



Past, Present, Future

And

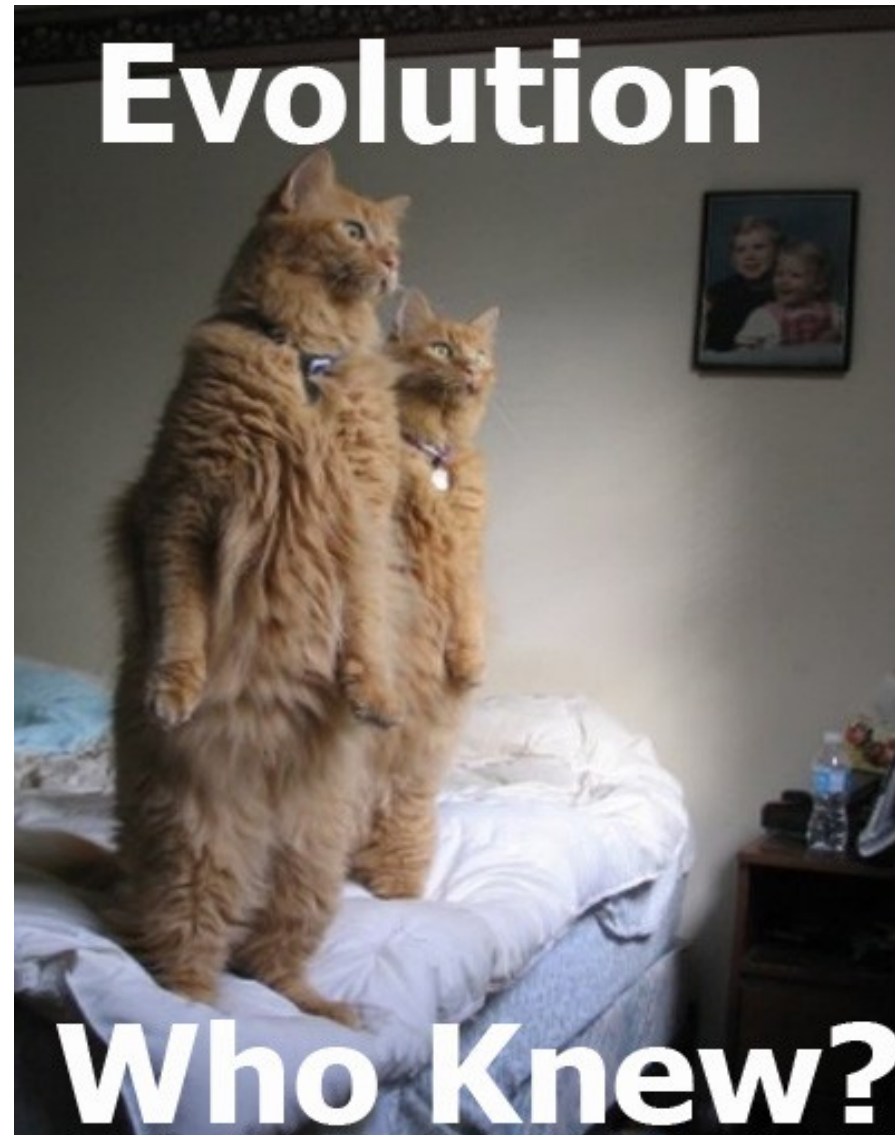
The Crazy stuff



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)

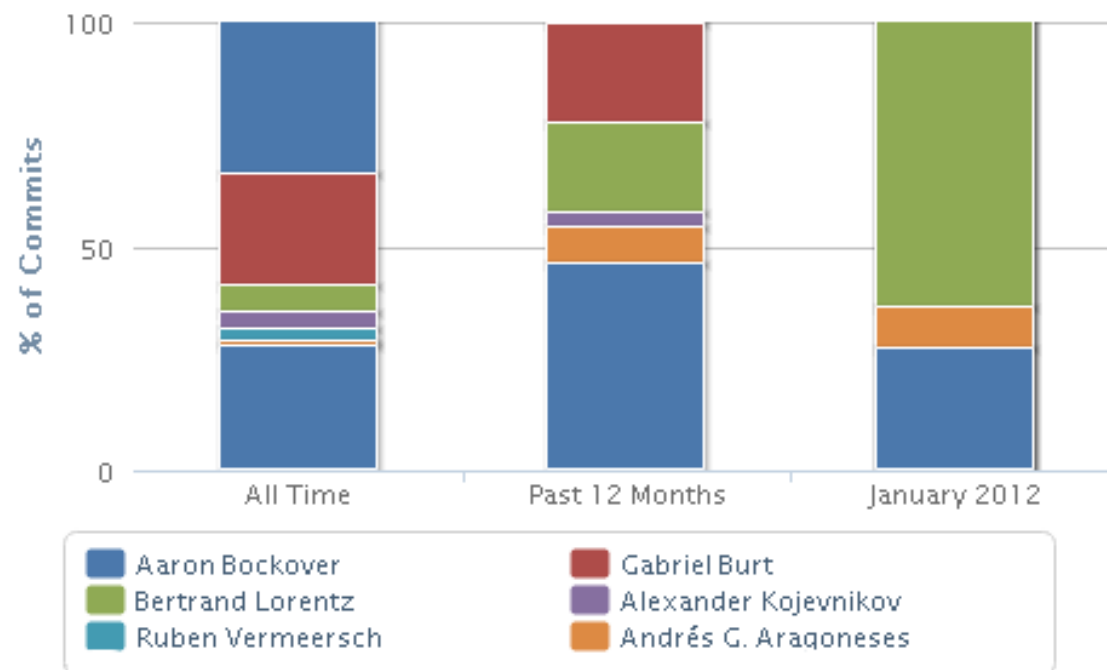


Evolution

Who Knew?



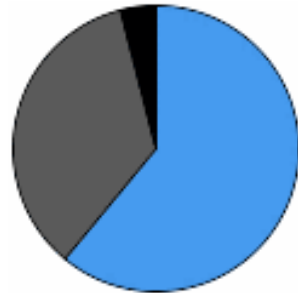
Commit Volume



Languages ?

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

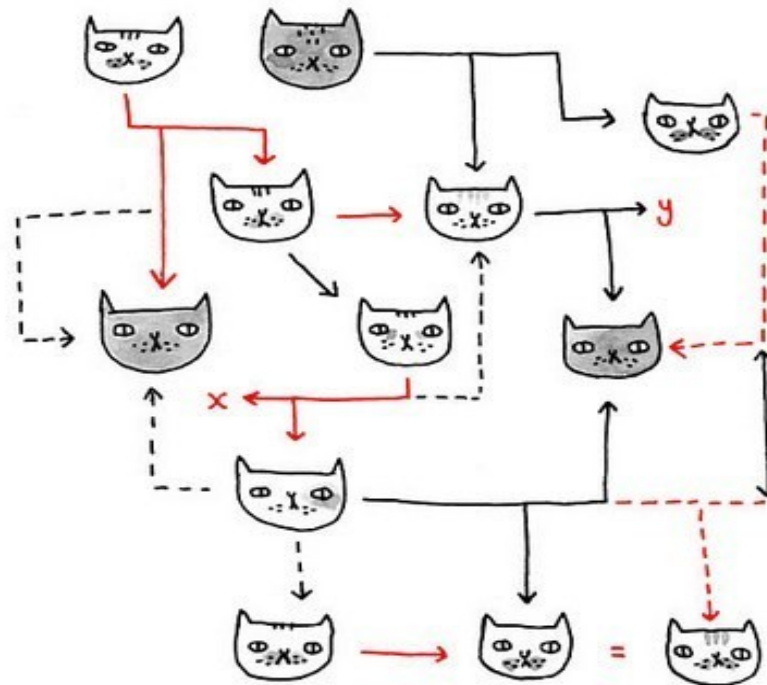
C#	61%
XML	35%
Other	4%



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



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 Grzegorzczak, 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 Fisk, 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



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



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,... Import 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.



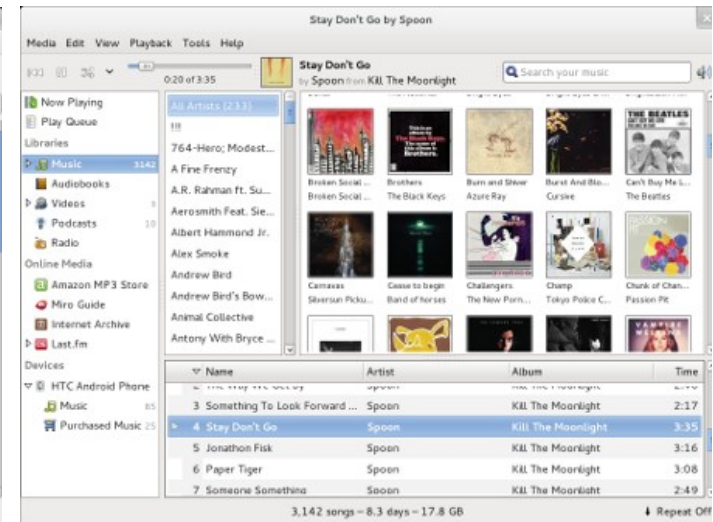
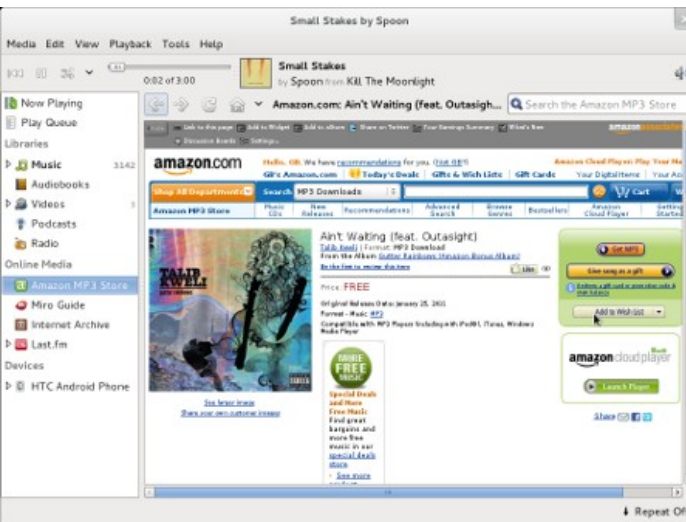


2010 New Features

Amazon store

Miro podcast

Grid view





2011 New features





2011 New Features

Podcast View



Democracy Now! 2010-11-10 Wednesday

11/10/2010

Headlines for November 10, 2010; Nir Rosen on "Aftermath: Following the Bloodshed of America's Wars in the Muslim World"; "Wartorn 1861-2010" New Doc Chronicles Post-Traumatic Stress Disorder from Civil War to Iraq & Afghanistan



Guest DJ Daniel Lanois

11/9/2010

01. Sly And The Family Stone: "In Time" from 'Fresh'02. The Jimi Hendrix Experience: "Foxye Lady" from 'Are You Experienced'03. Brian Eno: "Weightless" from 'Apollo: Atmospheres & Soundtracks'04. Charles Wright And The Watts 103rd Street Rhythm Band: "Express Yourself" from 'Express Yourself'05. Black Du...



Sound Opinions with Best Coast

11/9/2010

Whatever coast you prefer, you'll want to tune in for Best Coast live in the studio. Plus, Music, Bryan Ferry has a

▶ Play

+ Add to Play Queue

Play After

Add to Playlist

Archive

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Podcast

Search

Porters from Planet Money —you know, the things meet banks, sank the nt the global financial ie of those. And "Toxie" encyclopedia of the is an animation about Tox...



Live at WNYC: A Reading from John Hodgman

11/8/2010

Friend of the show John Hodgman reads a piece written specially for our live show in New York City, entitled "16 Things to Do in Connecticut Before the Coming Total Collapse of Civilization". One of his newest ventures is the Judge John Hodgman podcast, available o...



Linux Outlaws 173 - GPL Black Ops

11/5/2010

Ogg Vorbis - 1 hour 44 minutes 3 seconds, 51.4 MB — you can also download all our episodes in both MP3 and Ogg Vorbis format from the Outlaw Archives. This week on the show: Banshee becomes Ubuntu's default music player, more Unity discussions, is Microsoft dropping Silverlight?, a VLC developer being ce...



2011 New Features

Subtitle support

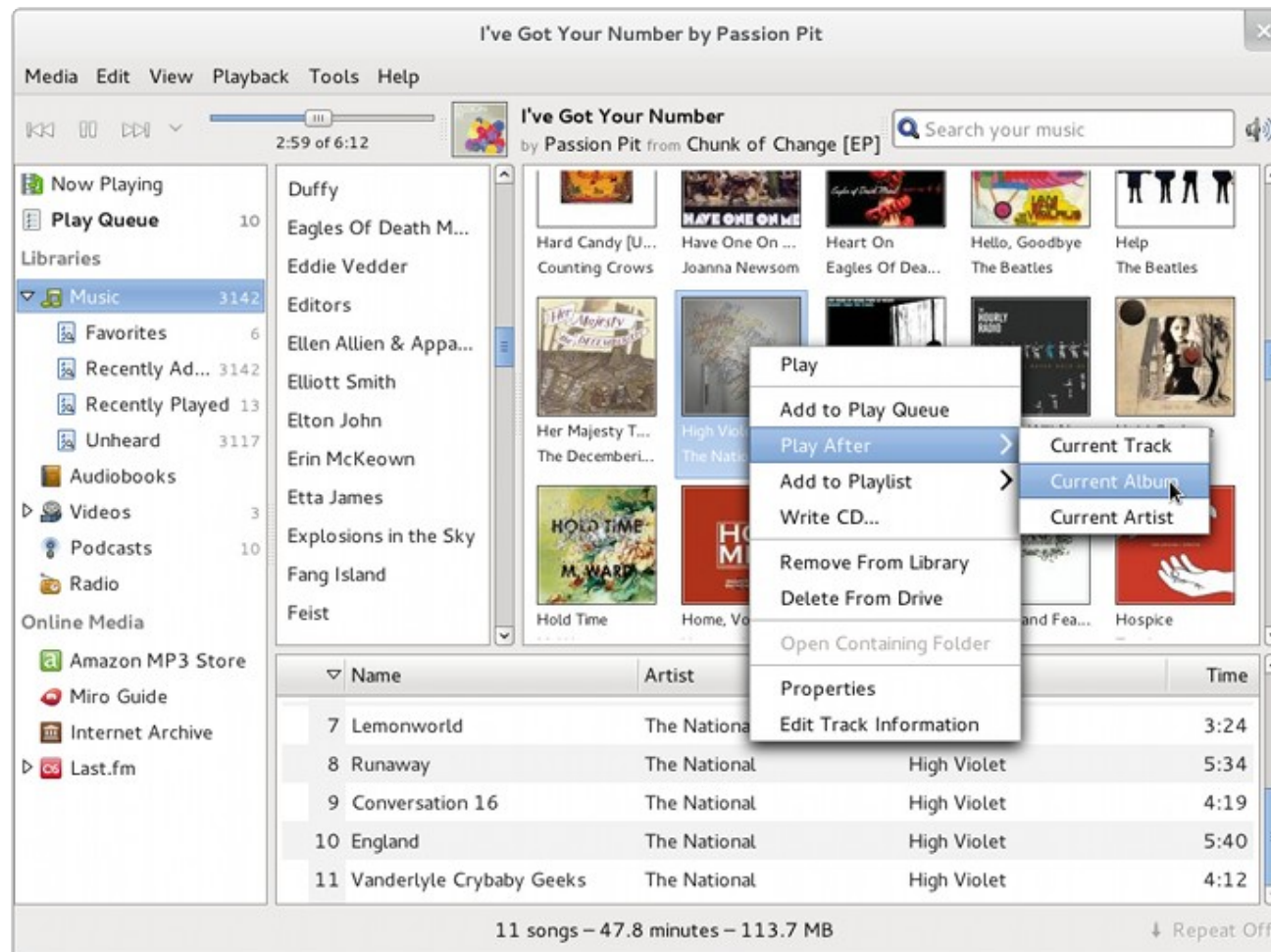
Externals files and embedded subtitles





2011 New Features

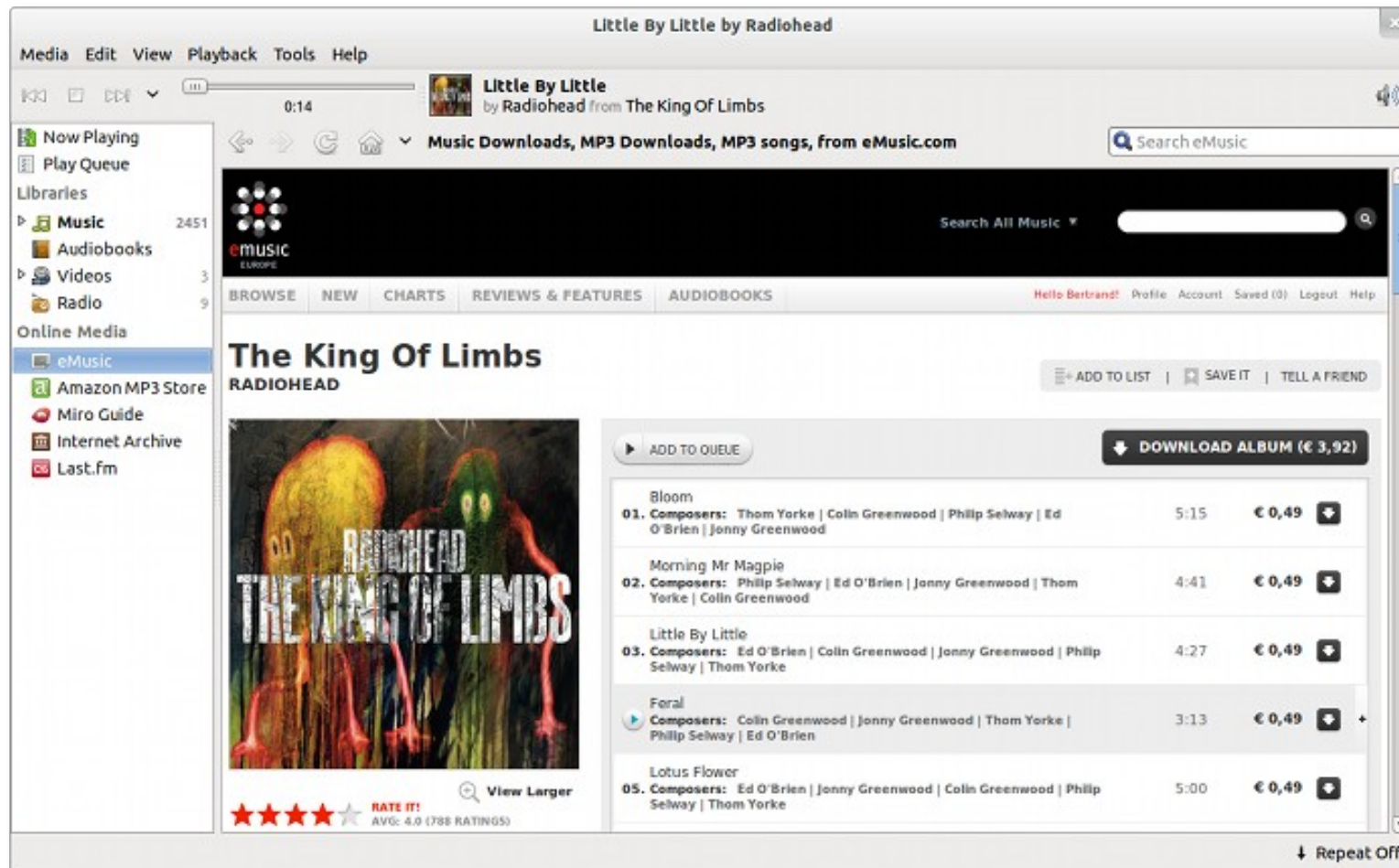
Artist/Album Browser Track Actions





2011 New Features

eMusic store



Little By Little by Radiohead

Media Edit View Playback Tools Help

0:14 Little By Little by Radiohead from The King Of Limbs

Music Downloads, MP3 Downloads, MP3 songs, from eMusic.com

Search eMusic

Search All Music

HELLO BERTRAND! Profile Account Saved (0) Logout Help

BROWSE NEW CHARTS REVIEWS & FEATURES AUDIOBOOKS

The King Of Limbs RADIOHEAD

ADD TO LIST SAVE IT TELL A FRIEND

ADD TO QUEUE DOWNLOAD ALBUM (€ 3,92)

01.	Bloom	Composers: Thom Yorke Colin Greenwood Philip Selway Ed O'Brien Jonny Greenwood	5:15	€ 0,49	Download
02.	Morning Mr Magpie	Composers: Philip Selway Ed O'Brien Jonny Greenwood Thom Yorke Colin Greenwood	4:41	€ 0,49	Download
03.	Little By Little	Composers: Ed O'Brien Colin Greenwood Jonny Greenwood Philip Selway Thom Yorke	4:27	€ 0,49	Download
04.	Feral	Composers: Colin Greenwood Jonny Greenwood Thom Yorke Philip Selway Ed O'Brien	3:13	€ 0,49	Download
05.	Lotus Flower	Composers: Ed O'Brien Jonny Greenwood Colin Greenwood Philip Selway Thom Yorke	5:00	€ 0,49	Download

★★★★★ RATE IT! AVG: 4.0 (788 RATINGS)

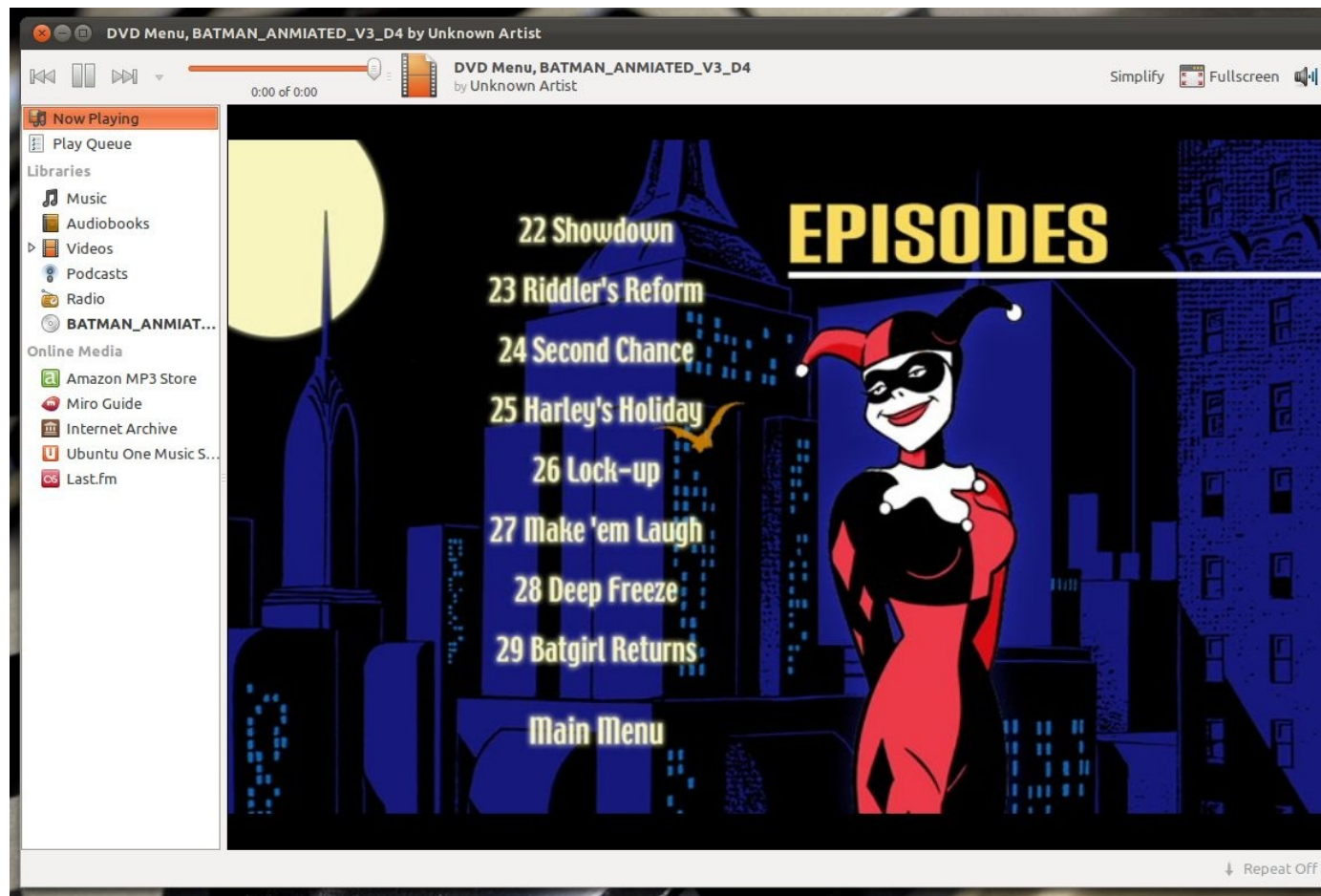
View Larger

Repeat Off



2011 New Features

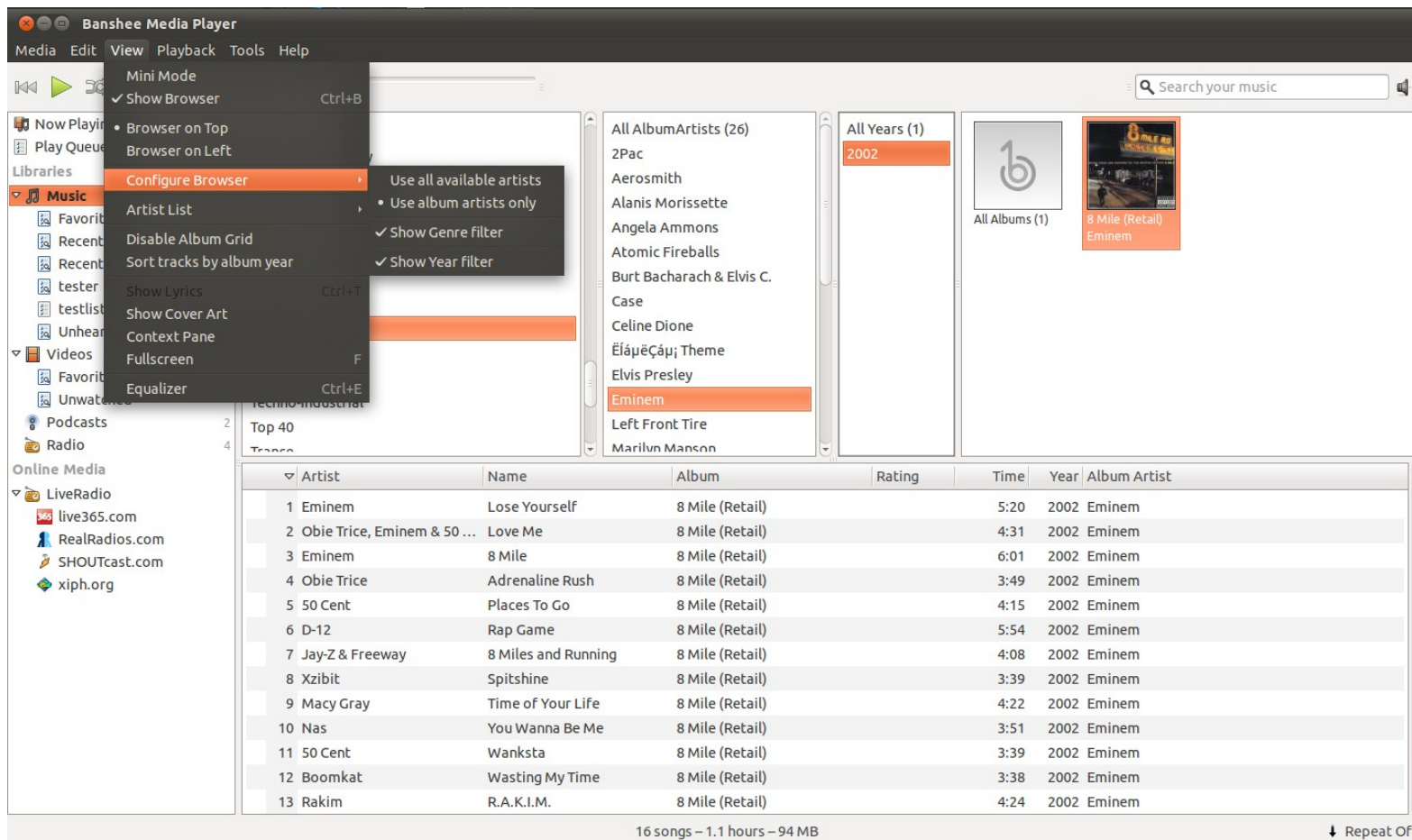
DVD playback





2011 New Features

Genre/Year filter browser



The screenshot shows the Banshee Media Player interface with the 'View' menu open, highlighting the 'Configure Browser' option. The 'Configure Browser' submenu is also open, showing options for 'Artist List', 'Disable Album Grid', 'Sort tracks by album year', 'Show Lyrics', 'Show Cover Art', 'Context Pane', 'Fullscreen', and 'Equalizer'. The 'Show Genre filter' and 'Show Year filter' options are checked.

The main interface displays a list of artists (All Album Artists (26)) and a list of years (All Years (1)). The 'Eminem' artist is selected, and the '2002' year is selected. The '8 Mile (Retail)' album by Eminem is shown as a cover art.

The main playlist table shows the following data:

Artist	Name	Album	Rating	Time	Year	Album Artist
1	Eminem	Lose Yourself	8 Mile (Retail)	5:20	2002	Eminem
2	Obie Trice, Eminem & 50 Cent	Love Me	8 Mile (Retail)	4:31	2002	Eminem
3	Eminem	8 Mile	8 Mile (Retail)	6:01	2002	Eminem
4	Obie Trice	Adrenaline Rush	8 Mile (Retail)	3:49	2002	Eminem
5	50 Cent	Places To Go	8 Mile (Retail)	4:15	2002	Eminem
6	D-12	Rap Game	8 Mile (Retail)	5:54	2002	Eminem
7	Jay-Z & Freeway	8 Miles and Running	8 Mile (Retail)	4:08	2002	Eminem
8	Xzibit	Spitshine	8 Mile (Retail)	3:39	2002	Eminem
9	Macy Gray	Time of Your Life	8 Mile (Retail)	4:22	2002	Eminem
10	Nas	You Wanna Be Me	8 Mile (Retail)	3:51	2002	Eminem
11	50 Cent	Wanksta	8 Mile (Retail)	3:39	2002	Eminem
12	Boomkat	Wasting My Time	8 Mile (Retail)	3:38	2002	Eminem
13	Rakim	R.A.K.I.M.	8 Mile (Retail)	4:24	2002	Eminem

At the bottom, it shows '16 songs - 1.1 hours - 94 MB' and 'Repeat Off'.



Count how many kittens

way©DD.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

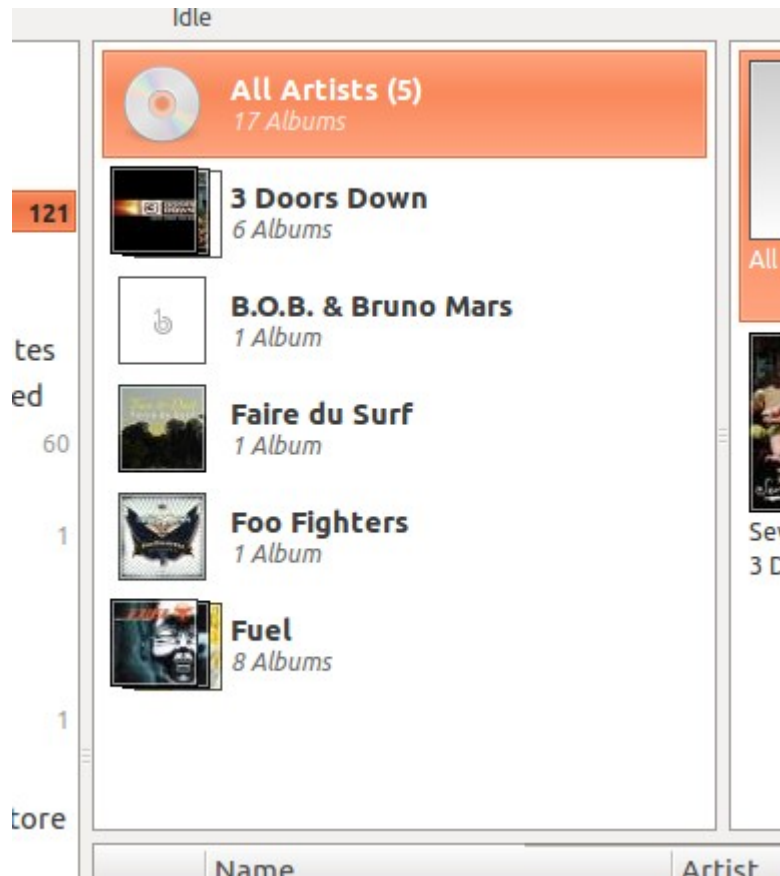




Current patches



Artists Icon

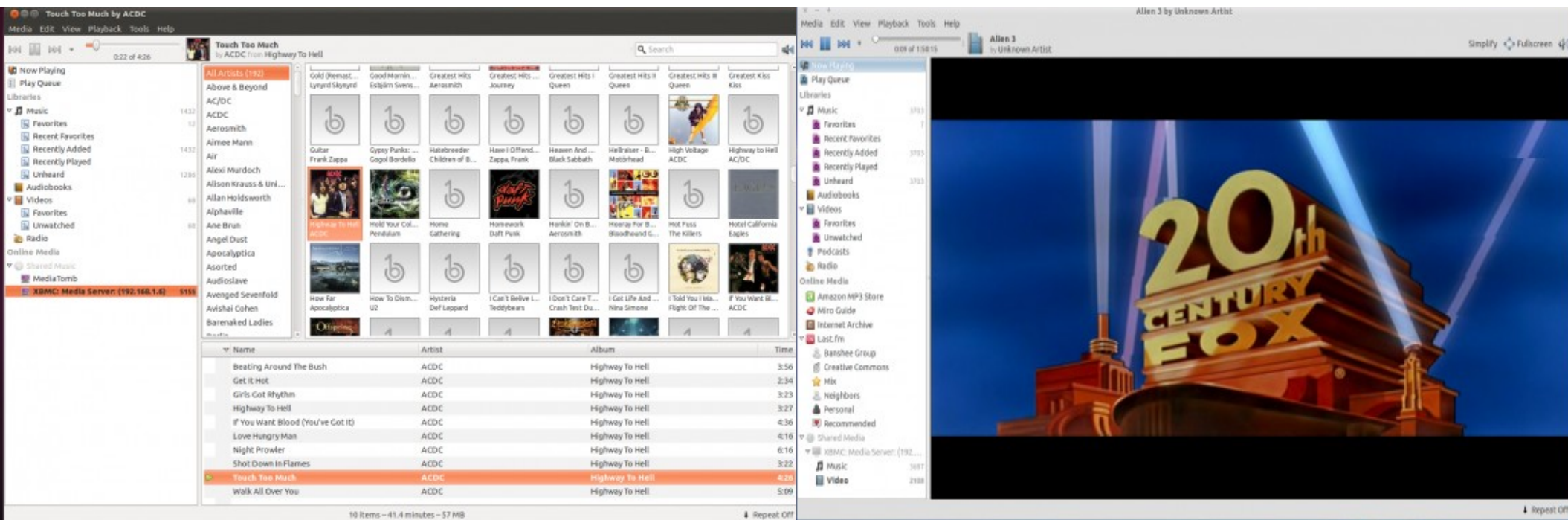


Need work :

« 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



The screenshot shows the Banshee media player interface. The main window displays a music library with a search bar and a list of tracks. The left sidebar shows various media sources, including 'XBMC Media Server: (192.168.1.6)'. The right sidebar shows a 'Now Playing' section with a play queue and a list of media sources. The background image is a 20th Century Fox logo.

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	4:10
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





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 medieafspiller

Mke A Choice For Me (instrumental) af The Proper Authorities

1:29 af 3:29

Mke A Choice For Me (instrumental)
af The Proper Authorities fra Public Service An...

Søg i denne afspilningsliste

Alle kunstnere (20)

- Adam Fielding
- Allison Crowe
- Ben Rusch
- Cory Doctorow
- Ghost of Maine
- John Holowach
- Middle-Earth Ensemble
- Paul Avgerinos
- Pretonika

Alle album (28)
Ukendt kunstner

Indstillinger

Generelt Kildespecifik Udvidelser

Vis: Alle Søg:

DVD and Audio CD Support
Watch DVDs; listen to and rip Audio CDs.

Forhåndsvisningskø for filsystem
Forhåndsvis filer uden at importere dem til dit bibliotek.

Internetradio
Her på og organiser internetradiostationer.

Lydbogsbibliotek
Organiser lydbøger, undervisning et cetera.

Podcasts
Abonner på podcast og hent afsnit som fil eller strøm.

Understøttelse af lyd-cd'er
Her på og udtræk lyd-cd'er.

Video library
Browse and manage your video library.

Kilder på nettet
Import fra eMusic







Album

Album	Bedømmelse	Tid
Public Service Announcement (Instrumental)		2:21
Public Service Announcement (Instrumental)		3:55
Public Service Announcement (Instrumental)		3:47
Public Service Announcement (Instrumental)		3:45
Public Service Announcement (Instrumental)		4:41
Public Service Announcement (Instrumental)		4:37
Public Service Announcement (Instrumental)		3:35
Public Service Announcement (Instrumental)		3:32
Public Service Announcement (Instrumental)		5:44
Public Service Announcement (Instrumental)		3:29
Public Service Announcement (Instrumental)		5:43
Public Service Announcement (Instrumental)		4:47

12 sange - 50 minutter, 2 sekunder - 357,1 MB

↓ Gentag slået fra



Applications Raccourcis Système      lun. 31 janv., 00:00 dufoll 

Lecteur multimédia Banshee

Média Édition Affichage Lecture Outils Aide

⏮ ⏪ ⏩ ⏭ 🔍 Rechercher vos vidéos 🔊


Inactif


Lecture en cours

File d'attente de lect...


Bibliothèques

- 🎵 **Musique**
 - Favoris 19
 - Favoris récents
 - Non écoutés 111
 - Récemment aj... 4
 - Recently Played
- 📖 Livres audio
- 📺 **Vidéos**
 - Favoris
 - Films 10







All Videos (7)




Conspiracy




Merlin




Psych - Enquêt...



The Big Bang T...



The Vampire Di...



The.Social.Net...

	Nom	Artiste	Season	Durée	Episode	Disque n°
6	The.Big.Bang.Theory.S04...	Big.Bang.Theory	4	21:02	6	
8	The.Big.Bang.Theory.S04...	The.Big.Bang.Theory	4	18:51	8	

2 vidéos - 39,9 minutes - 348,7 MB

↓ Répétition désactivée

media-art Liste de contacts #banshee dufoll@dufoli-lapto... Lecteur multimédia ... iGoogle - Chromium



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,...)





Bertrand