Past, Present, Future

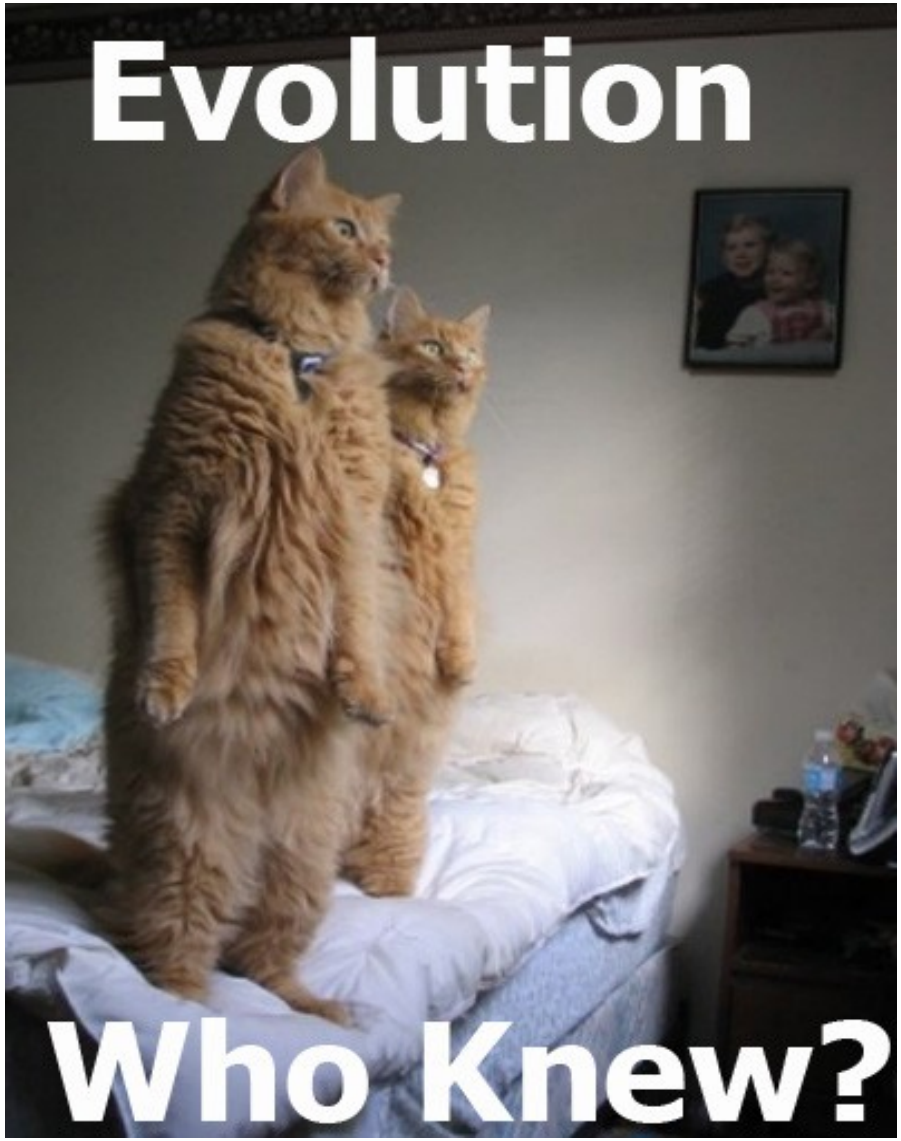
And

The Crazy stuff

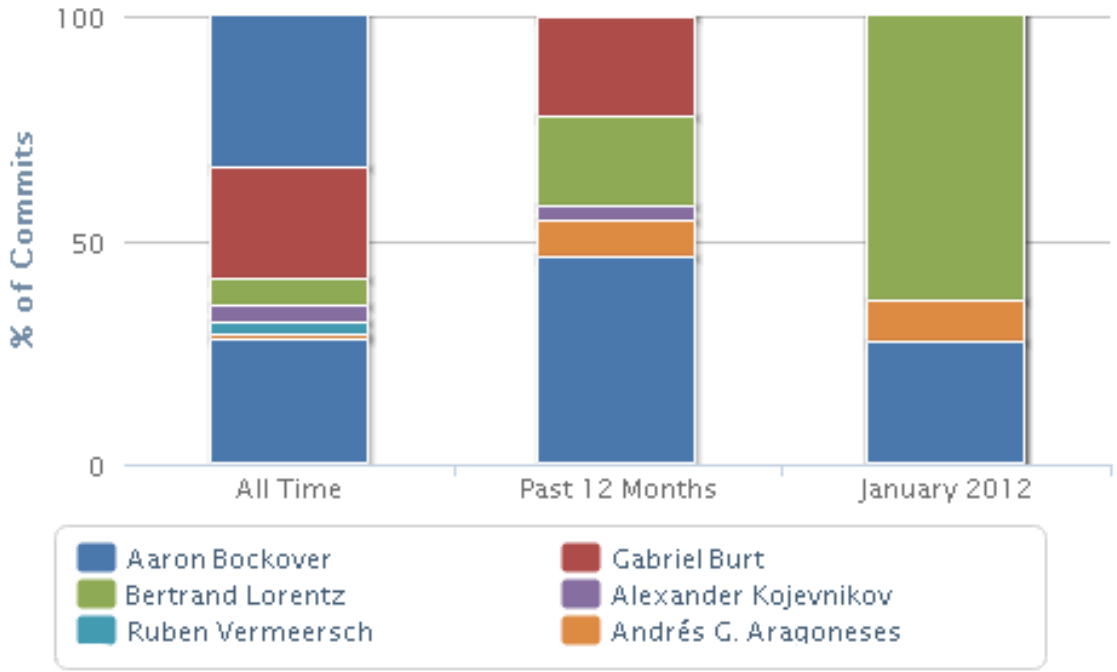
Some Figures

- Open source project started in 2005
- Linux, MacOS and Windows supports
- 337 contributors
- 8700 commits
- Near 300,000 Lines of code
- 1500 bugs open / 5400 bugs closed
- Translated over 90% in more than 35 languages
- Installed by default on OpenSuse, Meego, Foresight Linux, Ubuntu, …
- Contribute around $10,000 USD per year to Gnome Foundation

(Statistiques from ohloh)


Evolution
Who Knew?

Commit Volume



Languages

Ohloh analyzes the project source code and determines the language of each line of code, excluding comments and blanks.

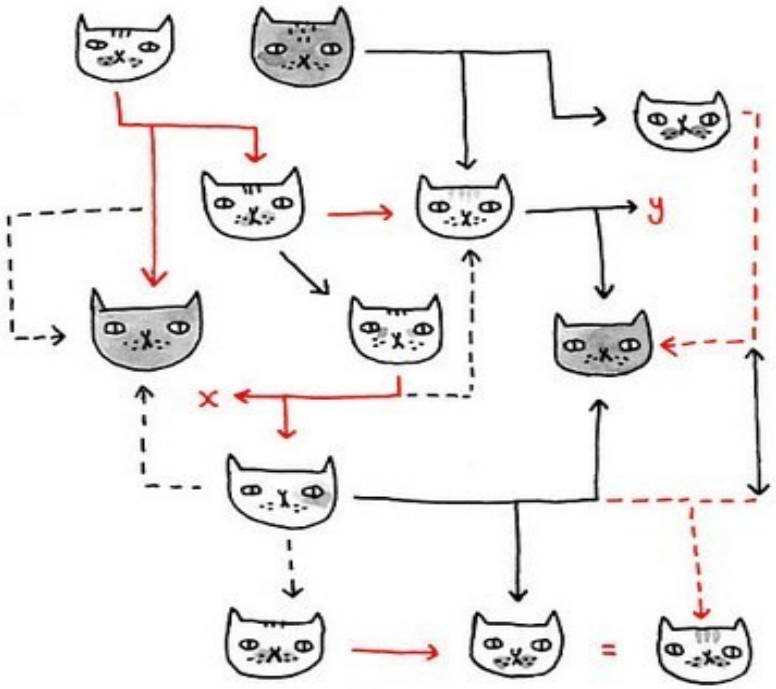
C#	61%
XML	35%
Other	4%

So Many thanks to Aaron, Gabriel, Bertrand, Alexander, Ruben, Andrès and many other guys who help banshee by translating, reporting bug and of course coding

FOSDEM 2012

Aaron Bockover, Alan McGovern, Abner Silva, Adam Lofts, Age Bosma, Alban Crequy, Alberto Gonzalez, Alex Bennee, Alex Kloss, Alex Launi, Alex Mauer, Alex Willmy, Alexander Hixon, Alexander Kojevnikov, Alexandros Frantzis, Alp Toker, Anders Petersson, Andrea Cimitan, Andreas Neustifter, Andreas Nilsson, Andrew Conkling, Andrés G. Aragoneses, Andy Midgette, Andy Street, Aran Cox, Arthur Carli, Arun Raghavan, Aurélien Mino, Aydemir Ulaş Şahin, Ben Maurer, Benjamín Valero Espinosa, Bertrand Lorentz, Bill Dawson, Bob Copeland, Bojan Rajkovic, Brad Taylor, Brandon Perry, Brian Lucas, Brian Nickel, Brian Teague, Carlos Sanchez, Chase Geigle, Chow Loong Jin, Chris Howie, Chris Jones, Chris Lahey, Chris Toshok, Chris Turchin, Christian Hergert, Christian Krause, Christoph Burgdorf, Christopher James Halse Rogers, Claude Paroz, Cody Russell, Corec, Cosmin Banu, Dan Wilson, Dan Winship, Daniel Munkton, Daniel Siegel, David Nielsen, David Spreen, David Stone, Diego E. Pettenò, Dinh Ngoc Tu, Dougal Stanton, Dustin C. Hatch, Eitan Isaacson, Elena Grassi, Eoin Hennessy, Eric Butler, Erik Schmidt, Fabian Jost, Felipe Castillo, Felipe Almeida Lessa, Fernando Casanova, Florent Thoumie, Frank Ziegler, Fredrik Hedberg, Félix Velasco, Gabriel Burt, Garrett LeSage, Ghislain Lacroix, Götz Waschk, Haitao Feng,Hajime Mizuno, Hans Petter Jansson, Harold Schreckengost, Iain Lane, Igor Guerrero Fonseca, Ilya Konstantinov, Ivan N. Zlatev, Jack Deslippe, Jakub Steiner, James Otting, James Willcox, Jan Arne Petersen, Jason Conti, Jason Taylor, Jeff Tickle, Jeff Wheeler, Jensen Somers, Jeroen Budts, Jo Shields, Johannes Koch, Johannes Kuhn, John Millikin, Jonas Urth Olsen, Jordi Mas, Jorge Castro, Julien Moutte, Juri Pakaste, Ján Sokoly, Jérémie Laval, K. Vishnoo Charan Reddy, Ken Vandine, Kentaro Kazuhama, Kevin Anthony, Kevin Duffus, Koichi Akabe, Konstantin Oshiyko, Larry Ewing, Lauri Kotilainen, Lukas Lipka, Mackenan Grassi, Marijn Ros, Mark Busby, Mark Saunders, Martin Pitt, Matt Enright, Matt Sturgeon, Michael Kaiser, Michael Martin-Smucker, Michael Monreal, Michael Monreal, Michał Sawicz, Miguel de Icaza, Mike Gemünde, Mike Urbanski, Moritz Schallaböck, Nathan Palmer, Neil Loknath, Nicholas Doyle, Nicholas Parker, Nicolò Chieffo, Nils Naumann, Oben Sonne, Olivier Dufour, Oscar Forero, Pacho Ramos, Patrick van Staveren, Paul Cutler, Paul Lange, Pavel Antonov, Pepijn van de Geer, Pete Johanson, Peter de Kraker, Pratik Patel, Przemysław Grzegorczyk, Raimo Radczewski, Robin Stocker, Roderich Schupp, Rodney Dawes, Romain Tartière, Ruben Vermeersch, Ryan Collier, Samuel Gyger, Sandy Armstrong, Scott Peterson, Sebastian Dröge, Shaun McCance, Sjoerd Simons, Tim Fisken, Tim Yamin, Timothy Arceri, Tobias Mueller, Todd Berman, Travis Glenn Hansen, Travis Patterson, Travis Reitter, Trey Ethridge, Valentin Sawadski, Victor Vargas, Will Farrington, Will Thompson, William Friesen, William Pettersson, William Witt, Wouter Bolsterlee, Yuuto Tokunaga, Zhou Ting

Powered by Mono



THIS DIAGRAM IS ENTIRELY NONSENSICAL.
BUT LOOK AT ALL THE KITTENS!

GEMMA CORRELL

ICANHASCHEEZBURGER.COM

Hey but …

What is Banshee ?

A music player...

Sync Devices

Put media on your Android, Apple, or other player — or import from it

Discover and Subscribe to Podcasts

Stay up to date with your favorite podcasts, and discover new ones with Miro Guide

Buy New Music

Get free and purchased music from the integrated Amazon MP3 Store

Queue Tracks

Queue the track, album, or podcast you want to listen to next, or let the Auto DJ take over

Smartly Shuffle

Listen to songs in random order, a song, album, or artist at a time, or with higher ratings preferred

Automatic Cover Art

Cover art is immediately fetched for your music from a variety of sources

Powerful Search, Smart Playlists

Find exactly what you want, fast

Well more a media player with Internet powerful

Now Playing View

View you video full screen or inside banshee GUI

Optical device Support

Browse the menu and play your favorite DVD, blue-ray,... Impor t Your Music Cd.

Subtitle

Choose the language subtitle embedded or from external file

Audiobooks

Organize audiobooks, lectures, etc.

Bookmarks

Set a bookmark on any song, video, or podcast so you can return to it later.

Context Pane

View the Wikipedia entry for the playing artist, similar artists and albums, or YouTube videos by the artist

Last.fm Scrobbling

Last.fm scrobbling and context pane recommendations. For paid subscribers streaming radio.

Miro Guide

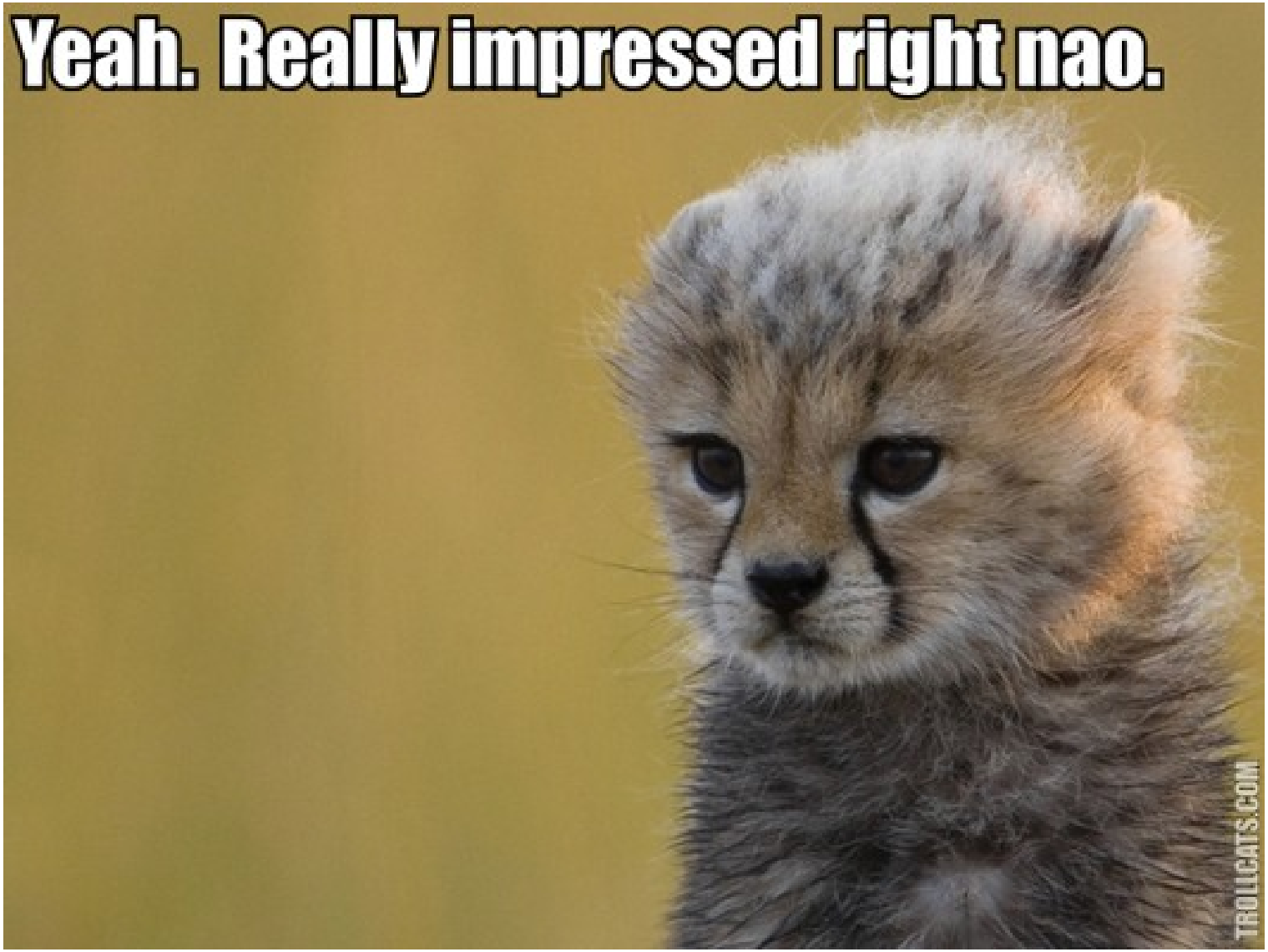
Browse and subscribe to thousands of audio and video podcasts

Internet Radio

Listen to and organize Internet Radio stations.

Internet Archive

Browse and search the Internet Archive's vast media collection.

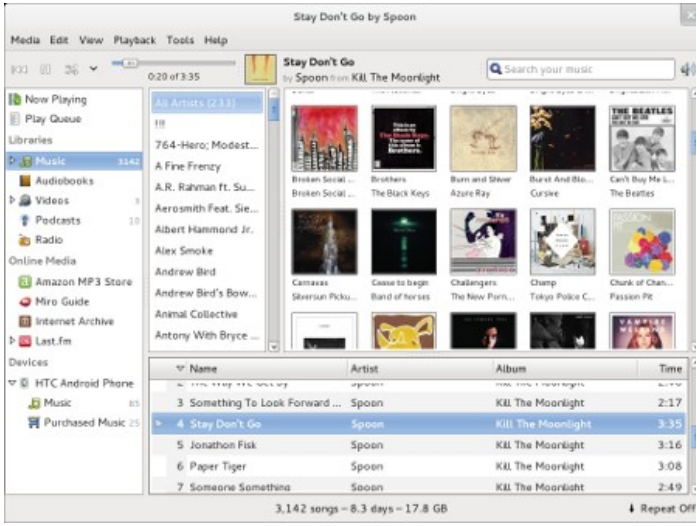

Yeah. Really impressed right nao.
TROLLCATS.COM

2010 New Features

Amazon store

Miro podcast

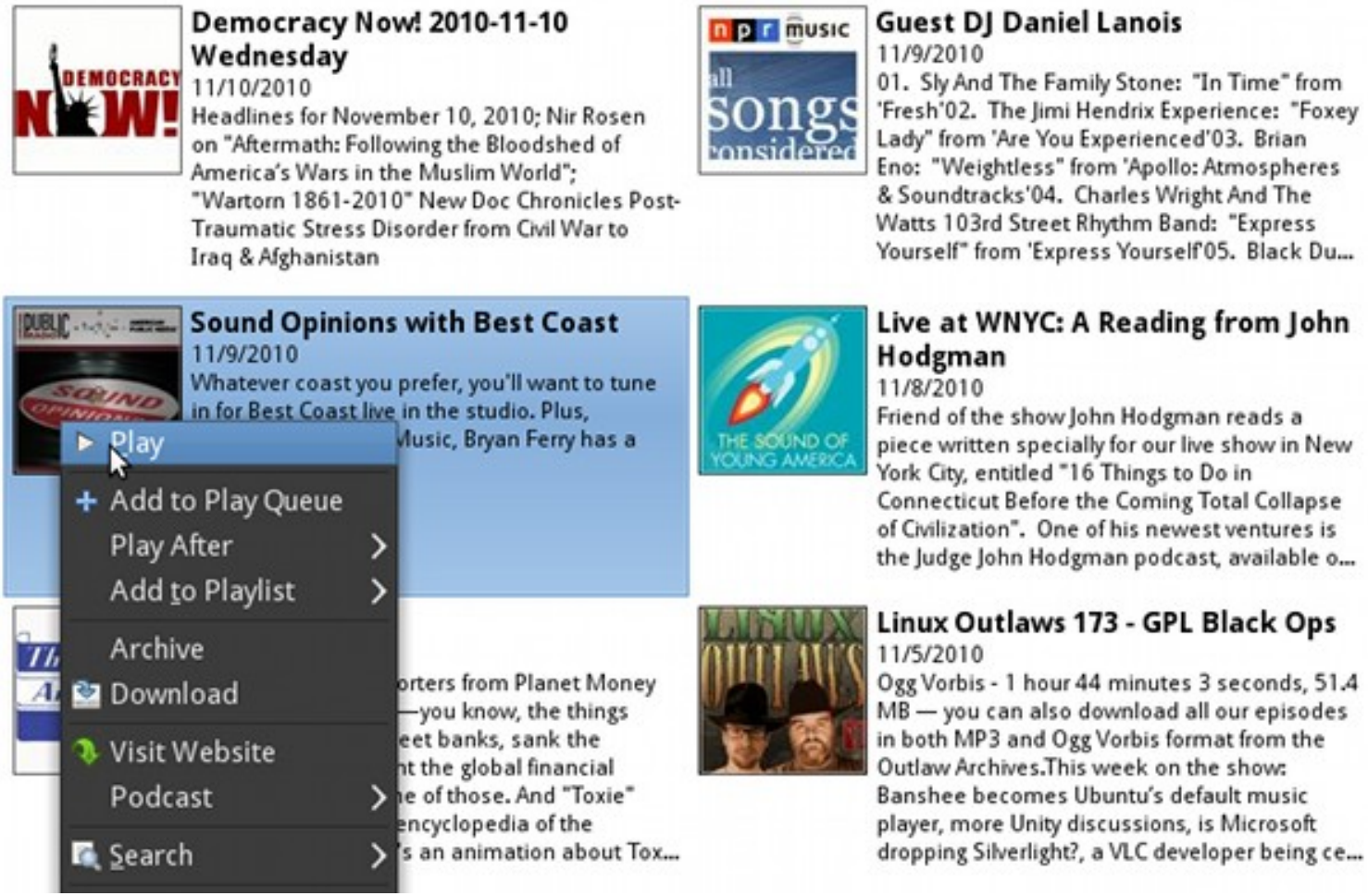
Grid view



2011 New features

2011 New Features

Podcast View

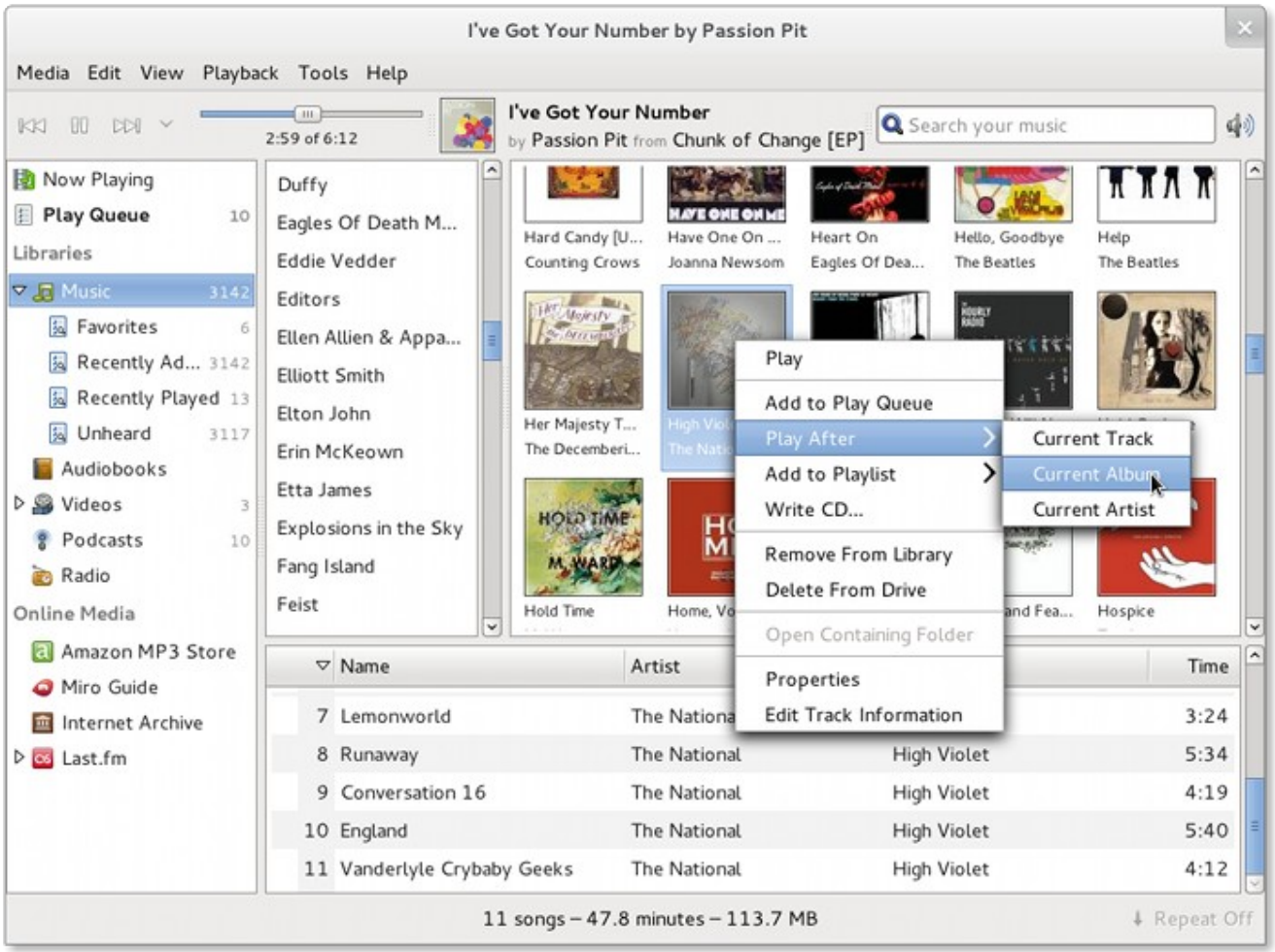


Subtitle support

Externals files and embedded subtitles

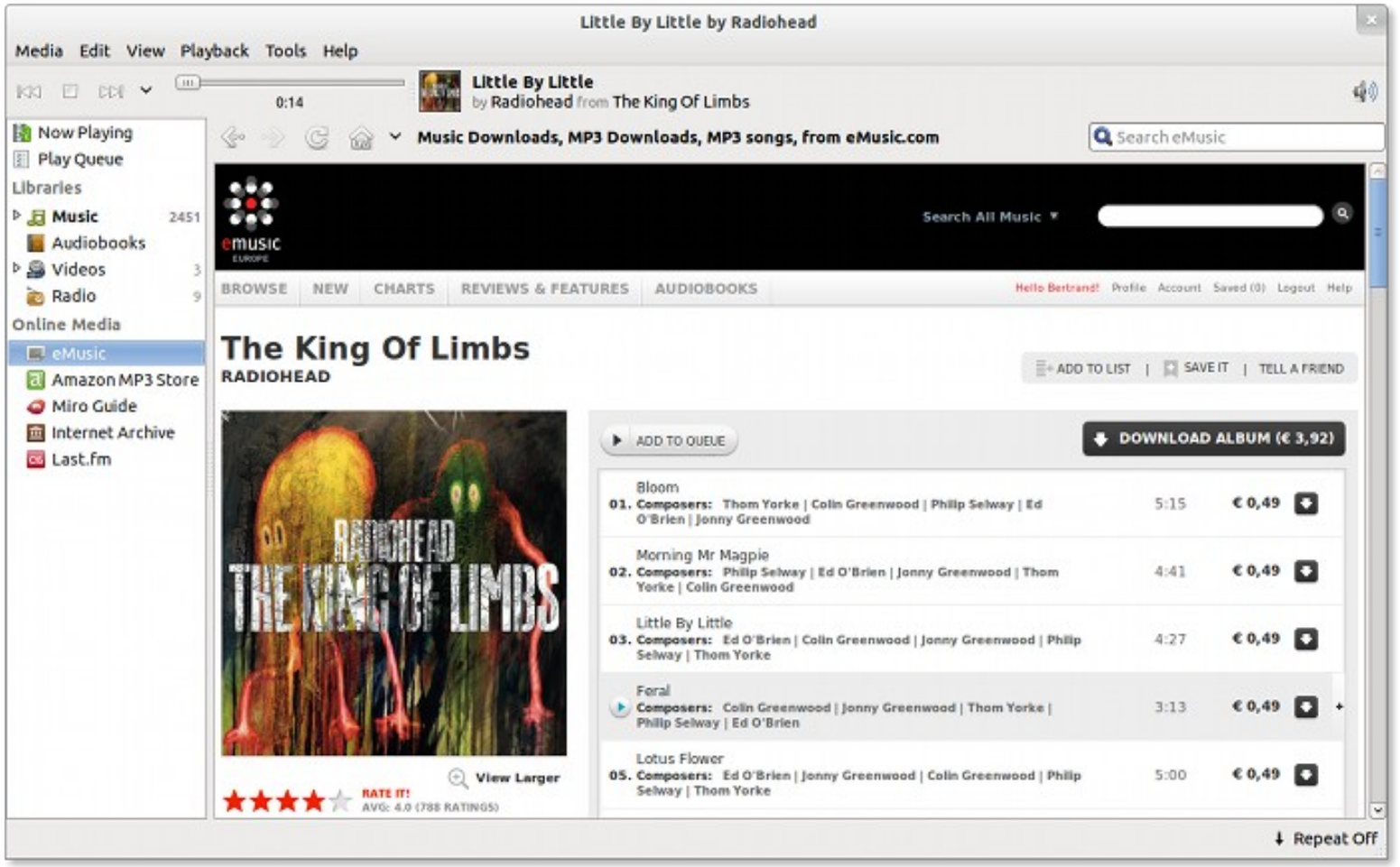
2011 New Features

Artist/Album Browser Track Actions



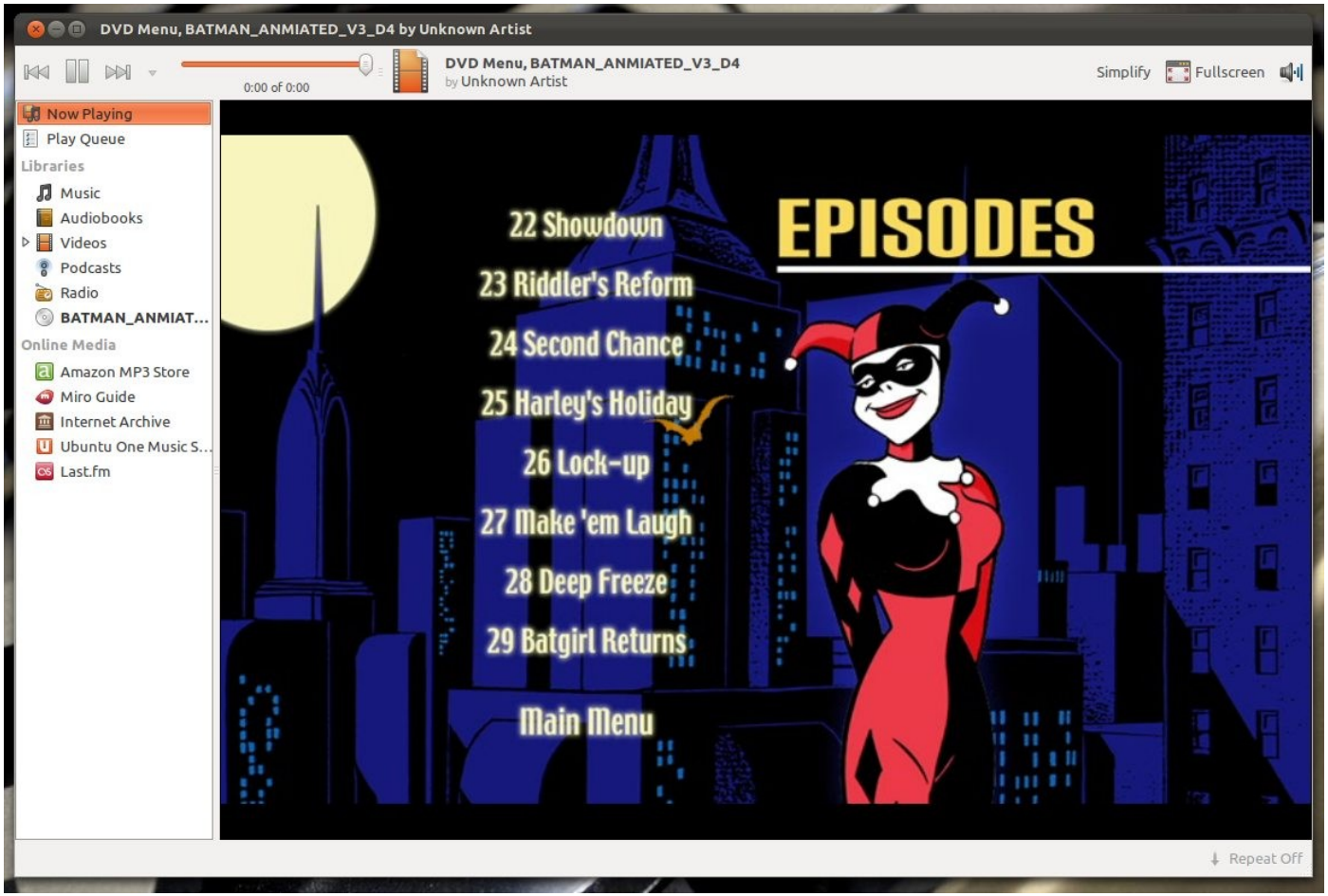
2011 New Features

eMusic store



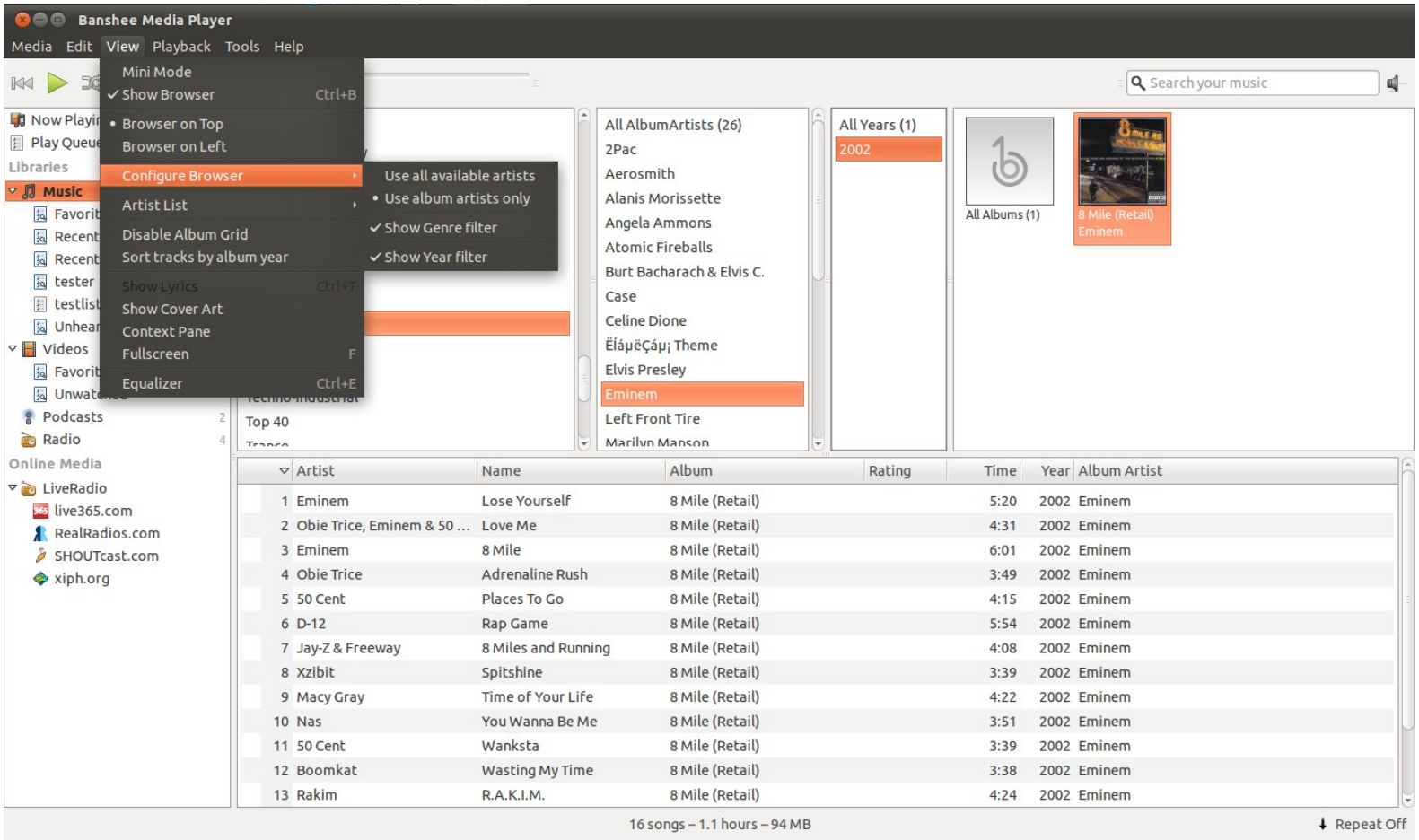
2011 New Features

DVD playback



2011 New Features

Genre/Year filter browser



Count how many kittens
wayODD.com

2010 New extensions

Ampache
Browse and play your remote music with Ampache.

Random by Last.fm
Shuffle your library using information from the Last.fm online service.

Zeitgeist data provider
Publish your Banshee activities into Zeitgeist

Jamendo
Download and listen to over 20,000 albums. Play or download directly to discover and share new artists. All content is Creative Commons or Art Libre licensed.

Last.fm fingerprint
Identify your music automatically, using the Last.fm online service.

2011 New extensions

Album art writer
Writes Album Art from cache to the folder containing the music files.

Duplicate song detector
Detect and remove duplicate songs in your library.

Folder sync
Copies and synchronizes music files from playlists into user specified folders

Karaoke
Filter the singers voice out of songs

Technical Items

- GTK# 3 migration
- Remove some dependencies
- Gtk# backend (Windows support)
- Migration from HAL to GIO

...Further details with Bertrand

Long term Objectives

- Device support (Android, Apple,...)

More than 20 phones added in 2 years

- Windows & MacOS support (gtk# backend)

List of features added :

- Equalizer
- Cdda
- Dvd
- Audio cd ripper
- Transcoder
- …

- Gnome integration with MPRIS and notification extension

Upcoming

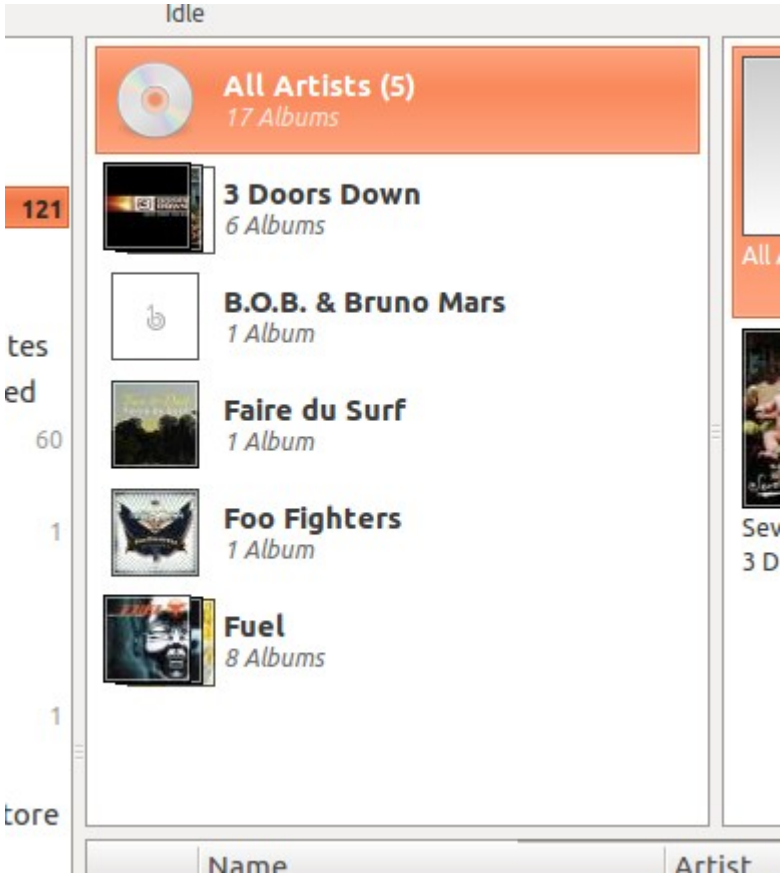
...

At least try to guess

Dream big.
You're going to end up in a cubicle for the rest of your life, anyway.
TROLLCATS.COM

Current patchs

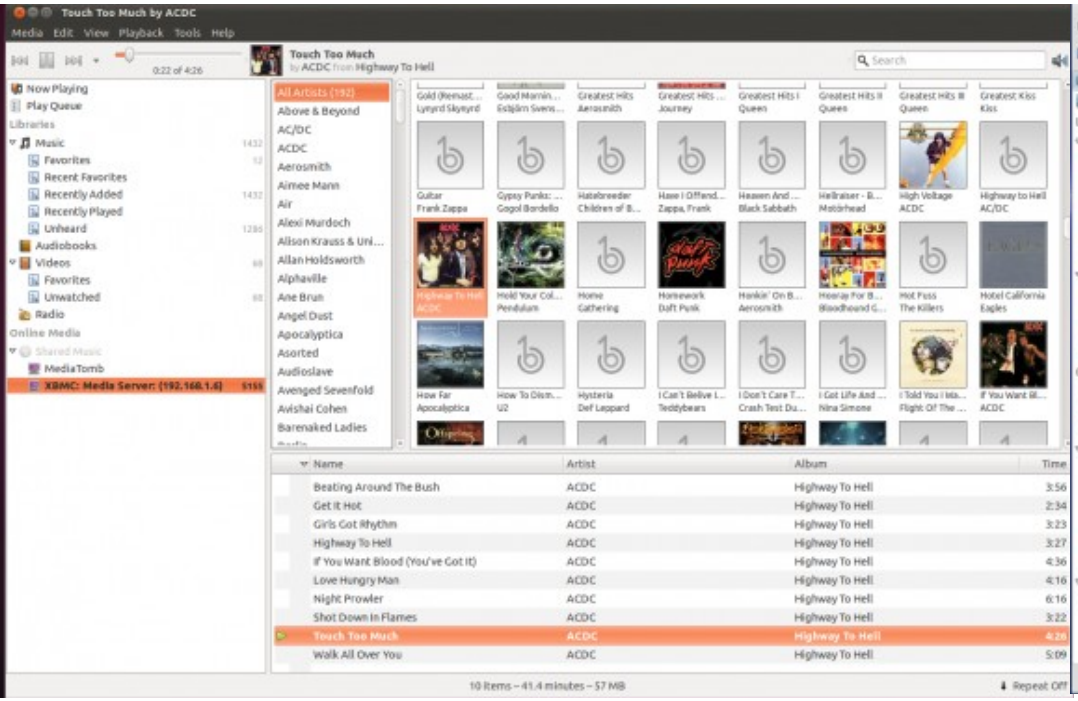
Artists Icon



Need work :

« Some artists have a logo that identifies them (Rammstein, U2, etc.), so it
would be interesting to be able to set it and display it. » Bertrand Lorentz

UPnP


Touch Too Much by ACDC
Media Edit View Playback Tools Help
Now Playing
Play Queue
Libraries
Music
Favorites
Recent Favorites
Recently Added
Recently Played
Unheard
Audiobooks
Videos
Favorites
Unwatched
Radio
Online Media
Shared Music
MediaTomb
XBMC: Media Server: (192.168.1.6)
All Artists (192)
Above & Beyond
AC/DC
ACDC
Aerosmith
Aimee Mann
Air
Alexi Murdoch
Alison Krauss & Uni...
Allan Holdsworth
Alphaville
Ane Brun
Angel Dust
Apocalyptica
Asorted
Audioslave
Avenged Sevenfold
Avishai Cohen
Barenaked Ladies
Name
Artist
Album
Time
Beating Around The Bush ACDC Highway To Hell 3:56
Get It Hot ACDC Highway To Hell 2:34
Girls Got Rhythm ACDC Highway To Hell 3:23
Highway To Hell ACDC Highway To Hell 3:27
If You Want Blood (You've Got It) ACDC Highway To Hell 4:36
Love Hungry Man ACDC Highway To Hell 4:16
Night Prowler ACDC Highway To Hell 6:16
Shot Down In Flames ACDC Highway To Hell 3:22
Touch Too Much ACDC Highway To Hell 4:26
Walk All Over You ACDC Highway To Hell 5:09
10 Items – 41.4 minutes – 57 MB
Repeat Off

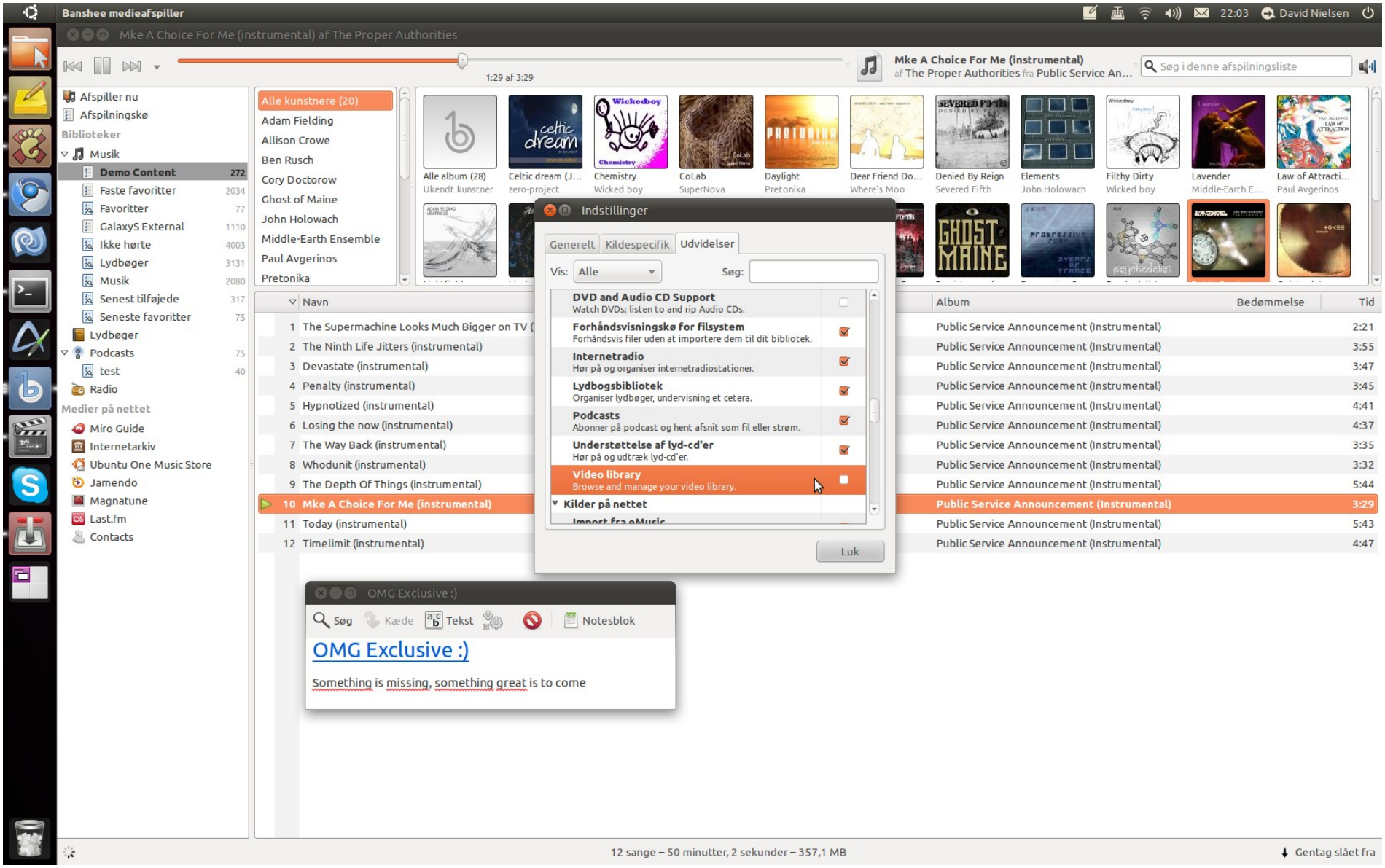
Alien 3 by Unknown Artist
Media Edit View Playback Tools Help
Alien 3
by Unknown Artist
Simplify
Fullscreen
Now Playing
Play Queue
Libraries
Music
Favorites
Recent Favorites
Recently Added
Recently Played
Unheard
Audiobooks
Videos
Favorites
Unwatched
Podcasts
Radio
Online Media
Amazon MP3 Store
Miro Guide
Internet Archive
Last.fm
Banshee Group
Creative Commons
Mix
Neighbors
Personal
Recommended
Shared Media
XBMC: Media Server: (192...
Music
Video
20th CENTURY FOX
Repeat Off

Video Patch

- Make video library as an extension
- DVD covers for each movies/TV shows
- Metadata (actors, summary, …)
- Organize tv shows by seasons/episodes

banshee

FOSDEM 2012

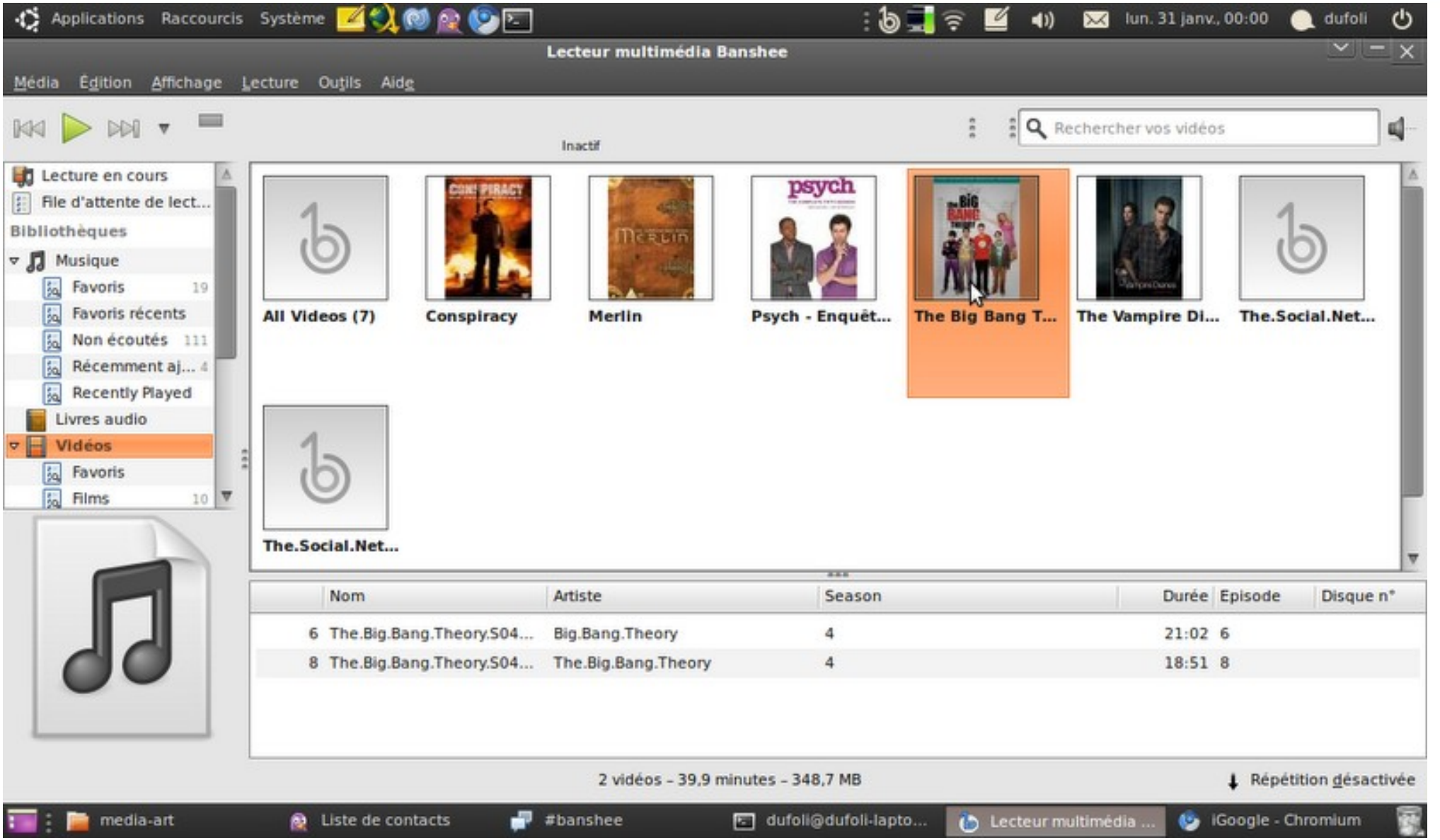


Powered by Mono

mono

banshee

FOSDEM 2012



Powered by Mono

mono

Video Patch todo

- Refactor video database model
- Manage progress in tv show (Last episode watched)
- Beta-series provider (or any other website of the same kind)
- Remember video last position
- Improve custom view (cover ring view, …)
- Movie and tv shows must be 2 sub-sources of video library source.

Other Items

- **Cross fade support**
- **Performance**
- **Stability**
- **recovery corrupted database**
- **Multiple Library ==> Podcast import**
- **Podcast atom feed support**
- **Voice control**
- **Kinect control**

limit is your imagination...

else other people's imagination (487 enhancement requests)

Review take time !

Currently 62 patches wait for review

To speed up inclusion :
- Respect Coding guideline format
- Post a patch done with git format-patch on Bugzilla with patch in attachment
- Do not Harass Maintainers, they are human and have a real life outside ;-)
- Each patch can disrupt the main line so review it yourself by thinking to each potentially NRE/bugs...

basics to know for contributions: banshee's code is huge but you have some main classes (ServiceStack, playerEngine, Source, SourceFilter,...)

Houdini Kitty
waits for your applause
ICANHASCHEEZBURGER.COM

Bertrand