

Banshee

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Novell.[®]

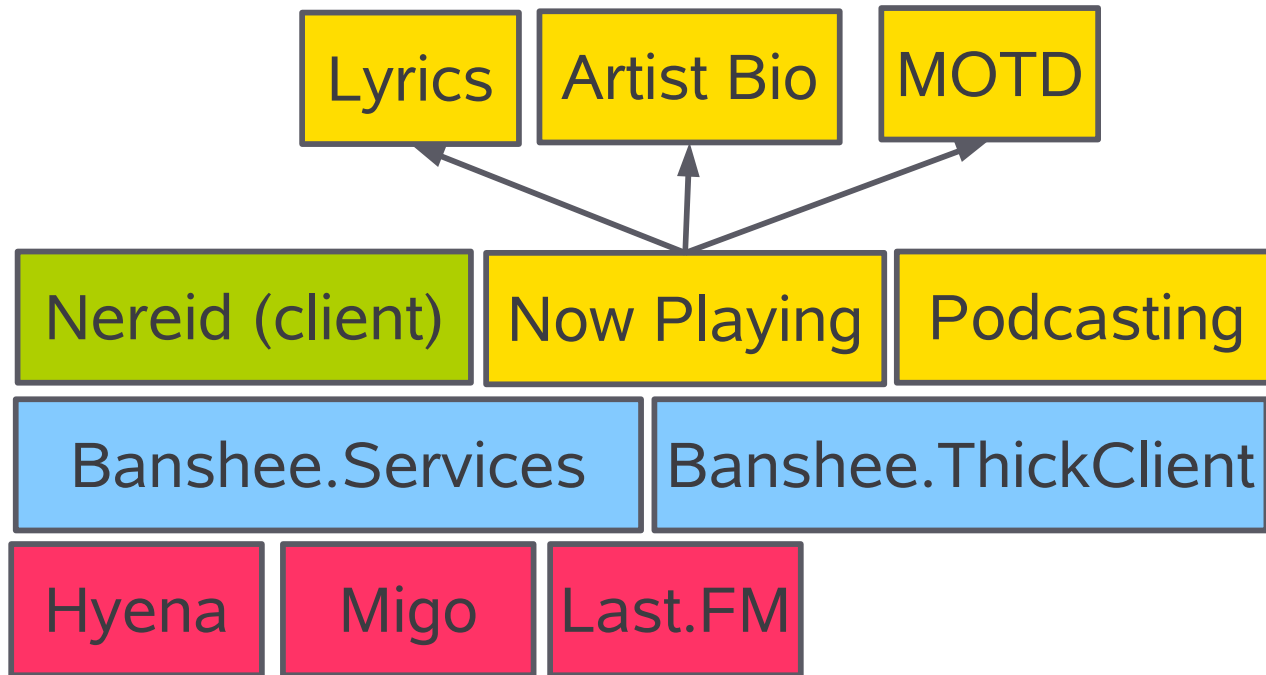
Extensibility – Remote Access

- Remote access via Dbus
 - Playback control (play, next)
 - Player engine info (position, volume)
 - Playing Track Metadata (uri, rating)
 - Full source/library access
 - Query subsystem access
- See `banshee-1 --help` for more, or explore using D-Feet or dbus-explorer

Extensibility – Extensions

- Powered by Mono.Addins
- Banshee core is relatively small
- Most functionality written in extensions
- Extensions can extend other extensions
- Better than GModule/dlopen
 - API is automatically exposed: anything that is reachable in memory and is public can be used by an extension
 - Gmodule/dlopen: not so much

Extensibility – Pretty Diagram



Extensibility – Scripting

- Currently with Boo (python-like, interpreted)
- Soon with others (IronPython, IronRuby) via the DLR
- Scripting service provided by another extension
- Scripts similarly have full API access

```
import Banshee.MediaProfiles
import Banshee.ServiceStack
```

```
profile_manager = ServiceManager.Get[of MediaPlayerManager] ()
vorbis_profile = profile_manager.GetProfileForMimeType ("audio/vorbis")
vorbis_profile.OutputFileExtension = "oga"
```

Roadmap – 1.2

- Banshee 1.2 coming very soon
 - Internet Radio
 - Equalizer
 - Multi-artist album support
 - DAAP
 - Recommendations
 - Library directory watching/scanning

Roadmap – 1.4

- Banshee 1.4 in September
 - MonoTorrent integration
 - Podcast directory (Miro Guide)
 - Playbin2 (gapless playback)
 - UPnP
 - Device playlist support
 - Gnome Do support
 - Better Last.fm community integration (new API)
 - 3rd party extension browser

Roadmap – Future

- WebKit (Amazon, Rhapsody, Last.fm)
- Banshee for Windows and OS X
- Share files with telepathy/tubes
- Better developer tools
 - API documentation
 - MonoDevelop and VisualStudio extension templates



Demo

More Info

- Beautiful new website with 1.0
- Helpful, friendly mailing list and IRC channel
- #banshee on irc.gnome.org

banshee-project.org

The background is a solid blue color with a pattern of diagonal lines in various shades of blue, creating a sense of motion and depth. The lines are most prominent on the right side and fade towards the left.

Thank you!