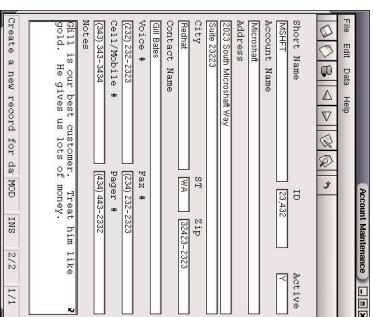# GNUe Forms

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.
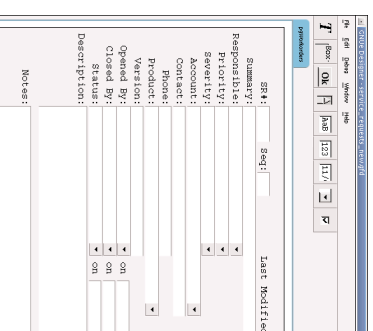
GNUe Reports

GNUe Reports is an enterprise-class reporting tool. With a complex Database-to-XML mapping engine, Reports is designed to work with even the most complicated reporting requirements. GNUe Reports provides both a back-end reporting server and various reporting clients. Reports will soon include support for Python-based events or triggers, for complex, real-time manipulation of data.

Monthly Accounting Foobulation Report

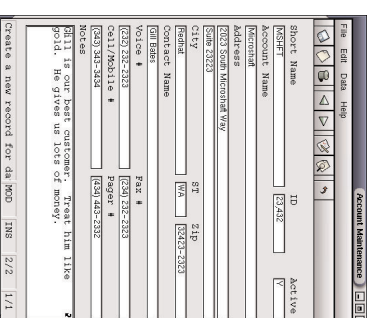| Name	Date	Foobulations
Mandy	2002-03-01	300
	2002-03-02	102
	2002-03-03	1000
	2002-04-04	3501
Total in Mandy		12
Candy	2002-04-03	33
	2002-04-07	43
	2002-03-03	63
Total in Candy		12
Sandy	2002-04-01	201
		17
Total for Sandy		36
Grand Total		

GNUe Designer

GNUe Designer is the graphical IDE (integrated development environment) for GNU Enterprise. Designer can be used to visually create forms, reports, database schemas, navigator menu structures, and, soon, application server interface definitions. Designer includes an integrated code editor (via Scintilla), visual layout editors, database introspection tools, and a complete scriptable architecture with a variety of included wizards.

GNUe Navigator

GNUe Navigator is a menuing system for GNUe Forms and Reports. It presents a consistent menuing interface (in GUI, HTML, text, or telephone) based on an XML "process definition." GNUe Navigator uses the GNUe Forms or Reports tools to actually run the requested form or report.

GNUe Application Server

GNUe Application Server is a data and business rules server. It provides an object-oriented backend to forms and reports. In an n-tier environment, Application Server holds all business rules/logic and provides object-to-relational access to various database backends.

GNUe 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.

GNUe DCL

Double Choco Latte is a package that provides basic project management capabilities, time tracking on tasks, call tracking, email notifications, online documents, statistical reports, a report engine, and more features are either working or being developed/planned. It is licensed under the GPL (GNU Public License), which means it is free to study, distribute, modify, and use.

GNU Enterprise

GNU Enterprise (GNUe) is a suite of tools and applications for solving the needs of the enterprise. From human resources, accounting, customer relationship management and project management to supply chain or e-commerce, GNUe can handle the needs of any business, large or small. If you are looking for a full-function ERP, GNUe is the package for you.

Beyond applications, GNUe is a development framework that enables enterprise information technology professionals to customize applications for their businesses. The GNUe platform boasts an open architecture and easy maintenance. It gives users a modular system and freedom from being stuck with a single-source vendor. Plus, users get consistency and the ability to tap into a network of best practices from other enterprises, saving valuable development time.

Supported Technologies

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

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

Protocols
CORBA
XML-RPC
SOAP
Unix Sockets
(Pyro)
(OpenOffice UNO)
(MS DCOM)

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

GNUe The Community

GNUe is a Free Software project with a corps of volunteer developers around the world working on GNUe projects. This provides the added benefits of easy internationalization of applications. The project is working to provide a worldwide GNUe community, allowing everyone who is involved in the project access to other talented business information technology professionals.

GNUe Applications

At its highest level, GNUe is a set of extensible packages for Enterprise-level **accounting, supply chain, project management**, and other business processes. All packages are built upon a common architecture to facilitate interoperability, yet are also written to operate independently of each other. This combination of interoperability and independence allow you to basically "take what you need". You decide which packages suite your needs best and install only those.

GNUe Tools

To accomplish the above, GNUe is also developing a set of high-level tools for interfacing with and reporting enterprise data. Our toolbox includes an **Application Server** for defining common business rules, a **Forms** package for interfacing users with data and business rules, and a **Reports** package for generating useful information from enterprise data. GNUe also works with the award-winning **Bayonne**, a telecommunications application server designed to be a free, scalable, and media independent telephony environment.