

Inside the  
**Banshee**  
Awesome  
Factory



Gabriel Burt  
gabaug on IRC/twitter  
<http://gburt.blogspot.com>

Jump in  
with confidence



- 1) install dependencies
- 2) get the code

[banshee.fm/contribute/write-code/](https://banshee.fm/contribute/write-code/)  
for the full specifics for your distro



# GNOME Human Interface Guidelines 2.2.1

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Eject When Finished

```
$ grep -r "Eject When" src/*  
src/Extensions/Banshee.AudioCd/Banshee.AudioCd/AudioCdService.cs:  
    Catalog.GetString("_Eject When Finished"),  
$
```

```
--- a/src/Extensions/Banshee.AudioCd/Banshee.AudioCd/AudioCdService.cs
+++ b/src/Extensions/Banshee.AudioCd/Banshee.AudioCd/AudioCdService.cs
@@ -244,7 +244,7 @@ namespace Banshee.AudioCd
     "if metadata can be found and it is not already in the library."));

    pref_section.Add (new SchemaPreference<bool> (EjectAfterRipped,
-        Catalog.GetString ("_Eject When Finished"),
+        Catalog.GetString ("_Eject when finished"),
        Catalog.GetString ("When an audio CD has been imported, automatically eject it.")));

    pref_section.Add (new SchemaPreference<bool> (ErrorCorrection,
```

Eject when finished

*bug fix*



“A Music Management and Playback Application”

“Play and organize your music”

time to hack...



*new feature*

no hoops

*new extension*



less pain



no hoops

new extension



Aaron Bockover, Alan McGovern, Alexander Hixon, Alexander Kojevnikov, Alexandros Frantzis, Alex Bennee, Alex Kloss, Alex Launi, Alex Mauer, Alp Toker, Anders Petersson, Andrea Cimitan, Andreas Neustifter, Andreas Nilsson, Andrés G. Aragoneses, Andrew Conkling, Andy Midgette, Arthur Carli, Arun Raghavan, Aurélien Mino, Aydemir Ulaş Şahin, Benjamín Valero Espinosa, Ben Maurer, Bertrand Lorentz, Bill Dawson, Bob Copeland, Bojan Rajkovic, Brad Taylor, Brandon Perry, Brian Lucas, Brian Nickel, Brian Teague, Chow Loong Jin, Chris Howie, Chris Jones, Chris Lahey, Christian Hergert, Christian Krause, Christoph Burgdorf, Christopher James Halse Rogers, Chris Toshok, Chris Turchin, Claude Paroz, Cody Russell, Cosmin Banu, Daniel Munkton, Daniel Siegel, Dan Wilson, Dan Winship, David Spreen, David Stone, Diego E. Pettenò, Eitan Isaacson, Elena Grassi, Eoin Hennessy, Eric Butler, Erik Schmidt, Fabian Jost, Felipe Almeida Lessa, Félix Velasco, Fernando Casanova, Florent Thoumie, Fredrik Hedberg, Gabriel Burt, Garrett LeSage, Götz Waschke, Haitao Feng, Hans Petter Jansson, Harold Schreckengost, Iain Lane, Igor Guerrero Fonseca, Ilya Konstantinov, Ivan N. Zlatev, Jack Deslippe, Jakub Steiner, James Willcox, Jan Arne Petersen, Ján Sokoly, Jason Conti, Jason Taylor, Jeff Tickle, Jeff Wheeler, Jensen Somers, Jérémie Laval, Jeroen Budts, Johannes Kuhn, John Millikin, Jordi Mas, Jorge Castro, Jo Shields, Julien Moutte, Juri Pakaste, Ken Vandine, Kevin Duffus, Konstantin Oshiyko, K. Vishnoo Charan Reddy, Larry Ewing, Lauri Kotilainen, Lukas Lipka, Marijn Ros, Matt Enright, Michael Kaiser, Michael Martin-Smucker, Michael Monreal, Michał Sawicz, Miguel de Icaza, Mike Gemünde, Mike Urbanski, Moritz Schallaböck, Nathan Palmer, Neil Loknath, Nicholas Doyle, Nicholas Parker, Nicolò Chiuffo, Nils Naumann, Oben Sonne, Olivier Duff, Oscar Forero, Pacho Ramos, Patrick van Staveren, Paul Cutler, Paul Lange, Pavel Antonov, Pepijn van de Geer, Peter de Kraker, Pratik Patel, Przemysław Grzegorzczak, Robin Stocker, Roderich Schupp, Romain Tartièrre, Ruben Vermeersch, Ryan Collier, Sandy Armstrong, Scott Peterson, Sebastian Dröge, Shaun McCance, Tim Yamin, Tobias Mueller, Todd Berman, Travis Glenn Hansen, Travis Reitter, Trey Ethridge, Valentin Sawadski, Will Farrington, William Pettersson, Wouter Bolsterlee

[build] Do not override DISTCHECK\_CONFIGURE\_FLAGS in Makefile.am

The --disable-scrollkeeper flag is added by the GNOME\_DOC\_INIT macro anyway.

# 32

## code commits

## every week

commit 74176545e78c843e0a21e2dab549a869496194

Author: Gabor Kelemen <kelemeng@gnome.hu>

Date: Mon Jun 7 21:18:20 2010

Updated Slovenian translation

commit 755921a52511b5980fadb11e6c208ffb9918170

Author: Andrej Znidaršič <andrej.znidarsic@gmail.com>

Date: Mon Jun 7 15:09:05 2010

Updated Slovenian translation

commit 155428ffbfd173d64c2d4cc64b12c5de035703ec

Author: Alexandre Prokoudine <alexandre.prokoudine@gmail.com>

Date: Mon Jun 7 13:16:29 2010

Russian translation updated by Misha Shnurapet

commit be197cad1e9611dd82af5acea1b1f74f6f62d2eb

Author: Alexander Kojevnikov <alexander@kojevnikov.com>

Date: Sun Jun 6 11:10:48 2010

[PlayQueue] Correct track reordering (bgo#613333)

<a href="#">622826</a>	2010-06-26	cri	RESO	User interface locked up by long SELECT queries
<a href="#">622028</a>	2010-06-18	nor	RESO	DllNotFoundException: libbnp11
<a href="#">621955</a>	2010-06-18	nor	RESO	TitledList elipsizes rather than wrapping.
<a href="#">621950</a>	2010-06-18	maj	RESO	Automake fails if gnome-doc-utils is not installed
<a href="#">621934</a>	2010-06-17	nor	RESO	Now Playing elipsizes track information unnecessarily
<a href="#">621849</a>	2010-06-17	enh	RESO	Youtube extension needs better icon
<a href="#">621687</a>	2010-06-15	nor	RESO	Internet archive does not want to play archive
<a href="#">621329</a>	2010-06-11	nor	RESO	Banshee-1.6.0 doesn't see Xperia X10 (Android)
<a href="#">621315</a>	2010-06-11	nor	RESO	Enable conditional building of gio
<a href="#">621253</a>	2010-06-10	nor	RESO	[patch] Update MusicBrainzSharp library from upstream
<a href="#">621134</a>	2010-06-09	nor	RESO	[help] Remove obsolete banshee.omf.in.
<a href="#">620999</a>	2010-06-08	nor	RESO	[CryptoUtil] Add stream based hashing.
<a href="#">620826</a>	2010-06-07	nor	RESO	URIs of Google Play aren't consistent
<a href="#">620586</a>	2010-06-04	min	RESO	Cleaner Grid View Mouse Over Glow
<a href="#">620142</a>	2010-05-31	nor	RESO	MeeGo Media Player keeps opening at launch
<a href="#">619939</a>	2010-05-28	maj	RESO	Couldn't quit banshee
<a href="#">619856</a>	2010-05-27	nor	RESO	Add support for using the GNOME proxy settings
<a href="#">619706</a>	2010-05-26	nor	RESO	[SafeUri] Add implicit conversion to string.
<a href="#">619638</a>	2010-05-25	nor	RESO	album browser scrollbar
<a href="#">619333</a>	2010-05-22	min	RESO	running Nereid shows a console window
<a href="#">618686</a>	2010-05-15	nor	RESO	Changing any metadata erases podcast name
<a href="#">618585</a>	2010-05-14	maj	RESO	Transcoder uses filesrc which breaks conversion from gio/gvfs sources

10

bugs fixed  
every week



1

**new contributor**  
*almost every week*





a few days » hundreds

git, alpha/nightly package repos

A large crowd of people is gathered at a concert, with a stage visible in the background. The scene is filled with a dense shower of golden confetti falling from above, creating a celebratory atmosphere. The lighting is warm and focused on the stage area.

1 month » thousands

unstable package repos

openSUSE™

MeeGo

Foresight Linux

Moonida

ubuntu®



# 6+ months » millions

installed-by-default, stable package repos

Media playback controls: play/pause, stop, previous, next, volume, and 'Idle' status.

- Now Pla...
- Play Qu...
- Music 793
- ip... 667
- Negl... 3
- Rece...
- Audiobo...
- Videos 3
- Podca... 34
- Radio 3
- Amazon...
- Miro Guide
- Internet...
- Last.fm



Hello, GB. We have recommendations for you. (Not GB?)

FREE Two-Day Shipping f Sponsored by Post-i

GB's Amazon.com Today's Deals Gifts & Wish Lists Gift Cards Your Accou

Shop All Departments Search MP3 Downloads GO Cart Wish

MP3 Downloads Getting Started Bestsellers Advanced Search New Releases Special Deals Install The Downloader Get Help M



### Paper Trails [Amazon MP3 Exclusive]

by [The Benjy Davis Project](#)

★★★★★ (4 customer reviews)

Price: **FREE**

[Special Offers Available](#)

Original Release Date: July 12, 2010

Format - Music: [MP3](#)

Compatible with MP3 Players (including with iPod®), iTunes, Windows Media Player

Get MP3 Album

Redeem a gift card or promo view balance

Add to Wish List

Share

#### MP3 Songs

	Song Title	Time	Price	
	1. Check Your Pocket	4:12	FREE	
	2. Sweet Southern Moon	3:59	FREE	
	3. Mississippi	3:48	FREE	
	4. The Day That I Die	3:21	FREE	
	5. Green And Blue	4:26	FREE	

[See larger image](#)

[Share your own customer images](#)

[Listen to Samples and Buy MP3s](#)

The image shows a multi-step process of purchasing music. At the top, a browser window displays the Amazon.com product page for the album "Year Of The Black Rainbow" by Coheed & Cambria. The price is listed as \$5.00. A prominent orange button labeled "Buy MP3 album with 1-Click" is highlighted by a mouse cursor. A large blue arrow originates from this button and points down to a music player interface.

The music player interface, located at the bottom, features a sidebar with navigation options like "Now Playing", "Play Queue", "Music", "Favorites", "Recent Favorites", "Recently Added", "Unheard", "Videos", "Podcasts", "Last.fm", and "Radio". The main area shows the album cover for "Year Of The Black Rainbow" and a tracklist:

Track Number	Artist	Album	Track Title	Duration
4	Coheed & Cambria	Year Of The Black Rainbow	Here We Are Juggernaut...	3:44
5	Coheed & Cambria	Year Of The Black Rainbow	Far	4:53
6	Coheed & Cambria	Year Of The Black Rainbow	This Shattered Symph...	4:25
	Coheed & Cambria	Year Of The Black Rainbow	World Of Lines	3:17

At the bottom of the music player, a status bar indicates "7 items - 26.9 minutes - 48.8 MB" and a "Repeat Off" button. A progress bar shows "64%" completion. A large black circle with the number "2" is overlaid on the bottom left of the music player interface.

7 items - 26.9 minutes - 48.8 MB

Repeat Off



Idle



- Now Playing
- Play Queue
- Music 793
- Audiobooks, etc
- Videos 3
- Podcasts
- Radio 3
- Amazon MP3 Store
- Miro Guide**
- Internet Archive
- Last.fm

**miroGUIDE** VIDEO AUDIO VIDEOS YOU'LL LOVE

Genres Most Popular Top Rated New Shows Audio By Language  Language

FEEDBACK



Moderator Pick



Moderator Pick




Moderator Pick

CURATED BY PRX PUBLIC RADIO EXCHANGE


**SEARCH FOR AUDIO**

New Shows
Most Popular
**Genres**

**Activism** View All




Free Talk Live




Point of Inquiry

**Animals** View All




AVMA Animal Tracks




Earth-Touch Ambient

**Animation** View All




Skynobi Adventures




fightbait.com podcast

**Arts** View All



Paris DJs Podcast



Seth Harwood



Idle



- Now Playing
- Play Queue
- Music 793
- Audiobooks, etc
- Videos 3
- Podcasts
- Radio 3
- Amazon MP3 Store
- Miro Guide
- Internet Archive
- Search Results**
- Last.fm

Search Results

Collection: Audio Books & ...

Sort by: Downloads

Optional Query

Search

Title	Creator	Rating	Year	Downloads	License
Moby Dick, or the Whale	Herman Melville	★★★★★		322,096	PD
Pride and Prejudice (Solo Project)	Jane Austen	★★★★★	2006	315,308	
The Adventures of Sherlock Hol...	Doyle, Sir Arthur Conan	★★★	2007	312,547	PD
The Art of War	Sun Tzu	★★★★★	2006	307,860	PD
Oliver Twist	Charles Dickens		2006	302,742	PD
Dracula	Bram Stoker	★★★	2006	298,336	PD
Emma	Jane Austen	★★★★★	2006	296,679	PD
The Adventures of Tom Sawyer	Mark Twain	★★★★★	2006	282,487	PD
David Copperfield	Charles Dickens	★★★	2008	276,880	PD
The Junior Classics	William Patten			256,536	PD
Poems Every Child Should Know	Burt, Mary E.	★★★★★	2007	246,246	PD
The Count of Monte Cristo	Alexandre Dumas	★★★		242,505	PD
Uncle Tom's Cabin	Harriet Beecher Stowe	★★★★★		232,378	PD
The Odyssey	Homer		2007	208,422	PD
Treasure Island	Robert Louis Stevenson	★★★★★	2005	202,809	PD
A Tale of Two Cities	Charles Dickens	★★★★★	2006	200,047	PD
Twenty Thousand Leagues Und...	Jules Verne			193,038	PD
Andersen's Fairy Tales	Hans Christian Andersen			190,708	
Frankenstein	Mary W. Shelley		2005	187,026	PD
Romeo and Juliet	William Shakespeare			182,374	PD
Mansfield Park	Jane Austen	★★	2007	182,048	PD
Pride and Prejudice	Jane Austen	★★★★★	2007	178,003	PD
This Side of Paradise	F. Scott Fitzgerald		2007	177,421	PD



[banshee.fm](https://banshee.fm)





questions?

[banshee.fm](https://banshee.fm)

# Image attribution

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Steps:

<http://www.flickr.com/photos/bucher/684595491>

Break in case of fire:

<http://www.flickr.com/photos/donshall/3325139253>

Patched jeans:

<http://www.flickr.com/photos/jek-a-go-go/3727018569>

Small crowd:

<http://www.flickr.com/photos/caesarsebastian/1395205810>

Medium crowd:

<http://www.flickr.com/photos/larskflem/113453239>

Large crowd:

<http://www.flickr.com/photos/sbishop/161142684>

Dog/hoop:

<http://www.flickr.com/photos/mathibus/44270300>



**banshee.fm**