

Developing Applications for the Genero Web Client

The Genero[®] Web Client (GWC) enables developers to deliver applications written in Genero[®] BDL over the internet to a Web browser.

In this course, you learn how to install, configure, and use the Genero Web Client and Genero[®] Application Server (GAS) to deliver Genero applications via a Web browser over the internet. You will also learn how to customize your application to take advantage of Web technologies and understand the limitations of applications delivered in a web-based environment.

Audience

- UI Designers / Web developers
- System administrators / deployment team
- Application developers

Prerequisites

- Have completed the *Genero Language Basics* and *Genero Interface Programming* training courses or have the equivalent Genero programming experience.

Duration

- Lecture is provided over three sessions (approximately 6 hours total)
- Labs (and lab assistance) to be completed outside of lecture sessions

Course Outline

Module 1 – An Overview of the Genero Web Client

- List the advantages of using the GWC to deliver applications
- Identify the software components required for a GWC solution
- Identify the desired components for development and production environments
- Discuss the Web technologies used by the GWC

Module 2 – Installation and Basic Configuration

- Install the Genero Application Server (GAS)
- Configure the GAS
- Start the GAS
- Create an external application configuration file
- View an application in a browser
- Configure and access the GAS log file to aid in troubleshooting

Module 3 – Customizing your GWC Application

- Identify the methods for providing Web-client specific customization
- Customize with Genero Presentation Styles
- Customize with Cascading Style Sheets
- Customize the templates and snippet files that specify how the UI is rendered in xHTML
- Customize with JavaScript
- Select the best customization option to meet your goals

Module 4 – Application Configuration for Defaults and Performance Issues

- Define resources
- Define reusable application components for inheritance
 - Execution environments
 - Timeouts
 - Picture / image aliases
 - Rendering engine
 - Themes
- Specify connection information for the GAS Connector and DVM servers
- Add and configure abstract applications

Module 5 – Integrating the Web Server

- Install the Web Server component for the GAS
- Configure the GAS Connector
- Configure the INTERFACE_TO_CONNECTOR section of the GAS configuration file
- Relocate files to the Web Server host

Module 6 – GWC Additional Topics

- Understand file transfer and the GWC
- Understand authentication and the GWC
- Understand internationalization and the GWC