

# FreeStyler™

Visualize your data

## Overview

FreeStyler™ is the open-standards solution for the web-based mapping and display of GML data and WMS layers. FreeStyler provides the full functionality of a Web Mapping Service (WMS) with a thin client Map Viewer accessed using a browser. FreeStyler further provides the capability of styling and displaying GML data pulled directly from WFS. These components provide all the needed functionality for designing interactive maps, managing symbols and map styles, and creating maps based on Scalable Vector Graphics (SVG) or images.

### Features

- Fast generation of SVG or image-based maps from GML data from any OGC-compliant WFS, including Galdos' Cartalina
- Standards-based web mapping implementation of the OGC Web Map Services (WMS), Styled Layer Descriptor, GML, W3C XSLT and SVG
- Functions as a WFS client
- XSLT Style Sheets for SVG map display
- Access to Galdos INdicio WRS to manage map styles and symbol libraries

### Benefits

- Users are able to access and display WFS-derived data such as real time sensor data
- Users can use FreeStyler to dynamically combine WFS, WMS and satellite images into a single view of the data
- Users are able to work with many different sources of data including WFS and WMS to dynamically create a single map
- Users are able to create different custom views of the WFS generated data and incorporate these styles into the display
- Users are able to access and apply previously created styles



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## System Requirements

### Operating systems:

- Windows 2003
- Windows XP
- Linux RHE4
- Solaris 10

### Web Servers

- Tomcat 5.5
- JBoss 4.0.5

### Java

- JDK 5.0

## Supported Standards

FreeStyler is able to visualize WFS data for all GML 3.1.1 application schemas, including these:

- S57
- AML
- DAFIF
- DVOF
- VMap 0, 1 and 2
- IAXS
- BART
- DNC
- ENC
- MGCP
- NGA Gazetteer
- UVMaP

### OGC Specifications

- WFS 1.0 compliant
- WMS 1.1.1
- OGC™ Filter operators
- SLD
- Supports OGC Filter Encoding

### Oasis Specifications

- SAML 2.0

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#### About Galdos:

Galdos Systems Inc. is a privately held software and service technology company founded in 1998. Known for innovation and sustainable market-changing technologies (e.g. Geography Mark-up Language, GeoWeb Services) Galdos Systems provides geospatial infrastructure software and services to a global customer base that extends across business, industry and government sectors. Galdos' software and services emphasize our expertise with data and technical architectures, GML application schema creation, and ontology creation and rationalization. Galdos has a proven history in growing projects from an initial proof of concept stage through to operationally deployed systems. For more information, visit [www.galdosinc.com](http://www.galdosinc.com)



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