



Contributing to an OSGeo Project

Seth Girvin, Compass Informatics





- Many ways to contribute
 - All levels, from user to developer
 - Each project has a “How to Contribute” page
-
- QGIS - <https://www.qgis.org/en/site/getinvolved/>
 - GRASS - <https://trac.osgeo.org/grass/wiki/HowToContribute>

Support Channels: Questions and Answers

<https://gis.stackexchange.com>



The screenshot shows the GIS Stack Exchange website. The header features a compass icon, the site name "Geographic Information Systems", and navigation buttons for "Questions", "Tags", and "Users". Below the header, a "Tagged Questions" section is displayed with sorting options: "info", "newest", "frequent", "votes" (which is underlined), "active", and "unanswered". A text box provides information about the Open Source Geospatial Foundation (OSGeo). Below this, a question titled "File Geodatabase (*.gdb) support in QGIS?" is shown with 114 votes and 4 answers. The question text is: "Following questions: Open Source Tool capable of reading Esri File Geodatabase (.gdb)? How to access file geodatabase in Qgis? How to get FGDB support in GDAL 1.9 without compiling? I have spent ..."

Geographic Information Systems

Questions Tags Users

Tagged Questions info newest frequent **votes** active unanswered

The Open Source Geospatial Foundation (<http://www.osgeo.org>), or OSGeo, is a not-for-profit organization whose mission is to support and promote the collaborative development of open geospatial technologies and data.

[learn more...](#) [top users](#) [synonyms](#)

114 votes

4

File Geodatabase (*.gdb) support in QGIS?

Following questions: Open Source Tool capable of reading Esri File Geodatabase (.gdb)? How to access file geodatabase in Qgis? How to get FGDB support in GDAL 1.9 without compiling? I have spent ...

Mailing Lists

<https://lists.osgeo.org/mailman/listinfo>

Indonesia	OSGeo Indonesia Local Chapter
Industry	Discussions about business around FOSS4G
Inspire-data	INSPIRE-DATA
Ireland	Discussion group for the Ireland OSGeo Local Chapter
iTownsvdev	iTownsv project developers discussion
ITownsvuser	iTownsv project users discussions (https://github.com/iTownsv)
Jackpine	Discuss Jackpine GeoDB Benchmarking
Japan_mapguide	<i>[no description available]</i>
Java-collab	Interproject Java Collaboration
Jobs	FOSS4G Related Jobs and Resumes
Landsat-pds	Landsat Public Dataset Discussion
Las	<i>[no description available]</i>
Liblas-commits	<i>[no description available]</i>
Liblas-devel	Software developers of libLAS
Libro_SIG	Libro SIG OSGeo en Español
librttopo-dev	librttopo development discussion list
linux-packaging	<i>[no description available]</i>
Live-demo	Discussion of FOSS4G Live-DVD
Live-demo-announce	Announcements regarding the FOSS4G Live-DVD
Local-chapters	Communication with, between and about Local Chapters
Madrid	La lista de los geo-inquietos que viven en Madrid
Mapbender_commits	Mapbender Commit
Mapbender_dev	Mapbender Developer List

[mapserver-announce](#)

[mapserver-commits](#)

[mapserver-dev](#)

[MapServer-Inspire](#)

[mapserver-users](#)

Users lists – questions

Dev lists – code related discussion


Nabble – provides searchable archives

[OSGeo.org](#) > [OSGeo Software Projects](#)

OSGeo Software Projects

This category contains the mailing lists for projects are part of the Open Source

[!\[\]\(47734e4656765d20df4fdbd5b7aff048_img.jpg\) New Topic](#) [!\[\]\(effba44ea72cb8c77bdc1dac75561f86_img.jpg\) Topics View](#) [!\[\]\(08cc52f09689b06e3ee5a48cc9fb5c33_img.jpg\) People](#) [!\[\]\(f738747c2b2a497f1616e01908716642_img.jpg\) Options](#) 

Sub-Forums & Topics (38)		Replies
 deegree (3269 topics)		10111
 Feature Data Objects (FDO) (1599 topics)		7069

- Use a third-party service for images e.g. <http://pasteboard.co/>
- Avoid cross-posting messages
- Answer any questions you can

Documentation

- Typos and spelling corrections
- Fix broken links
- Update or add examples
- Write tutorials
- Translations

<http://www.sphinx-doc.org/>



reStructuredText – a plaintext markup syntax

MapServer Overview

MapServer is a popular Open Source project whose purpose is to display dynamic spatial maps over the Internet. Some of its major features include:

- * support for display and querying of hundreds of raster, vector, and database formats
- * ability to run on various operating systems (Windows, Linux, Mac OS X, etc.)
- * support for popular scripting languages and development environments (PHP, Python, Perl, Ruby, Java, .NET)
- * on-the-fly projections
- * high quality rendering
- * fully customizable application output
- * many ready-to-use Open Source application environments

In its most basic form, MapServer is a `:term:`CGI`` program that sits inactive on your Web server. When a request is sent to MapServer, it uses information passed in the request URL and the `:ref:`Mapfile`` to create an image of the requested map. The request may also return images for legends, scale bars, reference maps, and values passed as CGI variables.

.. seealso::

The `:ref:`gloss`` contains an overview of many of the jargon terms in this document.

MapServer Overview

MapServer is a popular Open Source project whose purpose is to display dynamic spatial maps over the Internet. Some of its major features include:

- support for display and querying of hundreds of raster, vector, and database formats
- ability to run on various operating systems (Windows, Linux, Mac OS X, etc.)
- support for popular scripting languages and development environments (PHP, Python, Perl, Ruby, Java, .NET)
- on-the-fly projections
- high quality rendering
- fully customizable application output
- many ready-to-use Open Source application environments

In its most basic form, MapServer is a [CGI](#) program that sits inactive on your Web server. When a request is sent to MapServer, it uses information passed in the request URL and the [Mapfile](#) to create an image of the requested map. The request may also return images for legends, scale bars, reference maps, and values passed as CGI variables.

See also: The [Glossary](#) contains an overview of many of the jargon terms in this document.

Coding

- Code sprints
- Google Summer of Code (GSoC) – OSGeo



How you think Open Source apps
are maintained



How Open Source apps
are really maintained



- C/C++
- Python
- JavaScript

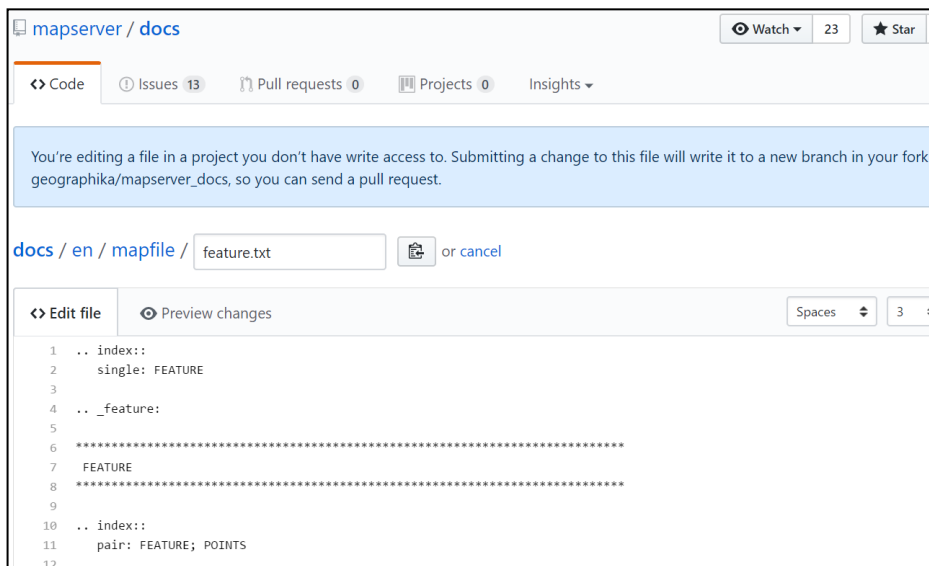
GitHub



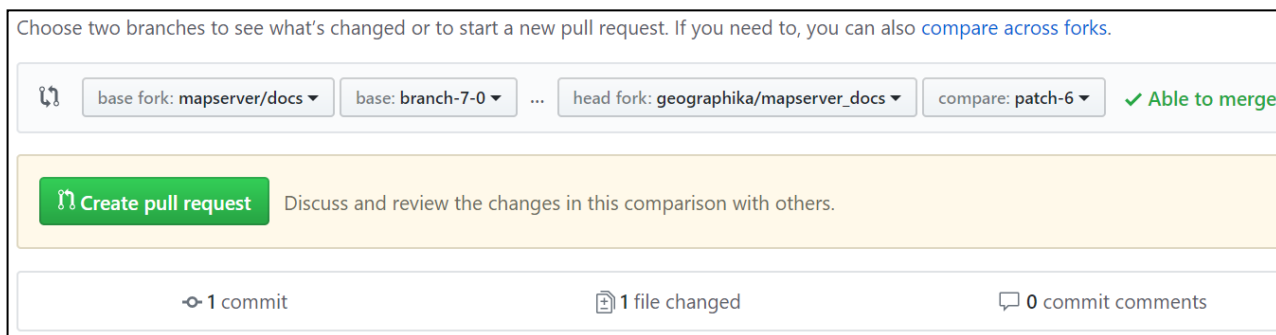
- Add bug reports (issues)
- Explore code
- Submit code



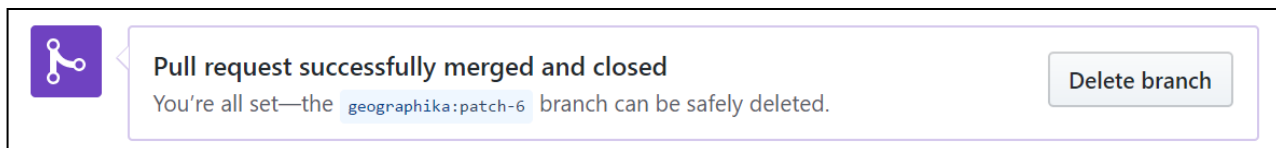
Fork and Edit



Create Pull Request



Merge



Thanks!

Questions?

sgirvin@compass.ie

<https://lists.osgeo.org/mailman/listinfo/ireland>

