

GDL/GWL Product Overview

At A Glance

- **Software development environment for complex problem sets, specializing in:**
 - **Enterprise Resource Management (ERM)**
 - **Customer Relations Management (CRM)**
 - **Knowledge-based Engineering (KBE)**
- **Integral server/client infrastructure**
 - **Enables world wide operation**
 - **Lowers operating/maintenance costs**
 - **Platform independent**
- **Dynamic Object system includes dependency-tracking, caching and demand-driven evaluation**
 - **Shortens development cycle**
 - **Improves performance**
- **Web-based user interface enables one to operate applications in favorite and familiar web browser.**

What GDL/GWL Is

GDL (General-purpose Declarative Language) is a knowledge-based computer language and development environment, created and supported by Genworks International. Designed to speed and simplify the creation of complex software applications, GDL is a superset of ANSI Common Lisp. Therefore, it is supported across a wide range of computer platforms and has a long, successful history in rapid application development. It provides a complete knowledge-base **dynamic object system** which includes features such as **caching, dependency-tracking and demand-driven** evaluation. It also provides an interactive visual design environment. This environment aids in object-management, debugging, testing and integrating the work from multi-developers.

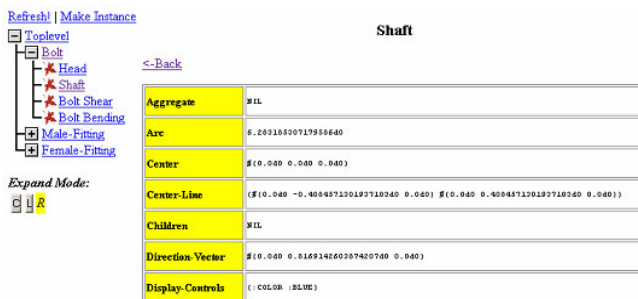


Figure 1: Visual Debugging Environment

GWL (Generative Web Language) is a companion product that brings GDL to its users through an integrated web-based user interface. GWL allows for rapid web development and deployment of GDL applications. GWL automates the client/server interface required to develop interactive and responsive web pages and eases the user interface development effort.

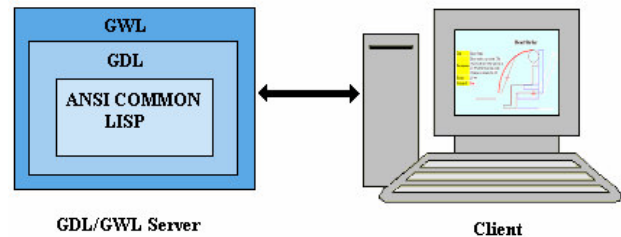


Figure 2: GDL/GWL Structure

What GDL/GWL Is Used For

GDL/GWL is an ideal design environment for software applications that require interactive operation over the internet to solve complex problems.

Business Services

Applications In Use

- E-commerce web sites
- Corporate daily planner
- E-mail server

Other implementations are only limited by the imagination.

Applications Under Development

- Sales configurator
- Customer relations management
- Business process organizer
- Financial tracking

Technical Applications

GDL/GWL is perfect for developing applications that must navigate through complex multiple design decision gates and/or integrate with current legacy systems. This capability makes it an ideal tool for engineering and architectural design problems such as:

- Component design
- System layout
- Trade studies
- Inter-discipline cooperation

Advantages of GDL/GWL

GDL/GWL was purposely developed to shorten the software creation cycle, enable complex application development, and to facilitate worldwide deployment.

GDL/GWL achieves these lofty goals by providing the developer with tools such as:

- Automating the overhead of tracking effects from user input
- Optimizing performance by providing demand driven calculations and value caching
- Minimizing user interface creation by automating the links between web page input and software core
- Providing a graphical toolbox for displaying geometrical results
- Providing a visual interface for object organization, development and debugging.
- Operating as a server/client system
- Allowing full and simplified access to ANSI Common Lisp, a proven language for intelligent and complex software development.

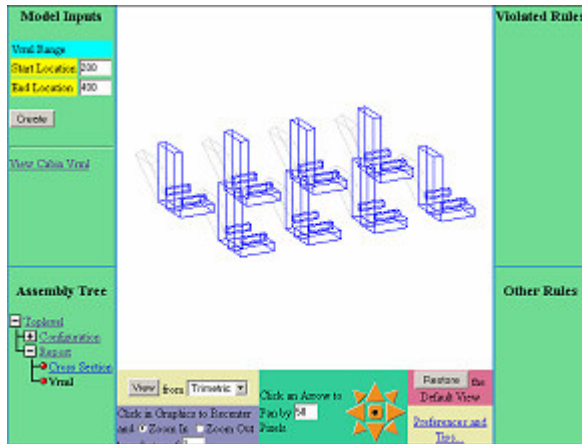


Figure 3: Technical Graphic User Interface

Who GDL/GWL Is For

GDL/GWL is designed for software developers who need to create and deploy interactive intelligent applications for the desktop or served over the internet. It holds the capability to meet the needs of Fortune 500 level companies, but is priced where a solo-proprietor can capitalize on its use.

Try GDL/GWL Yourself

You do not have to just take our word for it. Thanks to the web distribution capabilities of GDL/GWL you can experience it first hand. We at Liberating Insight have posted an aircraft cabin configuration demo at:

www.genworks.com/cabin

Try it yourself. Then let us show you how to take full advantage of GDL/GWL's unique capabilities.

Role of Liberating Insight

Liberating Insight has positioned itself to offer a range of services based on the flexibility of the GDL/GWL tool. We provide three levels of service and support.

First, commission Liberating Insight to develop an end-user application specifically customized to meet your needs. By using GDL/GWL we are able to deliver intelligent applications that will improve your business productivity at a price that you cannot afford to pass up. In addition, we can privately host the application on our secure web servers, eliminating your software administration overhead.

Second, have Liberating Insight co-develop the application with your design team. Our consultants have extensive experience in implementing Knowledge-based applications. We can assist you in developing "Best of Class" software solutions and at the same time train your personnel to take full advantage of GDL/GWL's capabilities.

Third, if you already have in-house expertise, we provide support and training courses in implementing the GDL/GWL system. From beginners to advanced users, we can help them optimize their productivity.