

Alta3 Research  
Asterisk v1.6 Commands  
(as tested on Ubuntu 10.04)  
2011-10-02

Note: It is assumed that users have administrative privileges when working from the command line. If you do not, these commands will need to be issued with the **sudo** command. It is NOT necessary to use the **sudo** command when working from the Asterisk Command Line Interface (CLI).

From the command line- a user can begin Asterisk (v1.6), and access the Asterisk CLI by typing:

**asterisk -c**

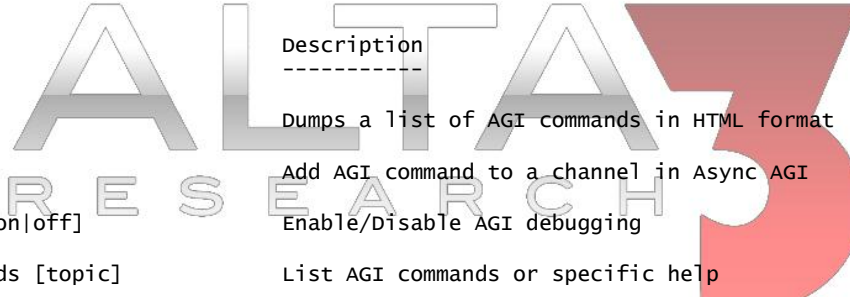
If Asterisk is already running, a user with administrative privileges can reach the Asterisk CLI by typing:

**asterisk -r**

To run Asterisk with maximum verbosity (useful for testing, as well as seeing when phones register), start asterisk by including up to five 'v' switches. Examples:

**asterisk -vvvvvr** (allows user to enter the Asterisk CLI on maximum verbosity)  
or  
**sudo asterisk -vvvvc** (starts Asterisk on verbosity level 4)

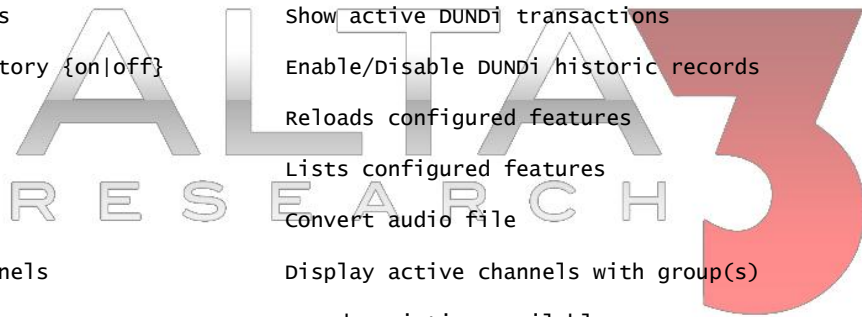
From the Asterisk CLI, you can type **help** to get a list of commands that may be issued to Asterisk. A complete listing of these commands are as follows:



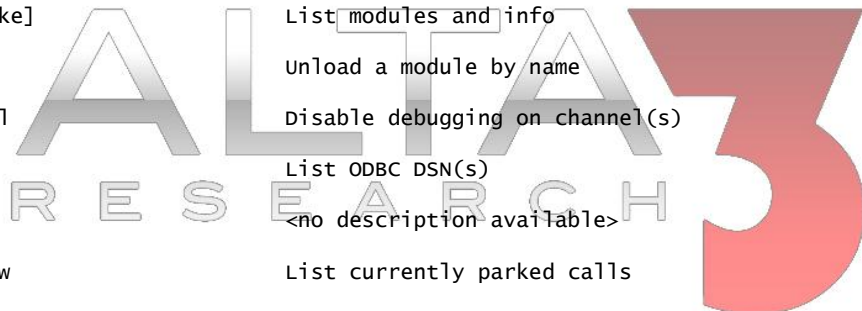
CLI Command -----	Description -----
agi dump html	Dumps a list of AGI commands in HTML format
agi exec	Add AGI command to a channel in Async AGI
agi set debug [on off]	Enable/Disable AGI debugging
agi show commands [topic]	List AGI commands or specific help
cdr show status	Display the CDR status
channel request hangup	Request a hangup on a given channel
cli check permissions	Try a permissions config for a user
cli reload permissions	Reload CLI permissions config
cli show aliases	Show CLI command aliases
cli show permissions	Show CLI permissions
config list	Show all files that have loaded a configuration file
config reload	Force a reload on modules using a particular configuration file
core ping taskprocessor	Ping a named task processor
core set debug channel	Enable/disable debugging on a channel
core set {debug verbose}	Set level of debug/verbose chattiness
core show applications [like d]	Shows registered dialplan applications
core show application	Describe a specific dialplan application

core show calls [uptime]	Display information on calls
core show channels [concise ve]	Display information on channels
core show channel	Display information on a specific channel
core show channeltypes	List available channel types
core show channeltype	Give more details on that channel type
core show codecs [audio video]	Displays a list of codecs
core show codec	Shows a specific codec
core show config mappings	Display config mappings (file names to config engines)
core show file formats	Displays file formats
core show functions [like]	Shows registered dialplan functions
core show function	Describe a specific dialplan function
core show help	Display help list, or specific help on a command
core show hints	Show dialplan hints
core show hint	Show dialplan hint
core show image formats	Displays image formats
core show switches	Show alternative switches
core show taskprocessors	List instantiated task processors and statistics
core show uptime [seconds]	Show uptime information
database del	Removes database key/value
database deltree	Removes database keytree/values
database get	Gets database value
database put	Adds/updates database value
database show	Shows database contents
database showkey	Shows database contents
devstate change	Change a custom device state
devstate list	List currently known custom device states
dialplan debug	Show fast extension pattern matching data structures
dialplan set chanvar	Set a channel variable
dialplan set extenpatternmatch	Use the Old extension pattern matching algorithm.
dialplan set extenpatternmatch	Use the New extension pattern matching algorithm.
dialplan set global	Set global dialplan variable
dialplan show chanvar	Show channel variables
dialplan show globals	Show global dialplan variables
dialplan show	Show dialplan

dnsmgr refresh	Performs an immediate refresh
dnsmgr reload	Reloads the DNS manager configuration
dnsmgr status	Display the DNS manager status
dundi flush [stats]	Flush DUNDi cache
dundi lookup	Lookup a number in DUNDi
dundi precache	Precache a number in DUNDi
dundi query	Query a DUNDi EID
dundi set debug {on off}	Enable/Disable DUNDi debugging
dundi show entityid	Display Global Entity ID
dundi show mappings	Show DUNDi mappings
dundi show peers [registered i	Show defined DUNDi peers
dundi show peer	Show info on a specific DUNDi peer
dundi show precache	Show DUNDi precache
dundi show requests	Show DUNDi requests
dundi show trans	Show active DUNDi transactions
dundi store history {on off}	Enable/Disable DUNDi historic records
features reload	Reloads configured features
features show	Lists configured features
file convert	Convert audio file
group show channels	Display active channels with group(s)
hangup request	<no description available>
help	Displays this list of commands
http show status	Display HTTP server status
indication add	Add the given indication to the country
indication remove	Remove the given indication from the country
indication show	Display a list of all countries/indications
jabber reload	Reload Jabber configuration
jabber set debug {on off}	Enable/Disable Jabber debug
jabber show buddies	Show buddy lists of our clients
jabber show connected	Show state of clients and components
jabber test	Shows roster, but is generally used for mog's debugging.
keys init	Initialize RSA key passcodes
keys show	Displays RSA key information
logger mute	Toggle logging output to a console



logger reload	Reopens the log files
logger rotate	Rotates and reopens the log files
logger set level	Enables/Disables a specific logging level for this console
logger show channels	List configured log channels
manager reload	Reload manager configurations
manager set debug [on off]	Show, enable, disable debugging of the manager code
manager show command	Show a manager interface command
manager show commands	List manager interface commands
manager show connected	List connected manager interface users
manager show eventq	List manager interface queued events
manager show users	List configured manager users
manager show user	Display information on a specific manager user
module load	Load a module by name
module reload	Reload configuration
module show [like]	List modules and info
module unload	Unload a module by name
no debug channel	Disable debugging on channel(s)
odbc show	List ODBC DSN(s)
originate	<no description available>
parkedcalls show	List currently parked calls
phoneprov show routes	Show registered phoneprov http routes
pri intense debug span	<no description available>
reload	Reloads all configuration for Asterisk (v1.6)
rtcp set debug {on off ip}	Enable/Disable RTCP debugging
rtcp set stats {on off}	Enable/Disable RTCP stats
rtp set debug {on off ip}	Enable/Disable RTP debugging
say load [new old]	Set or show the say mode
skinny reload	Reload Skinny config
skinny reset	Reset Skinny device(s)
skinny set debug {off on}	Enable/Disable Skinny debugging
skinny show devices	List defined Skinny devices
skinny show device	List Skinny device information
skinny show lines [verbose]	List defined Skinny lines per device
skinny show line	List Skinny line information



skinny show settings	List global Skinny settings
sqlite show status	Show status information about the SQLite 2 driver
sqlite show tables	Cached table information about the SQLite 2 driver
stun set debug {on off}	Enable/Disable STUN debugging
timing test	Run a timing test
udptl set debug {on off ip}	Enable/Disable UDPTL debugging

