

Geoteric Installation Guide

Windows Installation

After downloading the Windows exe, double click on it to begin the installation wizard.



Click next and you will get the license Agreement. Read and click "I Agree" to begin the installation.

Once the installation is complete click on the "Finish" button to close the installation wizard and to launch Geoteric.





Linux RPM Installation

After downloading the Geoteric RPM Installer Package, double click on the RPM installer and click "Install" button to begin the installation

=	Do you want to install thi	s file?		×
?	Do you want to install this fi /home/ffauser/Desktop/geoteric-2016 rhel6(1).rpm	l e? .2-30th-sept	ember-502-	
Hel	p	Close	Install]

If you are not logged in as Root then you will be prompted to enter the Root account password to install Geoteric



٩	Authenticate
0	Authentication is required to remove packages
2	An application is attempting to perform an action that requires privileges. Authentication as the super user is required to perform this action.
	Password for root:
þ Deta	ils
	Cancel

The installing packages dialog box will be displayed and will disappear when the Geoteric installation is complete.

=	Installing packages		×
	Installing packages		
Help		ancel	Close

Linux TAR Installation

After downloading the tar installer, double click on the .tar file to open in the Archive Manager.

geoteric-2016	.2-30th-septen	ber-502.tar.gz	· >
File Edit View Help			
🍳 🔚 Open 🐱 🚭 Extrac	:t 🔹 🐴	0	
🐗 Back 🌩 🛧 🖀 Loca	ation: 📋 /		
Name	✓ Size	Туре	Date Modified
geoteric	1.9 GB	Folder	
1 object (1.9 GB)			

Click on the "Extract" button and select the location to extract the Geoteric folder too.

Extracting files from archive				
Extract	ting files fi	rom archive		
Archive:	geoteric-201	6.2-30th-september-50	2.tar.gz	
Extractio	n completed s	successfully		
	Quit	Show the Files	Close	

Click on "Show the Files" button.

Open the Geoteric folder from the location it was extracted to and then right click in that folder and select the "Open in terminal" option.



To start Geoteric type the following command into the terminal: ./Geoteric

Geoteric Configuration

The first time (Geoteric is started you will see a configuration screen.				
œ	GeoTeric Setup ×				
	This appears to be the first time you have used GeoTeric.				
	You will now be guided through a short setup wizard in order to configure the application.				
	The options that you set within this wizard may be changed later by accessing Options in the Tools menu.				
\sim					
<u> </u>					
тегіс					
	lo continue, click Next.				
	Help < Back Next > Cancel				

Please select the Next button to continue through the configuration.

You must select a temporary working directory, by default Geoteric specifies C:\tmp

œ	GeoTeric Setup X					
	In order for the application to function correctly, a directory must be specified in which to store temporary data files.					
	You must ensure that you have write access to this directory.					
	Temp Directory: //tmp Browse					
œ						
Teric						
Terre						
	To continue, click Next.					
	Help < Back Next > Cancel					

This can be changed to any other local or network location as long as the user has the correct access permissions for the location. Please select the Next button to continue the configuration.

The Geoteric configuration is now complete and this will be confirmed onscreen (Fig.4) Please select the Next button to end the configuration.

œ	GeoTeric Setup x
	The application is now configured and ready for use.
Teric	
	To continue, click Finish.
	Help < Back Finish Cancel

Geoteric is now configured for use. If you need to change any of the settings they can be accessed from within Geoteric. Start Geoteric and open any project, then select the tools menu at the top of the screen and from that menu select options. The options dialog will be displayed.



œ			Options				×
< Pa	ths Processing	Accelerated Computing	Scaling	Rendering	Volume Interpolation	Contents	>
Paths	L L						
Temp	Directory : //tmp		Browse.				
н	lelp				Cancel	ОК	

The options screens are displayed in tabs use the black arrows in the corners to move to other tabs. The options that are available to edit are:

Paths: Temp file paths.

Processing: There is nothing to change on this tab.

Accelerated Computing: Shows available graphics cards and set CUDA on or off.

Scaling: There is nothing to change on this tab.

Rendering: Can change Performance vs. quality options and horizon detailing.

Volume Interpolation: Interpolation options for volume imaging.

Contents: To change display font and background colour.

Advanced: Allows you to change the processing and rending memory.

Advanced Rendering: To show tile outlines.



Troubleshooting

Permissions – For the Linux installation you will need root permission. Please ensure that you can login as root and also that you have full read, write and rewrite permission to the location you are installing Geoteric to and also the location you have set the Temp location to be.

Disk Space – Please ensure that you have sufficient available disk space in the location you are installing Geoteric and also in the Temp location you have set.

Antivirus – If you are running Antivirus it is important that it does not interfere with the installation process. If possible, please disable the Antivirus safely prior to beginning the installation. On completion of the install you may also need to add an exception into the Antivirus that would allow any process to run from within the Geoteric installation folder located at C:\Program Files\Geoteric\

Active Scanning Software – If you have any software (Intrusion Prevention Software) that actively scans for processes that start up or scans traffic across the network then these will also need to be configured to whitelist processes that are started and run from the Geoteric installation folder.

Links – All the latest links that are certified for that release are distributed with the installation. After installing Geoteric they can be found in C:\Program Files\Geoteric\Geoteric 201X.X\ folder. It is recommended that any existing links are uninstalled and the new link installed as part of the installation process. Installation guides for links can be found at http://www.Geoteric.com/supportguide

Windows Server – Although windows server is not officially supported it is possible to run Geoteric on that Operating System providing the Windows "Desktop Experience" is installed. If you see an error message to say "MFReadWrite.dll was missing" you are missing the media files required to run Geoteric. To install the desktop experience if you go to Add Remove programs > Add Remove Windows Components and tick to install the "Desktop Experience." The desktop experience includes all the windows media dll files. Please be aware that a restart is required after installing the desktop experience.