

## Installing the Moodle GeoGebra Filter

GeoGebra is an open source dynamic mathematics application created by Markus Hohenwarter. See [www.geogebra.org](http://www.geogebra.org).

The GeoGebra filter allows users to easily include useable GeoGebra files in Moodle Web pages, blog entries, quizzes, and discussion forum posts. It is a revision by S. Arjona Téllez and F. Sonner of the original filter files by Jochen Maeusle (see: <http://moodle.org/mod/data/view.php?d=13&rid=585&filter=1>).


Copyright (C) 2009 Sara Arjona, Florian Sonner

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

### Basic Installation

Installing the filter files must be done by Moodle Administrator, since you need to add a file to the Moodle server's filter folder.

1. Double-click the moodleGeoGebraFilter.zip file.
2. Upload the complete folder "geogebra" into the filter folder, for example  
moodle19>filter
3. Turn on the Geogebra filter by going to Site Administration>Modules>Filters>Manage Filters and enabling (  ) Geogebra.
4. Click on Settings to change the default settings and values.

\*\*\*Your filter should now work. If you have difficulty using the URL link "from this webserver," check to make sure you are using the latest .jar files from [www.geogebra.org](http://www.geogebra.org) (see below also).

## Update the GeoGebra Filter .jar Files

If you select to use .jar files from your webserver, these files may need to be updated periodically to keep up with new versions of GeoGebra as they are released, or if your files are lost or corrupted.

1. Open the geogebra folder in your moodle filter folder (on your server) and delete the following files:

geogebra.jar  
geogebra\_properties.jar  
geogebra\_cas.jar (if present)  
geogebra\_export.jar (if present)  
geogebra\_gui.jar (if present)  
geogebra\_main.jar (if present)

2. Download new versions of these files.

*For GeoGebra version 3.2 go to:*

<http://www.geogebra.org/webstart/3.2/geogebra.jar>

[http://www.geogebra.org/webstart/3.2/geogebra\\_properties.jar](http://www.geogebra.org/webstart/3.2/geogebra_properties.jar)

[http://www.geogebra.org/webstart/3.2/geogebra\\_cas.jar](http://www.geogebra.org/webstart/3.2/geogebra_cas.jar)

[http://www.geogebra.org/webstart/3.2/geogebra\\_export.jar](http://www.geogebra.org/webstart/3.2/geogebra_export.jar)

[http://www.geogebra.org/webstart/3.2/geogebra\\_gui.jar](http://www.geogebra.org/webstart/3.2/geogebra_gui.jar)

[http://www.geogebra.org/webstart/3.2/geogebra\\_main.jar](http://www.geogebra.org/webstart/3.2/geogebra_main.jar)

*For GeoGebra version 3.0 go to:*

<http://www.geogebra.org/webstart/3.0/geogebra.jar>

[http://www.geogebra.org/webstart/3.0/geogebra\\_properties.jar](http://www.geogebra.org/webstart/3.0/geogebra_properties.jar)

2. Drag the new files to the geogebra folder (where you deleted the old files in step 2).