GNUe Tools: **Bayonne**

Bayonne is the freely licensed multi-line voice response telephony server of the GNU project and a component of GNU Enterprise. Bayonne has traditionally provided the ability to easily create scalable telephony applications and original services that can be directly integrated with traditional scripting languages and tools commonly found on free software platforms such as GNU/Linux. Bayonne offers a wide degree of telephony hardware support and a modular architecture thru the use of plugins.

Bayonne already offers a fully distributed application server for use today with multi-line telephony cards from many vendors under free operating systems.

To speed development and simplify deployment of custom applications, Bayonne offers it's own native script interpreter which may be directly extended thru modular DSO plugins and TGI based applications. TGI, "Telephony Gateway Interface", allows Bayonne to be easily integrated with other system resources, such as web servers, databases, and other application servers using standard and familiar tools that are well understood such as Perl, TCL, and Python.

Bayonne can be used today most completely under GNU/Linux with an ever wider selection of telephony hardware. Bayonne has also been built under, and can be used with, FreeBSD and the new Voicetronix API. Bayonne is highly portable and will compile under most multi-threaded POSIX operating systems, including Solaris and Unixware. As Bayonne's telephony hardware and next generation media support broadens, support for functional deployment under operating systems beyond GNU/Linux will continue to increase.

Bayone is currently in use in several locations, both commercial and non-profit.

Platforms
GNU/Linux
FreeBSD
Solaris / Various Commercial Unix

Hardware
Dialogic API
D/41x and EPCI cards
MonteCarlo API
Pika Inline GT cards
Daytona cards
Voicetronix API
4 port analog DSP cards
Quicknet and generic /dev/phone
based devices
(Aculab)

http://bayonne.sourceforge.net/