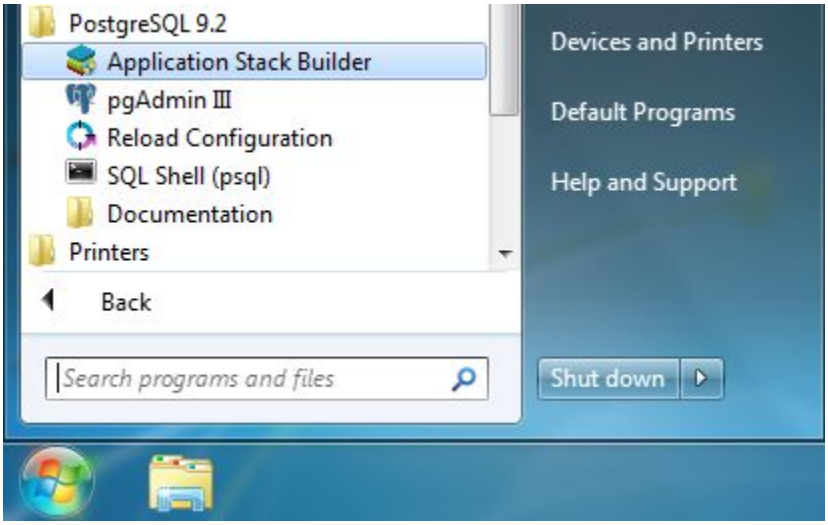
PostGIS installation

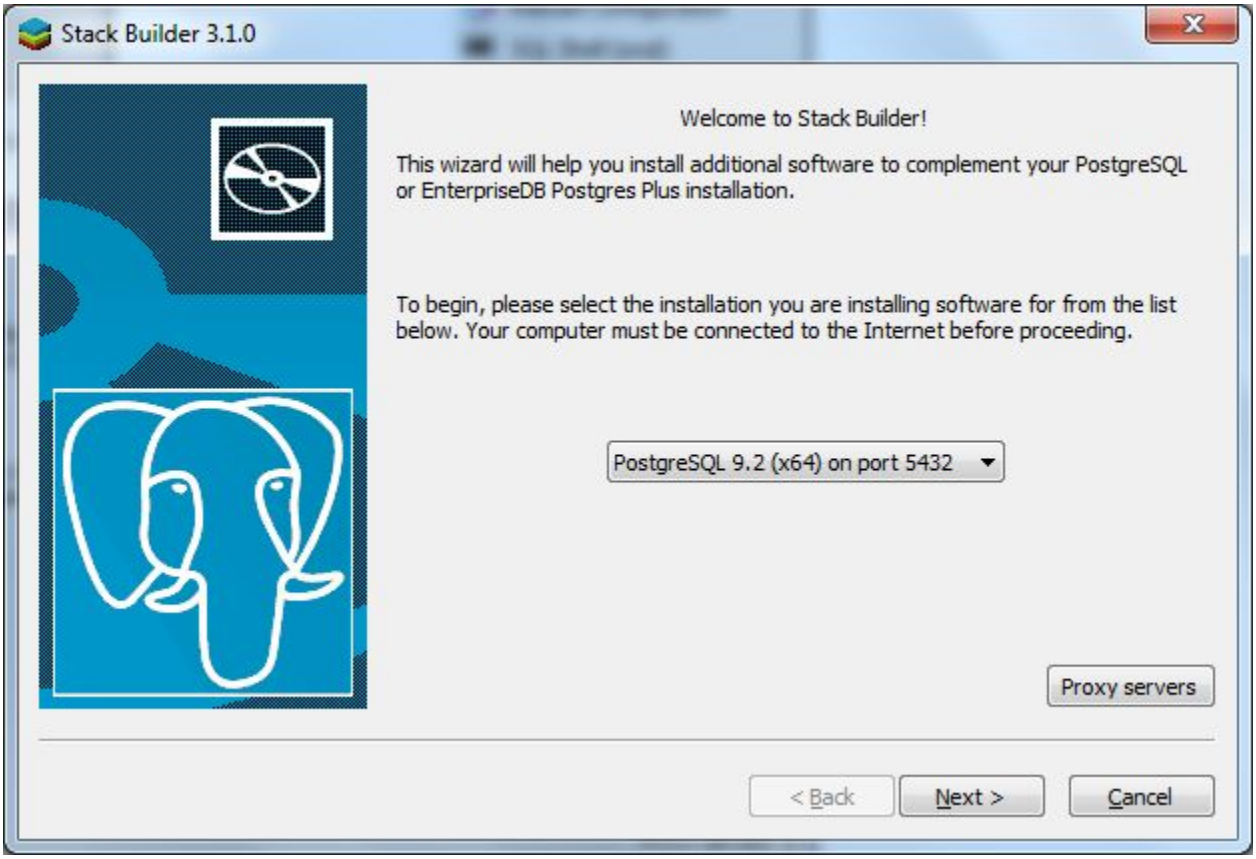
PostGIS installation

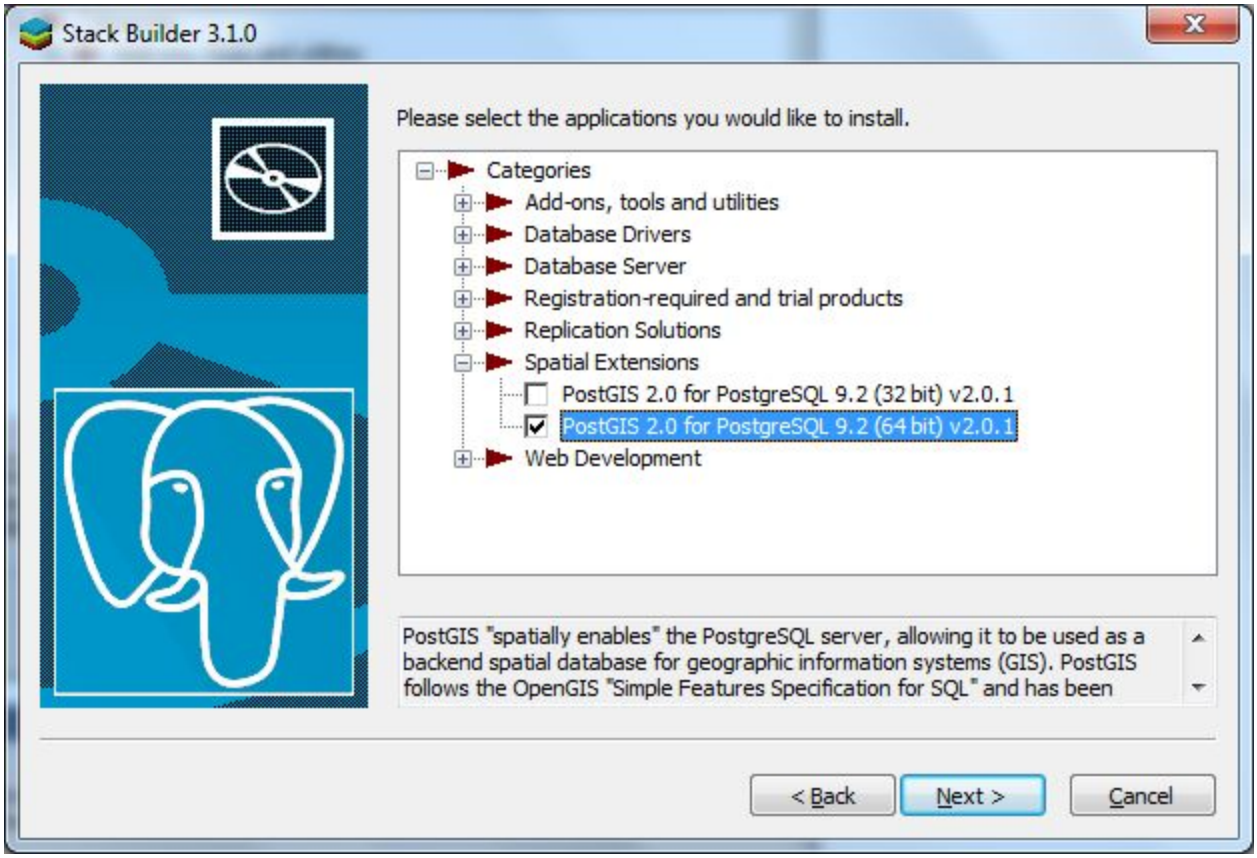
PostGIS is a 'collection of tables and function for PostgreSQL. PostGIS adds support for geographic objects to the PostgreSQL object-relational database. In effect, PostGIS "spatially enables" the PostgreSQL server, allowing it to be used as a backend spatial database for geographic information systems (GIS), much like ESRI's SDE or Oracle's Spatial extension. PostGIS follows the OpenGIS "Simple Features Specification for SQL" and has been certified as compliant with the "Types and Functions" profile.'

First you need to install PostgreSQL. PostGIS can be installed via the "Application Stack Builder that was installed with PostgreSQL".



After launching this \installer you will pass the following steps:




Stack Builder 3.1.0
Please select the applications you would like to install.
Categories
Add-ons, tools and utilities
Database Drivers
Database Server
Registration-required and trial products
Replication Solutions
Spatial Extensions
PostGIS 2.0 for PostgreSQL 9.2 (32 bit) v2.0.1
PostGIS 2.0 for PostgreSQL 9.2 (64 bit) v2.0.1
Web Development
PostGIS "spatially enables" the PostgreSQL server, allowing it to be used as a backend spatial database for geographic information systems (GIS). PostGIS follows the OpenGIS "Simple Features Specification for SQL" and has been
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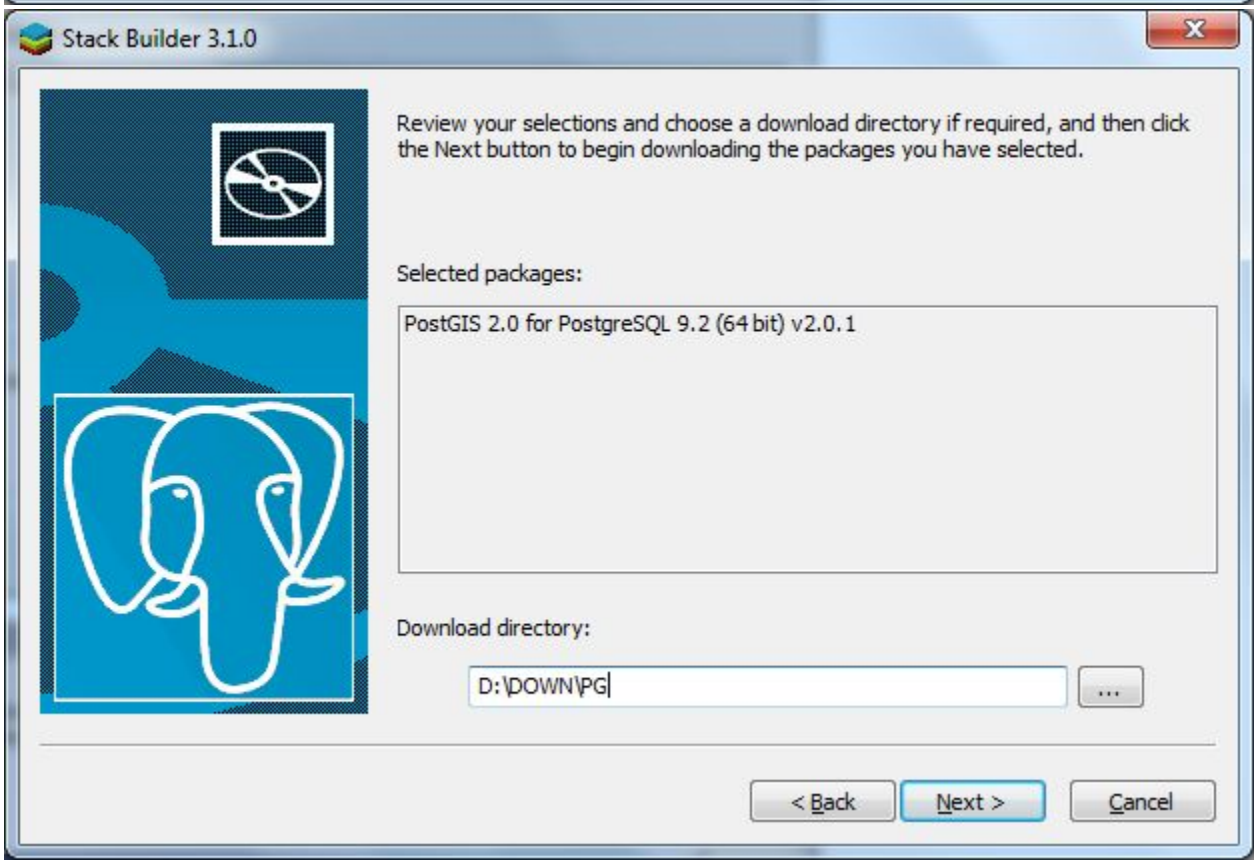
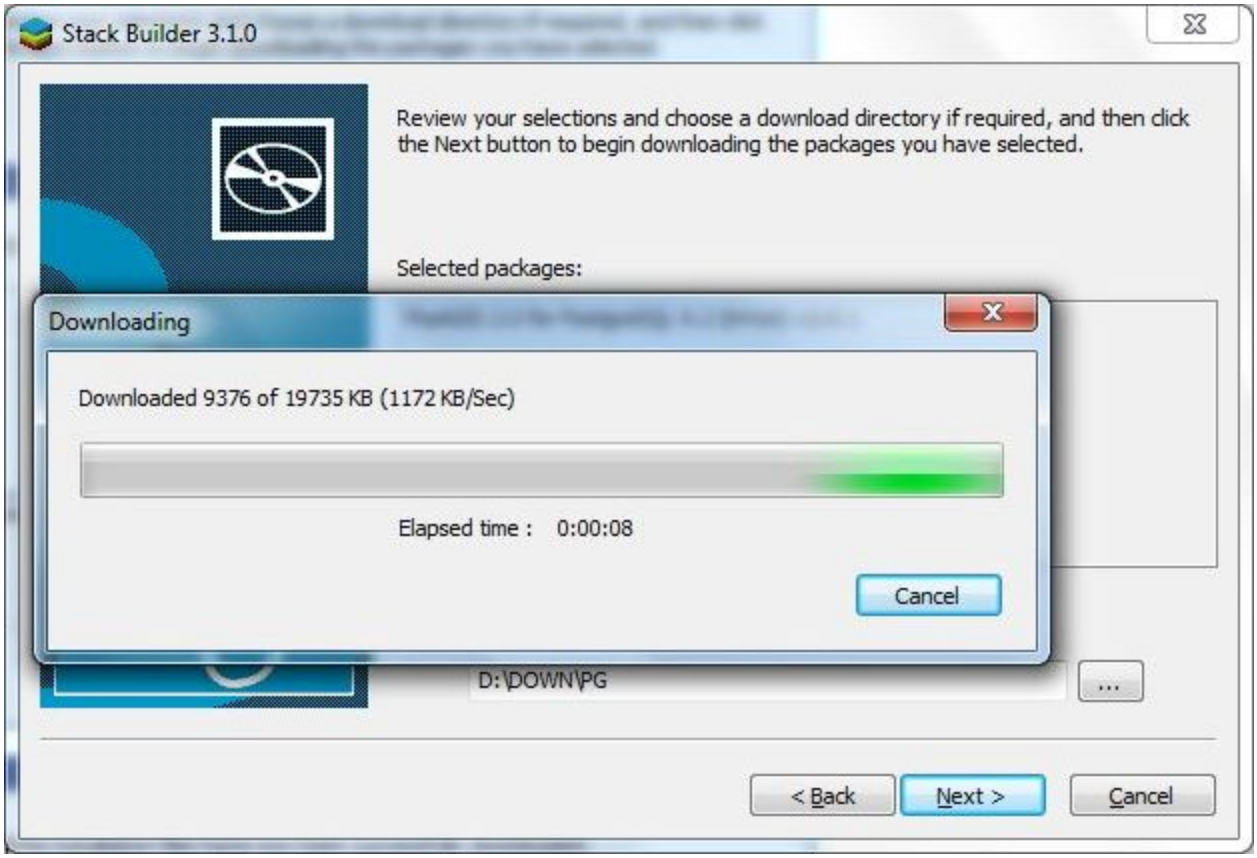
Cancel


Stack Builder 3.1.0
Review your selections and choose a download directory if required, and then click the Next button to begin downloading the packages you have selected.
Selected packages:
PostGIS 2.0 for PostgreSQL 9.2 (64 bit) v2.0.1
Download directory:
D:\DOWN\PG
...
< Back
Next >
Cancel


Stack Builder 3.1.0
Review your selections and choose a download directory if required, and then click the Next button to begin downloading the packages you have selected.
Selected packages:
Downloading
Downloaded 9376 of 19735 KB (1172 KB/Sec)
Elapsed time : 0:00:08
Cancel
D:\DOWN\PG
...
< Back
Next >
Cancel

Stack Builder 3.1.0
All the installation files have now been successfully downloaded.
Please click the "Next" button to start the installations.
Note: You must allow all installations to run to completion. If you are prompted to restart the computer, click "No" or "Restart Later" and manually restart your computer when all the installation have finished.
Skip Installation
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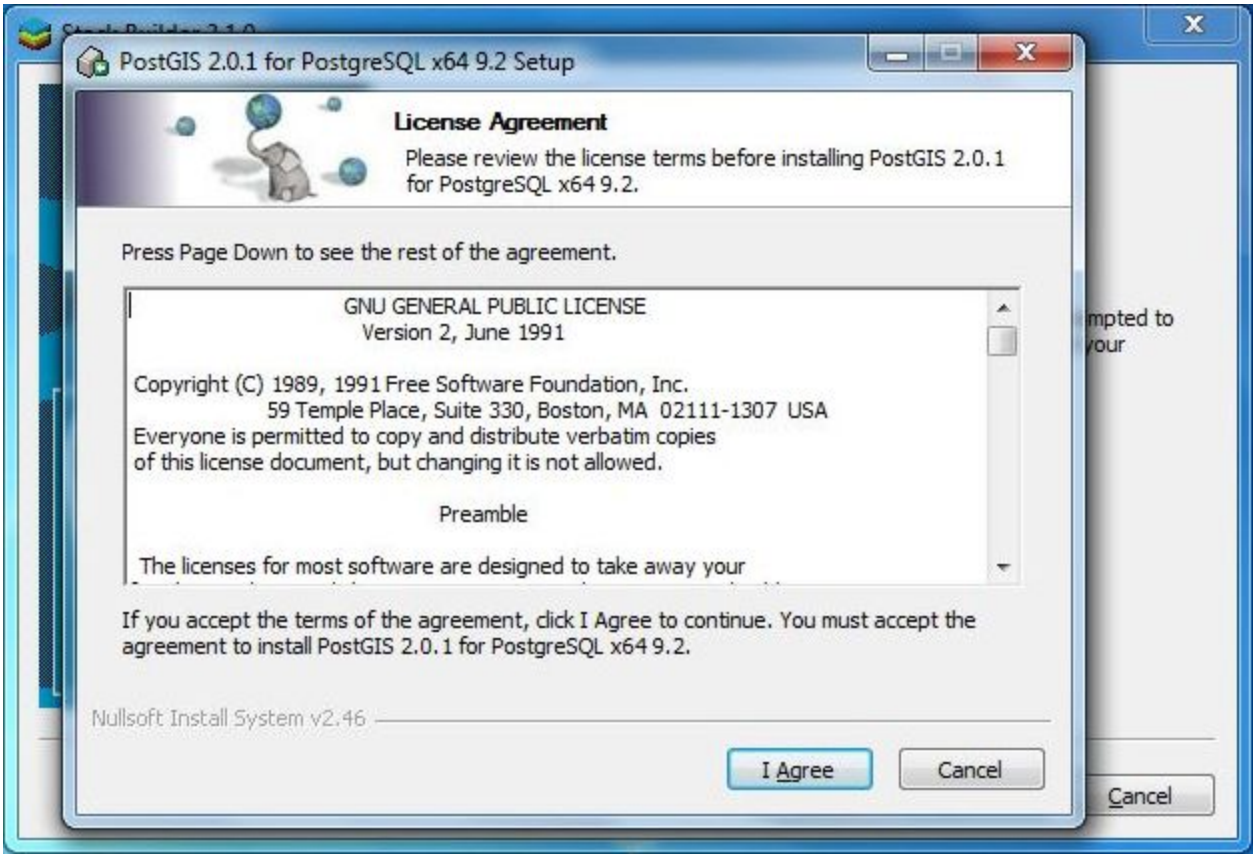
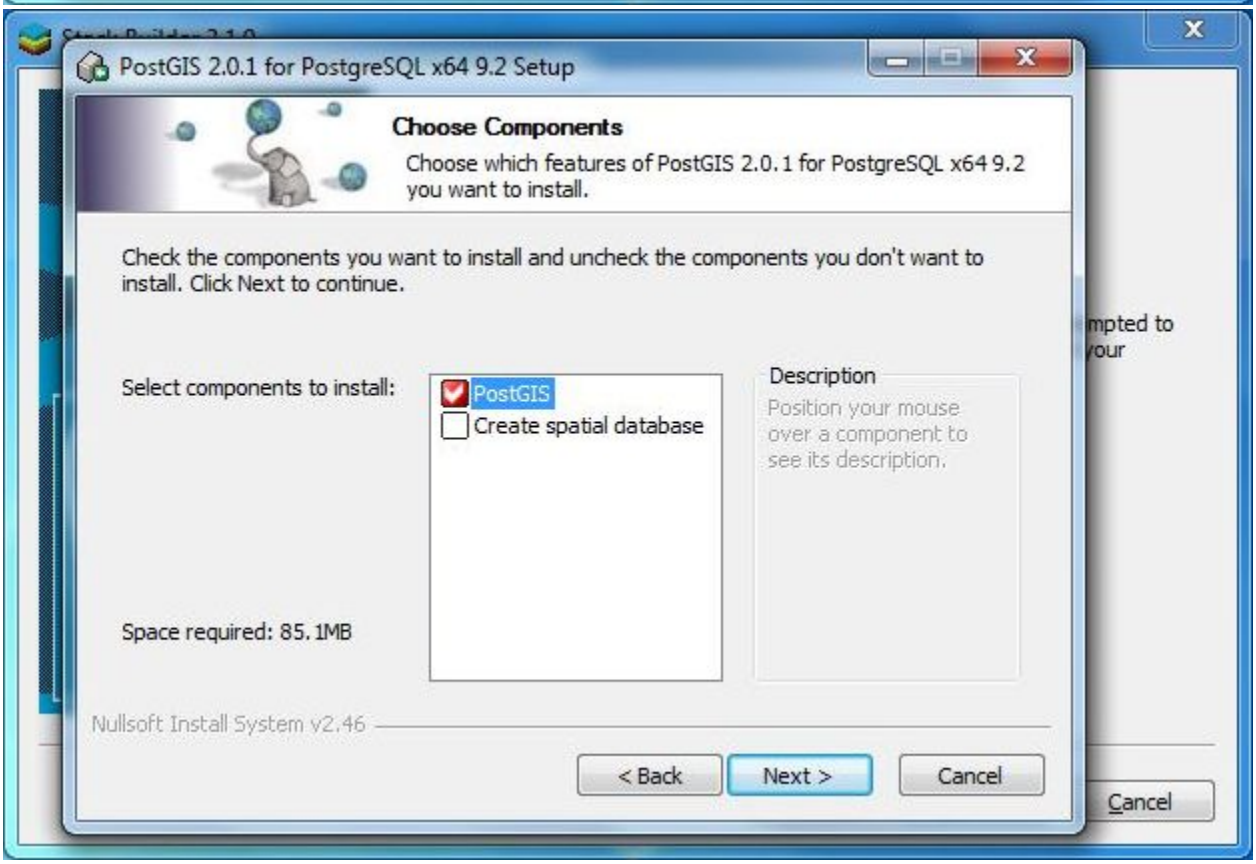
Cancel


PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup
License Agreement
Please review the license terms before installing PostGIS 2.0.1 for PostgreSQL x64 9.2.
Press Page Down to see the rest of the agreement.
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble
The licenses for most software are designed to take away your
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install PostGIS 2.0.1 for PostgreSQL x64 9.2.
Nullsoft Install System v2.46
I Agree
Cancel


PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup
Choose Components
Choose which features of PostGIS 2.0.1 for PostgreSQL x64 9.2 you want to install.
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select components to install:
PostGIS
Create spatial database
Description
Position your mouse over a component to see its description.
Space required: 85.1MB
Nullsoft Install System v2.46
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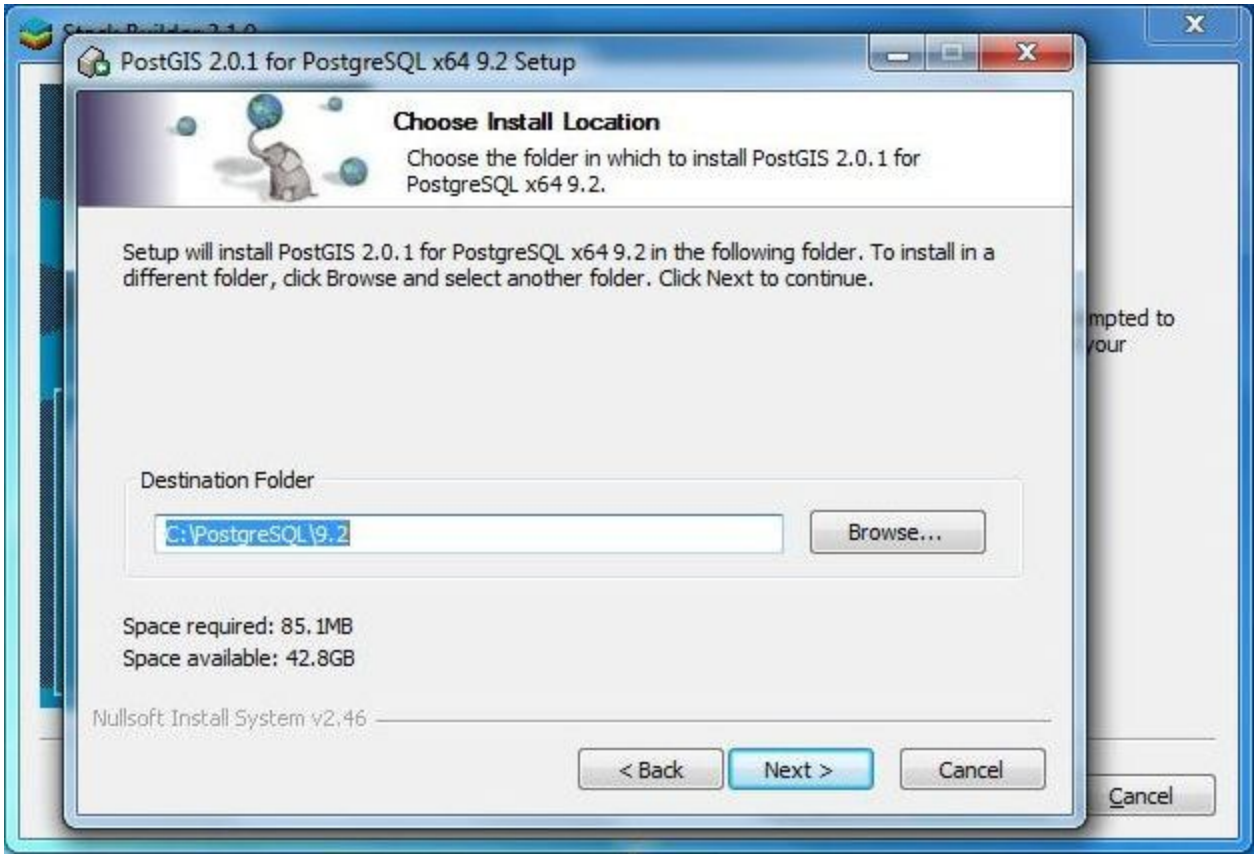
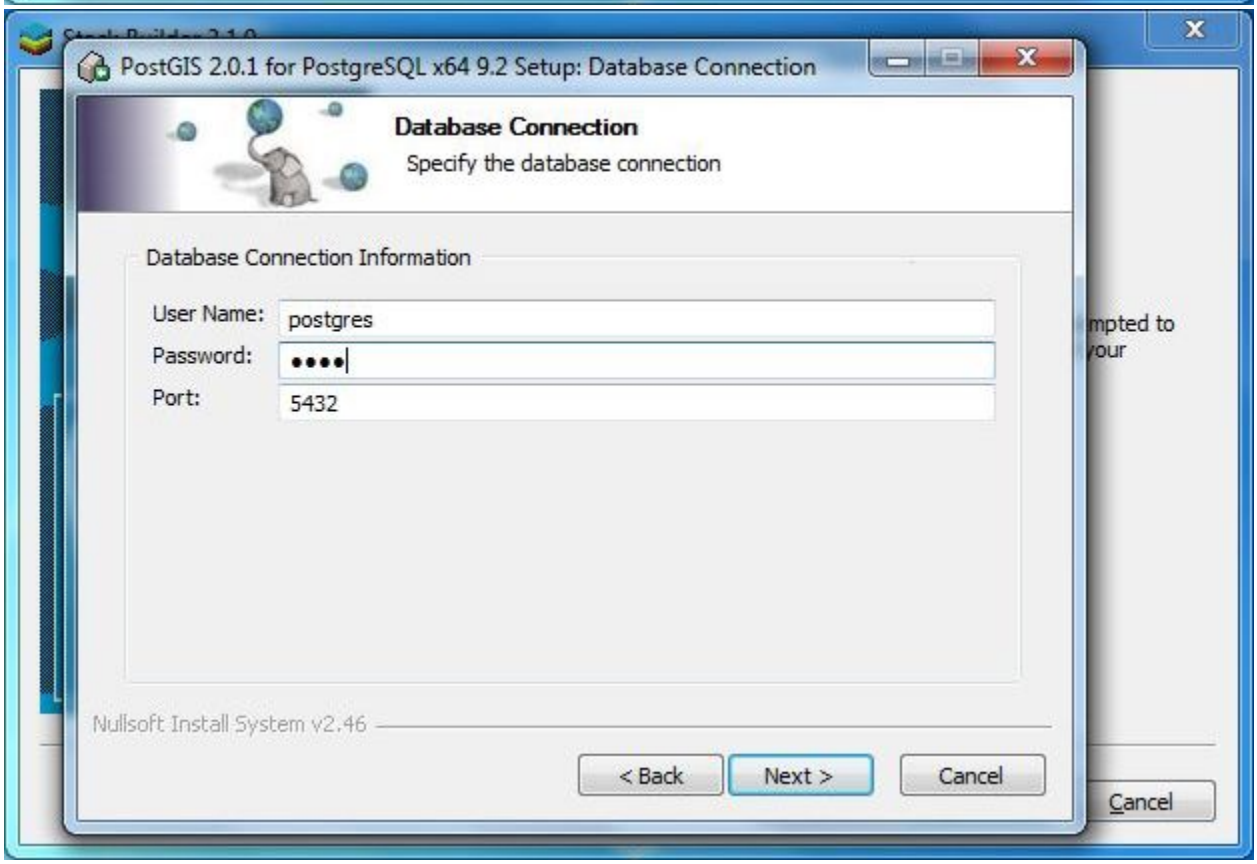
Cancel


PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup
Choose Install Location
Choose the folder in which to install PostGIS 2.0.1 for PostgreSQL x64 9.2.
Setup will install PostGIS 2.0.1 for PostgreSQL x64 9.2 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
Destination Folder
C:\PostgreSQL\9.2
Browse...
Space required: 85.1MB
Space available: 42.8GB
Nullsoft Install System v2.46
< Back
Next >
Cancel
Cancel


PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup: Database Connection
Database Connection
Specify the database connection
Database Connection Information
User Name:
postgres
Password:
Port:
5432
Nullsoft Install System v2.46
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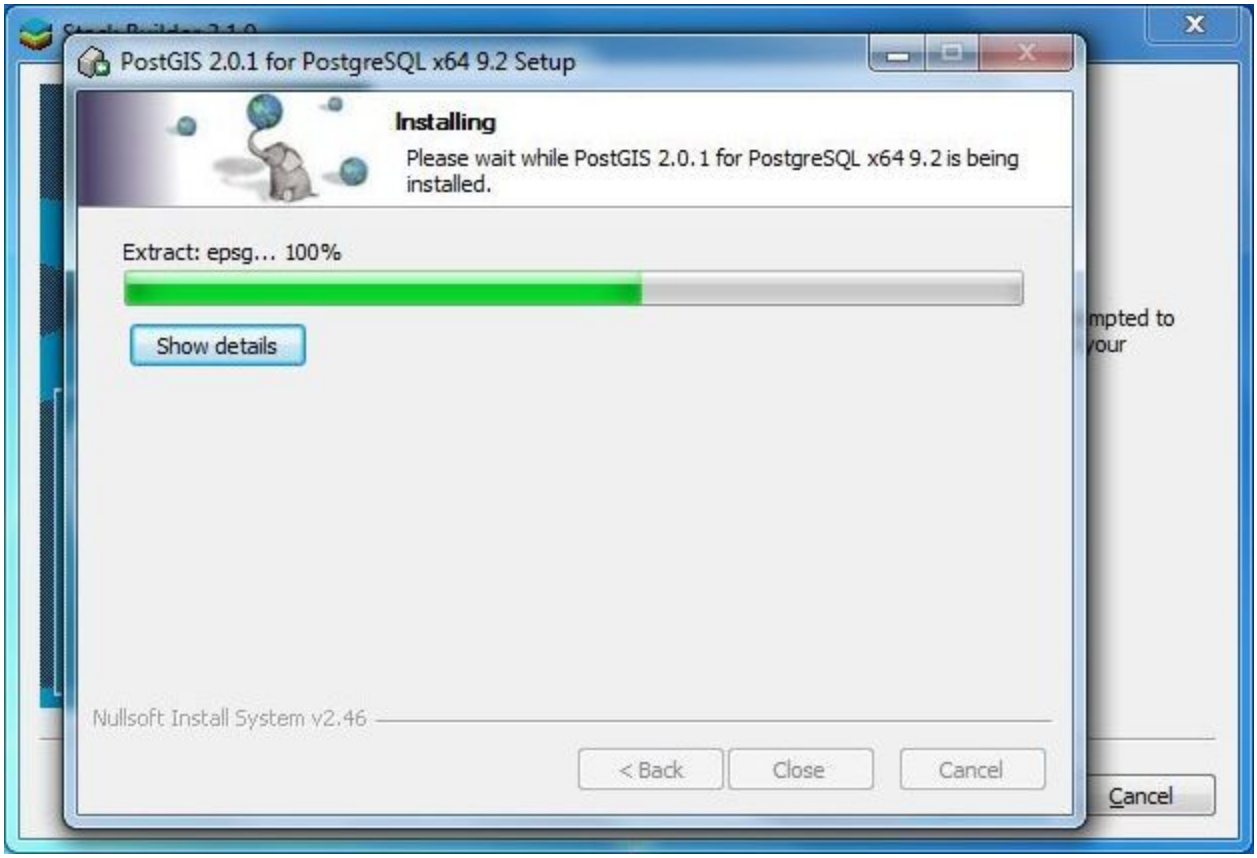
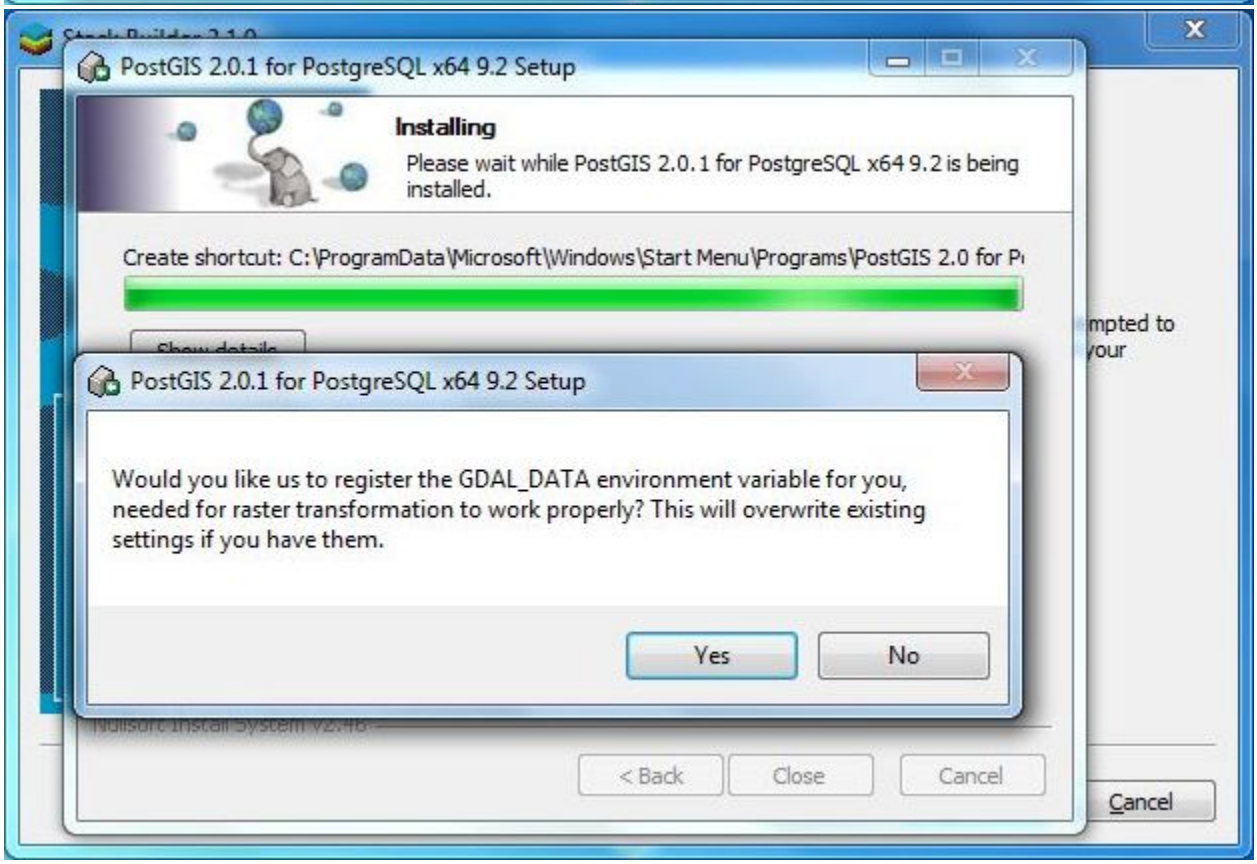
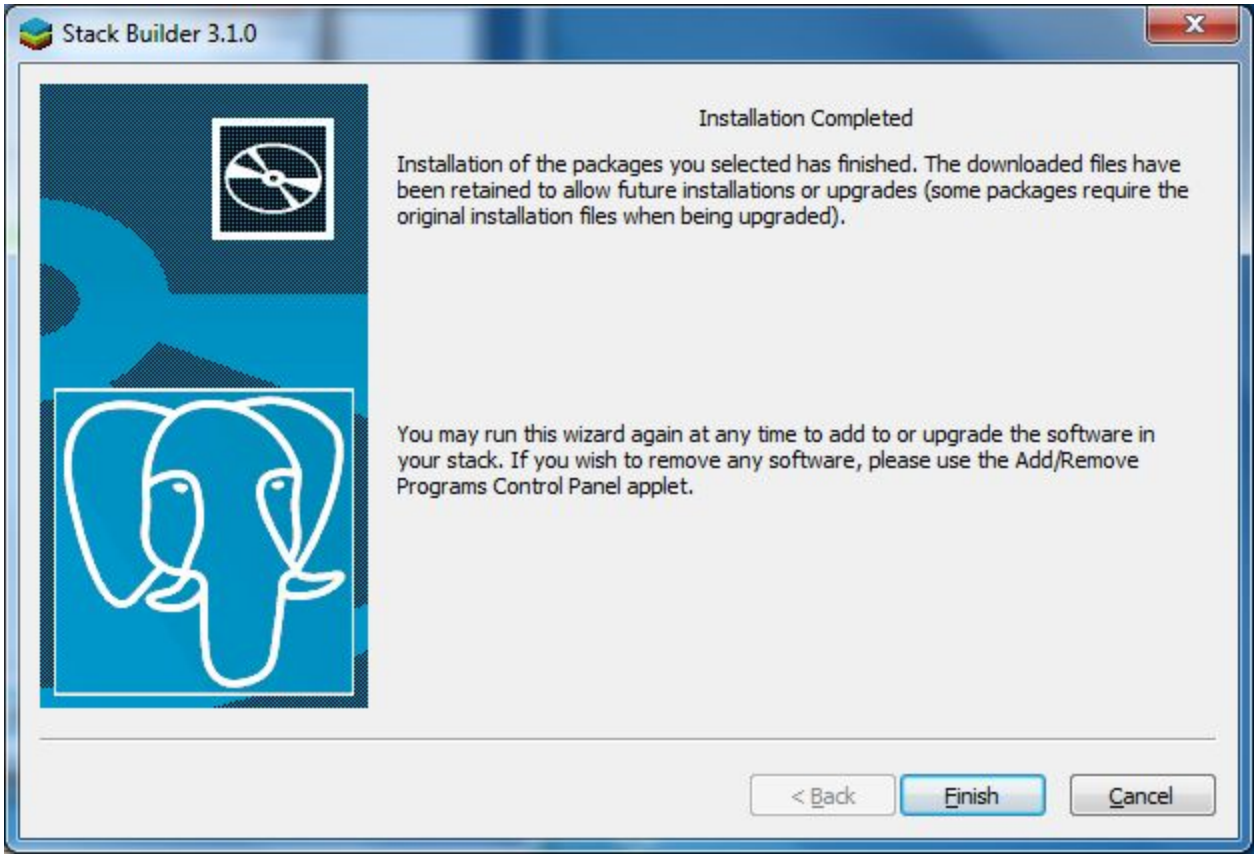
Cancel
Cancel


PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup
Installing
Please wait while PostGIS 2.0.1 for PostgreSQL x64 9.2 is being installed.
Extract: epsg... 100%
Show details
Nullsoft Install System v2.46
< Back
Close
Cancel
Cancel


PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup
Installing
Please wait while PostGIS 2.0.1 for PostgreSQL x64 9.2 is being installed.
Create shortcut: C:\ProgramData\Microsoft\Windows\Start Menu\Programs\PostGIS 2.0 for P
PostGIS 2.0.1 for PostgreSQL x64 9.2 Setup
Would you like us to register the GDAL_DATA environment variable for you, needed for raster transformation to work properly? This will overwrite existing settings if you have them.
Yes
No
< Back
Close
Cancel
Cancel



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PostgreSQL/PostGIS installation on Ubuntu

A description on how to install PostgreSQL and PostGIS on Ubuntu can be found here:
http://trac.osgeo.org/postgis/wiki/UsersWikiPostGIS21UbuntuPGSQL93Apt