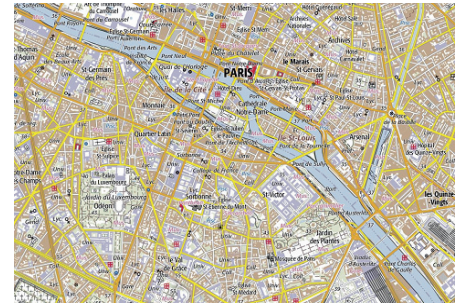
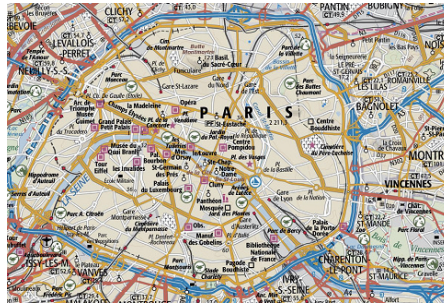


GeoServer is an open source server for sharing your geospatial data. GeoServer publishes from any major spatial data source using Open Geospatial Consortium (OGC) standards.



Easy to Install, Ready to Use

GeoServer is ready to use with standalone installers for Mac and Windows, a ready-to-run Linux bundle, and a WAR for enterprise use.

GeoServer provides a web administration program with screens to configure data access, layer publication, and styling. Administrators are offered a full range of integration and security options.

GeoServer is ready to work with your organization providing:

- ▶ Strong format support to work with your data
- ▶ Database support including PostGIS, DB2, SQL Server, and extensions for the latest cloud databases
- ▶ Ability to cascade map, feature, and tile web services
- ▶ JNDI integration for database access
- ▶ Fine-grained access control of services and per layer permissions
- ▶ Robust security with built-in integration for LDAP, CAS and Active Directory, with Security API for more.
- ▶ REST API for automating GeoServer deployment.
- ▶ Extensions for additional format and services

Create Beautiful Maps

Bring your cartography to the world with GeoServer Web Map Service (WMS). GeoServer rendering features:

- ▶ Fast feature rendering enabling you to work with all your data
- ▶ Visualize raster data with band selection and normalization, fine tuned color maps, and time based animations
- ▶ Powerful label composition with dynamic collision avoidance
- ▶ Styling configured using industry standard OGC Style Layer Descriptor files, or your choice of CSS, JSON or YAML.
- ▶ Go beyond the standard with powerful rendering transformations that preprocess your data for heat maps and contour lines effects
- ▶ Interlayer special effects with alpha blending and grouping options

Share Features Online

Reach beyond the map with GeoServer Web Feature Service (WFS).

- ▶ Incorporate your data into websites, mobile and applications
- ▶ Our standards support provides interoperability with a wide selection of clients, toolkits and libraries
- ▶ Access your information in standard GML, KML, and JSON formats, or look to our extensions for shapefile, excel, and more.

GeoServer offers WFS-Transactional for online editing, and Web Processing Service (WPS) for online analysis.

Direct Raster Access

Share raster data with full Web Coverage Service (WCS) support.

- ▶ Provide clients with direct access to raster data and imagery
- ▶ Includes time, elevation and n-dimensional raster support.
- ▶ Additional support provided for MetOci and Earth Observation data

We also provide Web Processing Service (WPS) access to raster information allowing you to perform analysis on the server.

Free, Open Source and Supported

GeoServer is free software with all the benefits of an open source license and vibrant community.

- ▶ Free lowers the barrier to entry avoiding costly license agreements
- ▶ Our Open Source GPL License provides a better relationship than proprietary GIS products protecting you from vendor lock-in.
- ▶ A strong online community of users and developers provides peer support from all over the world, balanced with commercial training and support options for your team.

GeoServer is an OSGeo project with transparent communication, plenty of documentation, an open issue tracker and regular releases.

Free your data, free yourself, use GeoServer.

