

Serviços de Dados Geográficos

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FCUL-IIG





GeoServer Instalação





Instalação



Platform Independent Binary Operating system independent runnable binary.

Mac OSX Installer DMG for OSX platforms.

- Executável
- War container
- + Java Runtime Environment (JRE)
- Última versão com Windows installer:
 - http://geoserver.org/release/2.14.3/



Windows Installer Installer for Windows platforms.

Web Archive Web Archive (war) for servlet containers.





- Instalação em Windows
 - Executar o installer (.exe)







| 🚯 GeoServer Setup | 🎸 GeoServer Setup |
|--|---|
| Choose Install Location Choose the folder in which to install GeoServer | Choose Start Menu Folder Choose a Start Menu folder for the GeoServer shortcuts. GeoServer |
| Setup will install GeoServer in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue. | Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder. GeoServer Accessories Administrative Tools Games Startup Maintenance |
| Space required: 117.7MB Space available: 8.8GB Nullsoft Install System v2.46 < <u>B</u> ack <u>N</u> ext > Cancel | Do not create shortcuts Nullsoft Install System v2.46 < <u>Back</u> Next > Cancel |











| 🎸 GeoServer Setup | - • - | 🚸 GeoServer Setup | | | |
|--|---|--|---------------|--|--|
| GeoServer Administrator Set administrator credentials | 🍄 GeoServer | GeoServer Web Server Port Set the port that GeoServer will respond on | 餋 GeoServer | | |
| Set the username and password for administration of GeoServer. | Set the web server port that GeoServer will respond on. | | | | |
| Username admin | | Port 8080 Valid range is 1024-65535. | | | |
| Password geoserver | | | | | |
| | | | | | |
| Nullsoft Testall Sustance v2.44 | | Mullanfk Testall Sustans v2.46 | | | |
| | Next > Cancel | Nullson unstall system v2,40 | Next > Cancel | | |





• Instalação em Windows

| 🎸 GeoServer Setup 💼 📼 | | 🎸 GeoServer Setup | |
|---|--|--|--|
| Type of Installation GeoServer Select the type of installation Image: Comparison of the type of installation | | Ready to Install GeoServer is ready to be installed | GeoServer |
| Select the type of installation for GeoServer. If you are unsure of which option to choose, select the "Run manually" option. | | Please review the settings below the Install button to continue. | and click the Back button if changes need to be made.Click |
| 🔘 Run manually | | Installation directory: | C:\Program Files\GeoServer |
| Installed for the current user. Must be manually started and stopped. | | Installation type: | Installed as a service |
| linetall as a service | | Java Runtime Environment: | C:\Program Files\Java\jre7 |
| Installed for all users. Will run as as a Windows Service for greater security. Requires a 32 bit JRE. | | Data Directory: | Using default data directory: C:\Program Files\GeoServer\data_dir |
| | | Username / Password / Port: | admin / geoserver / 8080 |
| Nullsoft Install System v2.46 | | Nullsoft Install System v2.46 | |
| < <u>B</u> ack <u>N</u> ext > Cancel | | | < Back Install Cancel |

GeoServer Data Directory

É onde serão armazenadas as **configurações** e os **dados** do GeoServer;



Ficam armazenados também os estilos (SLD), FeatureTypes que contêm as configurações das layers, e também as imagens georeferenciadas (ex.: Raster).



| 🎸 GeoServer Setup | | | | | | | | |
|---|--|---|-----------------------|--|---|---|---|---------------|
| Type of Installation Select the type of installation | 餋 GeoServer | | | | | | | |
| Select the type of installation for GeoServer. If you are unsure select the "Run manually" option. | e of which option to choose, | | | | | | | |
| 🔿 Run manually | 🚯 GeoServer 🛛 🗙 🍕 | GeoServer: Welcome | × + | | | | - | o × |
| Installed for the current user. Must be manually started and | (Iocalhost:8080/geoserver/ | web/?1 | | C Q Pesquis | a | ☆ 自 | ∔ กิ | |
| | ConServer | | | | | Logged in as | admin. 🔝 | Logout |
| Install as a service Install of first all users will use as a provide the first firs | Geoserver | Welcome | | | | | | |
| Installed for all users. Will run as as a Windows Service for o Requires a 32 bit JRE. | About & Status Server Status GeoServer Logs Contact Information | Welcome This GeoServer belongs to The Ancient Geographers. Service Capabilities | | | | | | |
| Nullcoft Toctall Suctem v2 46 | Data | 19 Layers | (ھ | Add layers | | WCS 1.0.0 1.1.0 | | - 1 |
| < Back | With Layer Preview Workspaces Stores | 9 Stores 7 Workspaces File | rvices Action View | Help | | | - | |
| | Layers Layer Groups Styles | A The master p () The | vices (Local) | | | | | |
| | Services | 🔺 The administr | | GeoServer 2.10.1 | Name | | Description | Status |
| | (₩ WMTS | highly recomment Mo strong cry recommended | | <u>Stop</u> the service <u>Restart</u> the service | Embedded M Encrypting Fil Enterprise Ap | ode le System (EFS) p Managemen thentication P | The Embed Provides th Enables ent The Extensi | |
| | Settings Global Image Processing | This GeoServer in the administrator | | Description: GeoServer is an open source software server written in Java that allows users to share and edit geospatial data. | Function Disc Function Disc Geolocation S Geolocation S | :overy Provide :overy Resourc Service 0.1 | The FDPHO Publishes th This service GeoServer is | |
| | Raster Access | | | | Group Policy Human Interf | Client face Device Ser ice | The service Activates an Provides an | Running |
| Directo-Geral do Territorio MINISTERIO DO AMBENTE PO DEPENDENTI DO TERRITORIO | Caching Defaults Gridsets Disk Quota | | | | Hyper-V Data | Exchange Ser st Service Inter st Shutdown S | Provides a Provides an Provides a | |
| | ■ A □ 6 📄 | i 🕹 | | Extended / Standard / | | ^ ! | 日 日本15: 日本11/01 | 24 /2017 🖓 |



- Instalação em Windows
 - Extensões
 - 1. Download da extensão.
 - 2. Extrair e copiar para

<GEOSERVER_ROOT>/WEB-INF/lib

C:\Program Files\GeoServer 2.10.1\webapps\geoserver\WEB-INF\lib

3. Restart do GeoServer.

Vector Formats

- App Schema
- ArcSDE
- DB2
- H2MySQL
- Oracle
- Pregeneralized Features
- SQL Server
- Teradata

Output Formats

- Excel
- Image Map
- OGR
- XSLT
 DXF
- JPEG Turbo

Miscellaneous

- Chart Symbolizer
- Control Flow
- Cross Layer Filtering
- CSS Styling
- GeoSearch
- CAS
- Monitor (Core, Hibernate)
- Importer (Core, BDB Backend)
- INSPIRE
- Printing

Coverage Formats

- GDAL
- Image Pyramid
- JPEG2K
- JDBC Image Mosaic

Services

- CSW
- WCS 2.0 EO
- WPS
- WPS Hazelcast

