70s Show
The Agency
All Programs
CSI: Miami
Frank Herbert's Ch
Still Standing

Still Standing - "Still Rocking"	1/13	972 MB
CSI: Miami - "Ashes to Ashes"	1/13	1941 MB
That '70s Show - "Your Tim...	1/29	952 MB
Still Standing - "Still Excelling"	3/10	971 MB
CSI: Miami - "Dispo Day"	3/10	1940 MB
Frank Herbert's Children of D...	3/17	4029 MB
Frank Herbert's Children of D...	3/18	3438 MB
Frank Herbert's Children of D...	3/19	4032 MB
That '70s Show - "No Quarter"	4/2	2071 MB

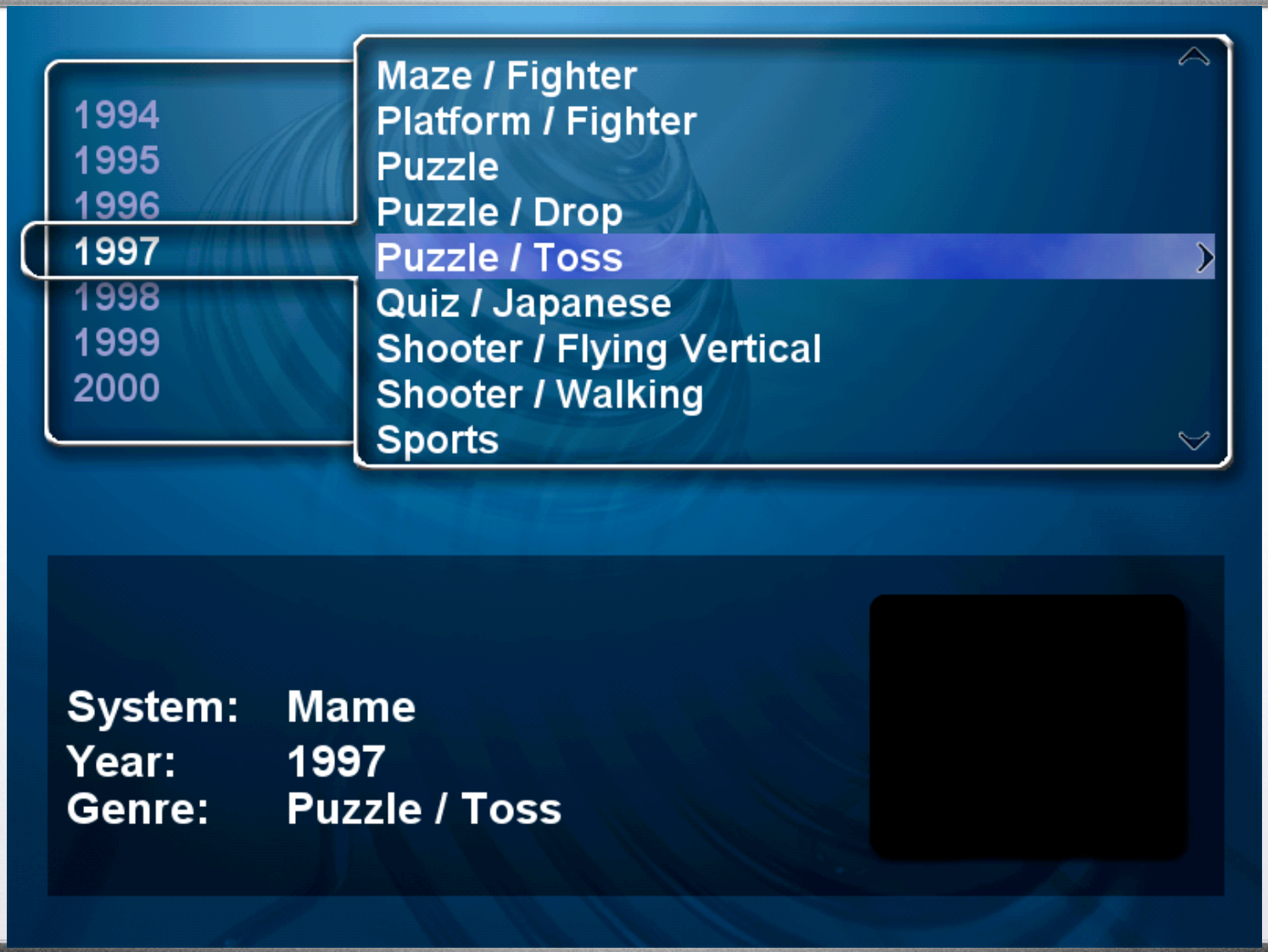
Still Standing

"Still Rocking"

Airdate: Mon Jan 13, 9:30 pm - 10:00 pm
Channel: 7
Description: Bill and Judy embarrass Lauren at a rock concert.

50% used, 30,565 MB free

Ani DiFranco ~ In the Way
Ani DiFranco ~ Icarus
Ani DiFranco ~ Slide
Ani DiFranco ~ O My My
Ani DiFranco ~ Evolve
Ani DiFranco ~ Shrug
Ani DiFranco ~ Phase
Ani DiFranco ~ Here For Now
Ani DiFranco ~ Second Intermission
Evolve
Ani DiFranco
Evolve
206 kbps 44.1 kHz ... 04:00 / 04:15
1 Shuffle: None
2 Repeat: All
3 Edit Playlist
4 Visualize


1994
1995
1996
1997
1998
1999
2000
Maze / Fighter
Platform / Fighter
Puzzle
Puzzle / Drop
Puzzle / Toss
Quiz / Japanese
Shooter / Flying Vertical
Shooter / Walking
Sports
System: Mame
Year: 1997
Genre: Puzzle / Toss

SlideShow
Rotate CW
Rotate CCW
Import
Settings
Fall Pictures

current conditions

myth weather

TUE APR 15 4:28 PM

Willoughby, OH, USA (USOH1054)

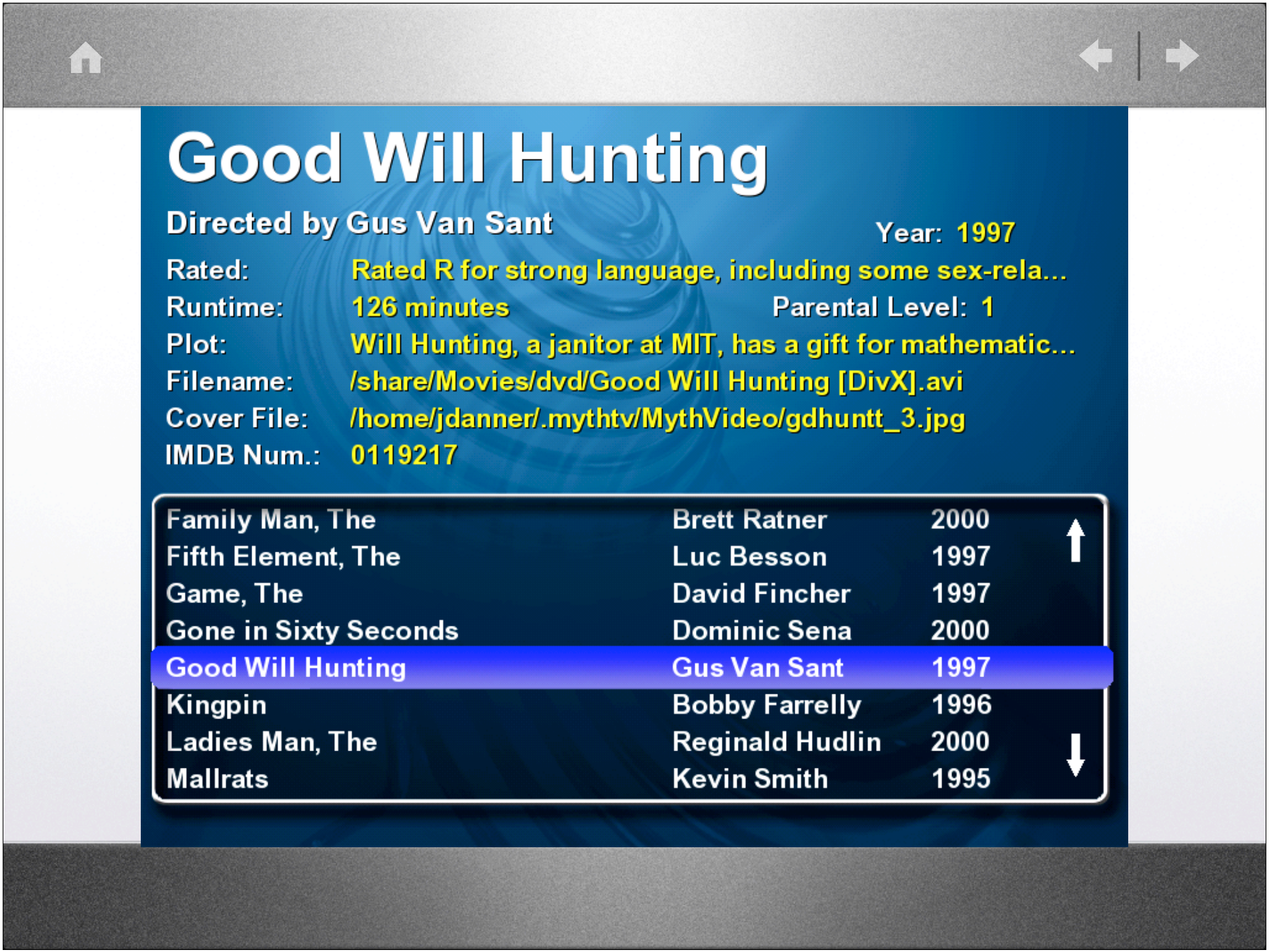
Humidity	27%
Pressure	29.94 in
Wind	W at 23 mph
Visibility	Unlimited
Wind Chill	83 F
UV Index	5 (moderate)

Mostly Cloudy

84 oF

Weather data from: 04/15/2003 13:45:00

myth weather
doppler radar
RAIN
Light
Heavy
MIX/ICE
Light
Heavy
SNOW
Light
Heavy
Muskegon
Saginaw
96
75
Lansing
Kalamazoo
Detroit
Erie
Cleveland
South Bend
80
Toledo
79
Fort Wayne
Akron
69
71
THE WEATHER CHANNEL
15 Apr 2003 04:16 PM EDT


Good Will Hunting
Directed by Gus Van Sant
Year: 1997
Rated: Rated R for strong language, including some sex-rela...
Runtime: 126 minutes
Parental Level: 1
Plot: Will Hunting, a janitor at MIT, has a gift for mathematic...
Filename: /share/Movies/dvd/Good Will Hunting [DivX].avi
Cover File: /home/jdanner/.mythtv/MythVideo/gdhuntt_3.jpg
IMDB Num.: 0119217
Family Man, The Brett Ratner 2000
Fifth Element, The Luc Besson 1997
Game, The David Fincher 1997
Gone in Sixty Seconds Dominic Sena 2000
Good Will Hunting Gus Van Sant 1997
Kingpin Bobby Farrelly 1996
Ladies Man, The Reginald Hudlin 2000
Mallrats Kevin Smith 1995

video root
Ladies Man, The
Mallrats
Mickey Blue Eyes
Bittersweet Motel
Pulp Fiction
Remember the Titans
Requiem for a Dream
Reservoir Dogs
Robin Hood: Men in Tights
Pulp Fiction
File: Pulp Fiction [DivX].avi
Player: mplayer
PULP FICTION

mythTV
Play DVD
Rip DVD

Rip/Transcode
Perfect DVD Rip of 12 Monkeys
Ripping to file ~ 01:00/14:35
Job 1 of 1
0 New Rip
9 Cancel Job

Arstechnica
BSD Today
Bureau 42
CNN
CNN Europe
Daemon News
desktopian.org
dot.kde.org
Judge rules Lindows-backed refund site invalid
Internet savvy more akin to anti-boob tube man than geeks
Sony beefs up the mini-disc, finally
National Geographic tries digital photography
Kodak cutting film camera sales in the West
The Internet gives a voice to Death Row, but not everyone'...
The answer to video piracy... not quite.
Et Cetera: bu-bu-bu-baby production complete, commander
Kodak cutting film camera sales in the West
Updated
Wed Jan 14
09:20 PM
Eastman Kodak has announced that they will no longer be selling film-based cameras in the US, Western European, and Canadian markets.
mythNews

Demo

Questions?

Links

MythTV - http://www.mythtv.org
KnoppMyth - http://mysettopbox.tv

Presentation -
http://www.wallbridge.net/MythTV.pdf

Thanks