

[?????: <https://tinyurl.com/yssm8tc2>]

Addons - ????????

OSSLab ????

- [A2Billing ???](#)
- [A2Billing ???](#)
- [AppKonference](#)
- [Asterisk Event Monitor - ??????](#)
- [Asterisk GUI](#)
- [Asterisk vs. SIP Proxy](#)
- [Asterisk Call Center Stats](#)
- [CDR-stats - CDR????\(??\)](#)
- [Codec ??????](#)
- [Crystal Recording Interface\(CRI\)](#)
- [FOP2 ??](#)
- [Google ASR](#)
- [Google Calendar Reminder with Asterisk](#)
- [MOR Billing](#)
- [Queue Metrics - ??????\(????\)](#)
- [SIP Proxy - Kamailio](#)
- [TTS - ?????](#)
- [Vicidial ????](#)
- [Web-MeetMe](#)
- [?? Queue Log Analyzer](#)
- [?????????-Endpoint Manager\(Auto Provisioning\)](#)
- [????\(Fax over IP\)](#)
- [????\(Stress Testing\) - SIPp](#)
- [???~???????](#)
- [???~???????](#)
- [????????Queue](#)

Hotel ?????

- [P\\$X FIAS interface for Hotel Property Management Systems](#) (Hotel PMS ????????)
- [Hotel Management System::PIAF](#)
? [Hotel Management System::Elastix](#)

?????(Call Center)

Auto Dialer - ??????

- [Crystal Call Center](#) - ????????????????? Asterisk ??????Web Based ??????? 30 ????
- [VICIDIAL Call Center Suite](#)
?? Asterisk ??????(Call Center)????????????????????
[??????](#)
[GoAudioDial](#) - ??? vicidialNOW???? Asterisk + vicidial + [Astguiclient](#) ?????????????????

OSDial - ???????????? Call Center????????????(predictive)????? VICDIAL ??????

- WombatDialer - ?? JSP ????????????????????????? 2 channels/year?
 - ? ???????????? Asterisk ??
 - ? ??????????
 - ? ?????????? Vicalial ??????????????????
 - ? ?????????????????????????????????????/?????????
 - ? ??? API ?????? HTTP POST ?? Dialer?? Dialer ?????? Asterisk?
 - ? ? QueueMetrics ?????????? Call-Center ????
 - ? ?????? <http://www.youtube.com/watch?feature...&v=Sxc65LxcN8M>

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- QueueMetrics - ????? Call Center ????? Asterisk????????
 1. ????????????????????????? Call Center ?????????????????????
 2. ???
 3. ????????????????? Call Center ??????
 4. ????????????????????????? projector?
 5. ???
 6. ????????? http://queuemetrics.com/manuals/OM_T...d/ar01s02.html
- OwnPages - ?? Vicalial dialer, Vtiger CRM, Ownmail, Flash phone ? Call Center ????? Virtualbox ? Amazon EC2 ?????
- Asternic Call Center Stats - ?? Queue ?????????????????????????????????
- Asteriskguru Queue Statistics - GPL ????????? 0.3 ??????

????(Billing)

OpenSource/?????

- Data4voip - (??)???????? Asterisk/FreeSwitch SIP Server????????????/???payment gateway ???
- A2billing - ?????? Asterisk ??????????????????
- Asterisell - ????? VoIP ????? Asterisk server ?????GPL ?????
- AgileVoice - ?????? VoIP ??????????????????????
- ASTPP - ?????? VoIP ?????? Asterisk, FreeSwitch?

Commerical/???

- MOR Biling - ?? Asterisk ?????????????????? 10????????????????????
- A2Billing v.s MOR ???-Trixbox
- 4PSA VoipNow - ?? Asterisk ??? OpenID ? ?????? 10 ??????

SIP Proxy

- Kamailio -??? OpenSER???? 1.4 ????? Kamailio???????????? SIP proxy server, SIP registrar server, SIP location server, SIP application server, SIP dispatcher server?
 - ? Siremis - ?? Kamailio ??????????????????

- [OpenSIPS](#) - ?????????? SIP registrar server, SIP router, SIP redirect server, SIP presence server, SIP load-balancer or dispatcher?
 - ? ??: [Realtime OpenSIPS - Asterisk Integration \(Asterisk 1.8.x\)](#)
 - ? ??: [Realtime OpenSIPS - Asterisk Integration \(Asterisk 1.4.x/1.6.x\)](#)
- [OpenSIPS Control Panel](#) - OpenSIPS ? Web UI ???
- [OpenSBC](#) - GPL ???????? VoIP ? NAT ?????????????????????? Asterisk?????
- [repro SIP proxy](#) - ?? Asterisk & FreeSwitch ????

?????(GUI)

- FreePBX
 - ? [FreePBX Production Install Guide \(CentOS v5.x, Asterisk v1.4.x, FreePBX v2.4.x\)](#)
 - ? [FreePBX Install Guide \(CentOS v5.x, Asterisk v1.6.x, FreePBX v2.4.x\)](#)
- [Asterisk-GUI](#)
 - ? [Asterisk GUI Install Guide \(CentOS v5.x, Asterisk v1.4.x, Asterisk GUI v2.x\)](#)
 - ? [Installing Asterisk GUI](#)
- [Asterisk Management Script](#)
 ??/??? Web-UI???? Embedded System, ?? DD-WRT (????? DD-WRT ??????????????????)
- [Asterisk Manager](#)
 ?????VoIP????????????????????????????????????? Windows ??????????????????FreePBX?????????CLI??????????
 ??????Asterisk??????????
- [Mini Asterisk GUI](#) - ??????web????????? embedded system?web server ?? lighttd ???

??/?????(Click to Call)

- ? Outlook ??
 - ? [OutCALL](#) - ?? Outlook
 - ? [DialApplet](#) - ?????????? Quick Call, Copy to Call, Click to Call, ?? Outlook, ??????????????????????
 - ? [Activa for Asterisk](#) - ?? MS Outlook, MS Dialer ??? [TAPI](#) ??????????
 - ? [CommLink® Lite for Asterisk](#) - MS Outlook ??????????????
 - ? [Asterlook](#) (????) - ?? Outlook ??????
- [Noojee Click for Asterisk](#) - ?? Firefox ?????? AJAM ???? Asterisk ??????????
- [Asterisk PBX Integration Zimlet](#) - ??? Asterisk ???????? [Zimbra](#) ??????????????????
- [Notify application module for the Asterisk PBX](#) - ?????????????????? Linux/Windows/Mac OS ??????
- [ADA\(Asterisk Desktop Assistant\)](#) - Digium ?????????????????? beta ?
 - ??????
 - ???Digium ADA(Asterisk Desktop Assistant)????--??
 - [Installing ADA \(Asterisk Desktop Assistant\) on Elastix](#)
- [iSymphony](#) - ?????? Asterisk ??????????Java-based?Client/Server ?????????????????????????? Asterisk ???
 ?????????????????? Agent/Queue ?????????????? 2 ??????????
- Asterisk Click2Dial (Firefox ????) - ?????????????? 2011-06-15 ??????????????????
 ? ???? : <https://addons.mozilla.org/en-us/fir...sk-click2dial/>
 ? ??? : <https://code.launchpad.net/click2dia...efox-extension>
 ? ???? : <https://translations.launchpad.net/c...efox-extension>

????(Development)

- [SafiWorkshop](#) - ????????? Call flow, IVR???????????????????? SafiServer ??????????????????
- [Visual Dialplan](#) - Dialplan ?????????????? Trixbox/Elastix/PIAF ????????

????/??(Monitor/Report)

- [Monast](#) - Asterisk ????????????????? Python ???Ajax-Based UI ???
- [ASTassistant](#) - ??? IP PBX ??????
- [Asterisk Queue/CDR Log Analyzer](#) - Queue ? CDR ??????????GPL ???
- [Asterisk Windows Operator Panel\(WOP\)](#) - ??? 30 ??????????
- [Asterisk Channel Live](#) - ? Windows ?????????????? C# ??????????????????????
- [Voix Manager](#) - ?? IAX2 ?????????????? [Voix Phone](#) ?? IAX2 ????????????????????? Linux/Windows/Mac???
?? 30 ??
- [CDR-Stats](#) - ??? [CDR Analyzer](#)??? Asterisk ????????????????????? AGPL?
- [asterisk-cdr-viewer](#) - ? PHP ??? CDR ???
- [Crystal Recording Interface\(CRI\)](#) - ???ARI???????????????????? voicemail, ??????

????????(Free Conference Call)/??????

- [TalkShoe](#) - ?? Asterisk SIP ????????????
- [POWWOWnow](#) - ??????/?????????????/?????????????? Google Voice ??????
- [Web-MeetMe](#) - ?? Asterisk ??????????????GPL ???
- [Asteriskast](#) -??? Meetme ????????????

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- ??????????
 - ? [Clonezilla](#) - ?????????? NFS/Local Disk ?????????? Disk to Disk?
 - ? [Mondo Rescue](#) - ?? NFS/CD/ISO ???????
- [Asterisk Voice Changer](#) - Asterisk ???
- Asterisk 1.8 ?????????? PITCH_SHIFT()?
- [SmoothTorque](#) - ???
??
- [DialFox](#) - ???????
- [Asterisk CTI](#) - ??????? CTI ???
- [Asterisk Exchange](#) - ????????? Asterisk ???????????????
- [Oreka](#) - ?? GPL ????????????????????? IP PBX ?????????? port mirror ????? SIP ?????????????????
<http://www.orecx.com/web/index.php?>
- [FLEXISPY](#) - ???
- [VOIPmonitor](#) - ??? VoIP ??????????
 - ? ??? SIP server/SBC/IP-PBX ? RTP ? SIP ????
 - ? ?????????????? MySQL DB ?
 - ? GUI ????????????????
 - ? ?????????(??)
 - ? ??????????
- [PocketSphinx](#) - ?? Asterisk ???
- [How to setup voicemail transcription with Asterisk using PocketSphinx](#)
- [Virtual-PBX](#) - ?? perl ?? AGI ????
- ?????????????? - ?? Asterisk ???
??
 - ? ??????
 - ? ??????
- ???????
 - ? [SIPp](#) - ??? SIP ??????????????????????

- ? [WinSIP](#) - ?? SIP ??????????Windows ??????????????
- ??????(???)
 - ? <http://www.westany.com/>??? Asterisk?
- Asterisk 1.8 ? 5 ???????? - ??? LDAP ???GoogleVoice ? GoogleTalk?????????? XMPP ???????????
 - PITCH_SHIFT() ??????????????
- ? LDAP ???
 - ? [voip-info] <http://www.voip-info.org/wiki/view/LDAP>
 - ? [voip-info] <http://www.voip-info.org/wiki/view/Asterisk+LDAP>
 - ? [LDAP Integration: Chapter 18. External Services](#)
 - ? [Asterisk's external configuration \(LDAP\)](#)
- [??????](#) - ??? Asterisk ?????????????????????? Asterisk ? SIP Server?????????????? App?