**Asterisk AGI**

**Asterisk Gateway Interface (AGI)**

The Asterisk Gateway Interface, abbreviated as AGI, is an interface for adding functionality to Asterisk with many different programming languages. Perl, PHP, C, Pascal, Bourne Shell - it's your choice, really.

* **AGI** may control the dial plan, called in [extensions.conf](http://www.voip-info.org/wiki/view/Asterisk+config+extensions.conf).
* **Async AGI** Introduced in Asterisk 1.6, allows asynchronous AGI scripting.
* **EAGI** gives the application the possibility to access and control the sound channel in addition to interaction with the dial plan.
* **FastAGI** can be used to do the processing on a remote machine via a network connection.
* **DeadAGI** gives access to a dead channel, after hangup. Deprecated since Asterisk 1.6

**Applications**

* [AGI, DeadAGI, and EAGI](http://www.voip-info.org/wiki/view/Asterisk+cmd+AGI): Applications to use in extensions.conf
* [FastAGI](http://www.voip-info.org/wiki/view/Asterisk+FastAGI): Allows running of AGI applications on a remote machine (improves performance for Asterisk)

**Dialing out**

If the AGI application dials outward by executing Dial, the script will suspend contact with the Asterisk server until the Dial exits. If you'd like to have additional control after the Dial completes, be sure to pass the 'g' option to the Dial application.  
  
If you want your application to initiate a call out without being started through the dialplan:

* [**Asterisk auto-dial out**](http://www.voip-info.org/wiki/view/Asterisk+auto-dial+out) Move (not copy) a file into an Asterisk spool directory and a call will be placed
* [**Asterisk Manager API**](http://www.voip-info.org/wiki/view/Asterisk+manager+API) Use the *Originate* command. [Asterisk Manager API Action Originate](http://www.voip-info.org/wiki/view/Asterisk+Manager+API+Action+Originate)