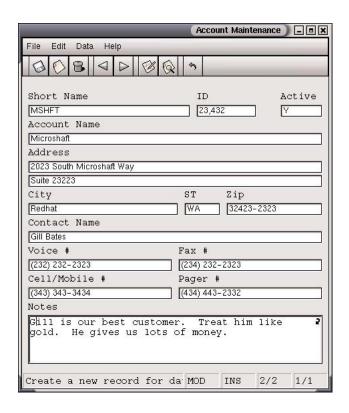# GNUe Tools: **Forms**

GNUe Forms is a data-aware user-interface generator. In more specific terms, Forms, using a clean XML-based definition, can display the same functional user interface in various physical mediums, whether GUI, HTML, console, or via a telephone-response system. Forms is designed from the ground up to describe a functional, database-backed interface, with no emphasis on particular widget sets. A form should be equally usable in a console/text-based environment as it is in a GUI setting.

Like all GNUe tools, Forms runs on most modern platforms and can communicate with the vast majority of modern SQL-compliant database backends. With a modular user interface kit, new interface types can be quickly and easily added. Form's primary user interface is the wxPython (http://www.wxpython.org) toolkit, which allows us to support Windows, GTK, Motif, and Mac OS/X out of the box. Work is also underway on the wx library to support Mac OS 8/9 and OS/2. The GNUe team is also coordinating native KDE/QT, web-based HTML, text-only curses, and telephone-based (via Bayonne) user interfaces. Forms includes support for Python-based events or triggers, for real-time validation of user data.

Forms will seemlessly work with Application Server, Navigator, and Reports if they are present. However, as part of GNUe's modular framework, Forms does not require any other GNUe tools to function.

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

Platforms
GNU/Linux
Free/Open/NetBSD
Solaris / Various Commercial Unix
Windows 95/98/NT/2000/XP
Mac OS X
(OS/2)
(Mac OS 8.x/9.x)

Databases
PostgreSQL	Ingres
MySQL	Sybase
Oracle	Firebird
SAP-DB	ODBC
IBM DB/2	(SQL Server)
Interbase	(SQLite)

Interfaces
GTK (Unix-like systems)
Motif (Unix-like systems)
MS Windows GUI
Mac OS X GUI
(Console/curses -- text mode)
(HTML Interface)
(Bayonne Telephone Interface)
(QT/KDE)

http://www.gnuenterprise.org/tools/forms/