Rescuing Your Media Player From Itself

By Montana Quiring and Jeff Green

Index

- Intro

- Recent Changes

- Limitations

- Story Time

- Demos

- Why Would a Linux/UNIX user want Rockbox?

- Resources/Links

- Ideas

Warning

- **Disclaimer:** Messing with your firmware and software on your media player may make it non-functional. Do lots of reading before you try anything. We can't be held responsible for what you do to your device.

What's Good About Rockbox?

- Open Source software

- Lots of features

- Supports blind users

- No DRM to worry about

- Can play video (MPEG2)

- More audio formats

- Dual boot

What's Good About Rockbox?

- Lots of games
- Skinnable/Themes
- Better and louder sound
- Module system
- Unlock/enable bonus hardware
- Manuals are updated daily
- Step up from iPod Linux

Recent Changes

- Nice default theme

- Close to working USB stack

- Improved battery life

Limitations

- Battery life (especially when playing video)
- UI is ummm... not so friendly

Story Time with Jeff

- Jeff's SD card crisis

Demos

- How do you install it?

- Demo of Rockbox VIA the simulator

  - Apps

  - Games

Why would Linux/UNIX users care?

- You can develop for it
- You can port apps/games to it
- No DRM
- Has Linux/Free software feel
- Lots of opportunity to tweak

Resources/Links

- anythingbutipod.com

- Bug reporting
  http://www.rockbox.org/tracker/index.php?type=2

- Forum http://forums.rockbox.org/

- Wiki http://www.rockbox.org/twiki/

- Manuals http://www.rockbox.org/manual.shtml

- Buyers guide
  http://www.rockbox.org/twiki/bin/view/Main/BuyersGuide

Supported Devices

- Apple: 1st through 5.5th generation iPod, iPod Mini and 1st generation iPod Nano (not the Shuffle, 2nd/3rd gen Nano, Classic or Touch)

- Archos: Jukebox 5000, 6000, Studio, Recorder, FM Recorder, Recorder V2 and Ondio

- Cowon: iAudio X5, X5V, X5L, M5 and M5L

- iriver: H100, H300 and H10 series

- SanDisk: Sansa c200, e200 and e200R series (not the v2 models)

- Toshiba: Gigabeat X and F series (not the S series)

Ideas

- Use rsync to get stuff on it
- Read RSS
- Read Weather
- Rsync podcasts
- Museum/Event walk-through device
- Video player for kids

Ideas

- Carry your shopping list and addresses
- Driving direction pictures
- Surveillance device
- Carry WEP keys, passwords, etc
- Port your favourite game/app to it
- Hack a web based MP3 player application to upload checked off songs to your player