FreeSwitch_Dependencies

FreeSWITCH tries to leverage existing Open Source libraries and projects. Note that when a "make installall" is done, these are downloaded for you; you do not have to download and install them yourself (in fact even if you do, they are ignored).

An exception is mod_cepstral, which relies on the commercial product from www.cepstral.com. In that case you have to download and install it yourself.

The definitive source of all required libs is the libs directory under source control. The module dependencies can be determined by grepping for buildlib.sh in module Makefiles.

The "freeswitch" module indicates that it is used by core.

Library Name	Project Name	License	Module(s)	Use
apr and apr-util	APR - Apache Portable Runtime	Apache	freeswitch	
curl	cURL	MIT	mod_php, mod_spidermonkey, mod_xml_rpc	
dingaling	libDingaling	MPL	mod_dingaling	to talk Google Talk, part of FreeSWITCH project
freetdm	FreeTDM	BSD	mod_freetdm	TDM abstraction library
js	SpiderMonkey	MPL	mod_spidermonkey	JavaScript
howl	Howl	MIT	mod_zeroconf	Zeroconf implementation (why not use Apple's mDNSResponder now that it is Open Source?)
iksemel	iksemel	LGPL	mod_dingaling, mod_xmpp_event	XML parser with extra Jabber support
libfreeradius-client	libfreeradius-client	BSD	mod_radius_cdr	RADIUS client library
openldap	OpenLDAP	MIT	mod_ldap	LDAP client
portaudio	PortAudio	MIT	mod_portaudio	cross-platform audio device API
pcre	PCRE	MIT	freeswitch	Perl Compatible Regular Expressions
resample	Lib Resample	LGPL	freeswitch	
sndfile	libsndfile	LGPL	mod_sndfile	Library for reading and writing sound files

sofia-sip	Sofia-SIP	LGPL	mod_sofia	SIP user agent library from Nokia
speex	Speex	MIT	mod_speex	audio codec from Xiph.org
g726		Sun MIT-style	mod_g726	codec
g7xx		Public Domain + Sun MIT-style	mod_g722	codec
gsm	GSM	MIT	mod_gsm	codec
ilbc	iLBC	MPL-ish plus must comply with RFC	mod_ilbc	low-bandwidth codec
lpc10	LPC-10	apparently free - modification of DOD source	mod_lpc10	codec
sangoma	libsangoma		mod_wanpipe	
sqlite	SQLite	Public Domain	freeswitch	
spandsp	SpanDSP	LGPL	mod_spandsp	VoIP codecs and FAX applications
srtp	SRTP	MIT	freeswitch	Secure RTP
teletone	libteletone	MPL	freeswitch	DTMF tone detection, part of FreeSWITCH
xmlrpc	XML-RPC	MIT	mod_xml_rpc	