

Rob Lanphier
Development Support Manager
RealNetworks



- A community of developers & companies innovating with & on Helix DNA, an open, comprehensive platform for digital media creation delivery and playback
<https://helixcommunity.org>
- Hybrid of legitimate commercial licensing and F/OSS licensing, all in single community of developers

Multimedia Client Technology

- 100% multi-licensed (open source and commercial community) media **engine**

“Helix DNA Client”

- 100% multi-licensed (open source and commercial community) media **player** (i.e. Ogg Vorbis and Theora codecs only)

“ Helix Player v1.0”

- Linux media player **that includes non-open source components like RA10/RV10, MP3, and Flash.**

“RealPlayer 10”

Helix Player with GPL! (coming soon)

- Three licensing options
 - RCSL – Commercial licensing terms - \$0.10/unit for media engine
 - RPSL – OSI Certified license, compatible with MPL, QPL, and many other OSI licenses that GPL isn't.
 - GPL v2 (within 30 days) – Free as in speech, beer, and Willy.

RealAudio and RealVideo Licensing

- R&D options
 - No-cost research and personal use license of pre-compiled binaries with Helix DNA Client
 - RCSL Attachment G: No-cost porting and optimization source code agreement
- Distribution options
 - RealPlayer 10 - Contribution and distribution agreement (coming soon)
 - RCSL Attachment F - \$0.25/unit

What's is the Helix DNA Client?

- Cross-platform media engine for Linux, Solaris, Windows (XP and CE), Mac, Symbian with ports underway for iTRON, pSOS, HP-UX, PalmOS and many others I'm forgetting
- Rich XPCOM-like plugin interfaces for filesystems, file formats, renderers and codecs
- File format and rendering plugins
 - RPSL/RCSL/GPL: Ogg Vorbis & Theora, SMIL, GIF, JPEG, PNG, H.261, H.263, basic AVI
 - Plugin-ready for many pre-built, non-open source plugins: RealAudio, RealVideo, MP3, MPEG-4, 3GPP, AMR, Macromedia Flash
- Filesystem plugins:
 - Local, HTTP
- Protocol support in the core: RTSP, RTP
 - RDT available in RealPlayer

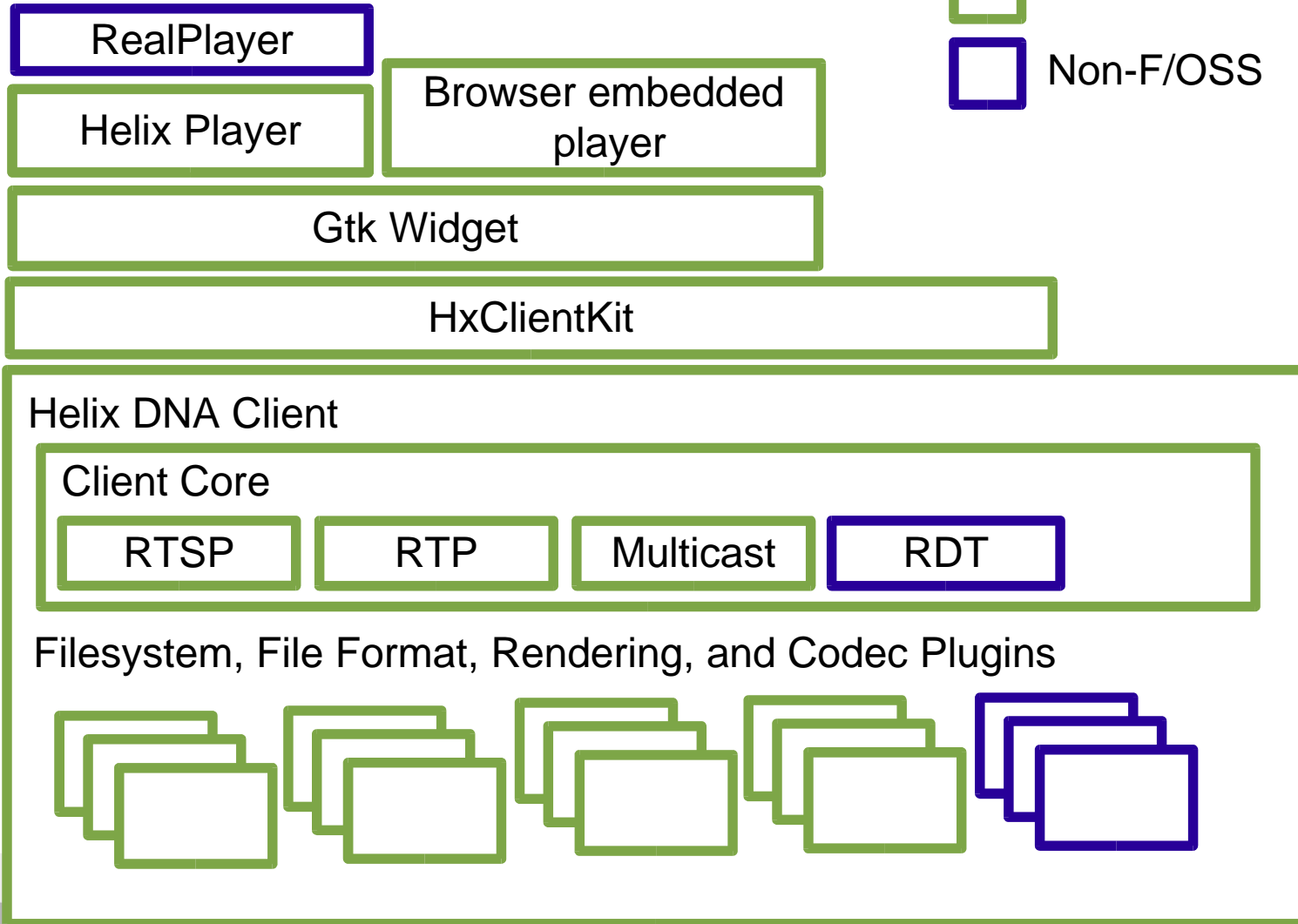
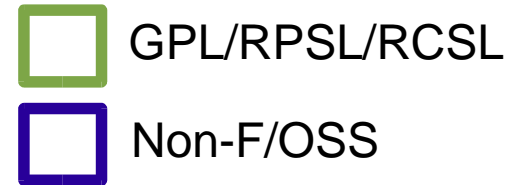
What's does Helix Player add to Helix DNA Client?

- Features:
 - GTK-2.x based user interface
 - GTK widget for media playback built on HxClientKit
 - HxClientKit – cross platform, simple C API for accessing Helix DNA Client functionality
 - Community-accessible gettext internationalization
 - Compliance freedesktop.org/Gnome HIG
 - RPM, tarball & stand-alone installers/browser configuration
 - Mozilla plugin with full JavaScript scriptability, including callbacks
 - Simple Helix Auto-update System
- 100% open source (and soon GPL)
- Target Platform: GTK 2.2, 2.4.x kernel, mozilla 1.6+, libc-2.3.2, gnome 2.4

• **What does RealPlayer 10 add to the Helix Player**

- No cost, non-open source datatype plugins
RealAudio, RealVideo, MP3, MPEG-4, 3GPP, AMR, Macromedia Flash
- Client core additions to add RDT support
 - Statically linked into the core
 - Future roadmap: abstract out protocol plugins for dynamic linking
- RealPlayer branding

Big Picture



More info

<http://helixcommunity.org>