What_is_freeswitch

FreeSWITCH™ is an open source communications platform written in C from the ground up. Licensed under the MPL and running natively on Windows, Mac OSX, Linux, *BSD, and other Unix flavors. In this way, users are given many choices on how and where to run the software.

With a desire to not reinvent the wheel, it is designed to take advantage of as many existing software libraries as possible. It has a modular, extensible architecture, with only limited and necessary functionality in core. Optional modules can be employed to add virtually any functionality desired by the user.

- Default implementation is for a PBX or Softswitch
  - The core (libfreeswitch) can be embedded into almost any app that can use a .so or .dll
  - Mould it into a softphone, PBX, soft-switch or anything in between
- Modular system allows you to extend the system easily
  - Applications may be written in C, Java, .NET, Javascript/ECMAScript, Python, Perl, and more!
- Handle thousands of concurrent channels with media on a standard PC
- Interoperates with many different products and protocols
  - such as CallWeaver (formerly known as OpenPBX.org), Bayonne, Yate, sipXecs or Asterisk
  - Supports SIP, H.323, IAX2, LDAP, Zeroconf, XMPP / Jingle etc
  - With OpenZAP a BSD licensed TDM abstraction library it can interface with the PSTN as well.
- Please see the complete Feature list for more features.
- Supports Secure RTP(SRTP)

FreeSWITCH ™is run by a non-profit corporation OSTAG, the Open Source Telephony Advancement Group. FreeSWITCH™ is made possible through donations from corporations and individuals alike. Donations help keep the project going. You can donate by clicking the donate button on the left.