# Configure the database

deltaMasses connects to the deltaMassBase database. deltaMassBase runs on the world's most advanced open source databasesystem postgreSQL. This document describes the installation of postgreSQL and the configuration of deltaMassBase.

Typical time do get this done: about 10 minutes[1].

Start: Installing postgreSQL (www.postgresql.org)

1. Print this document
2. Log in with an administrative account
3. using explorer, browse to C:\detectorvision\deltaMasses\postgreSQL\ [2]
4. Right-click onto postgresql-8.2.msi
5. Select "Run as Administrator"
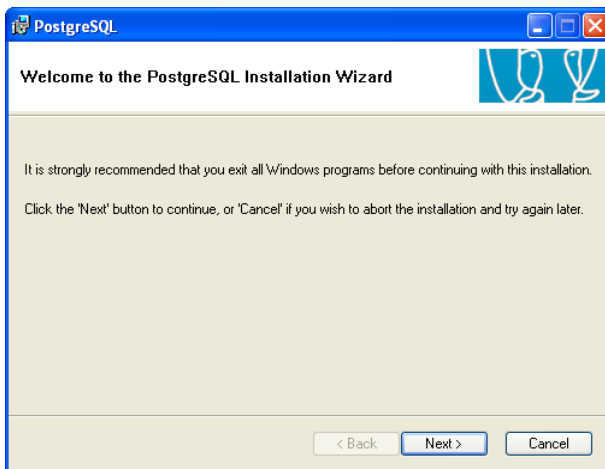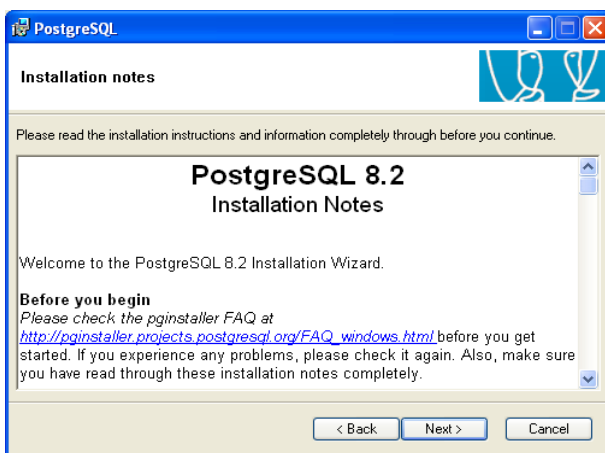6. Click OK on the dialog that appears
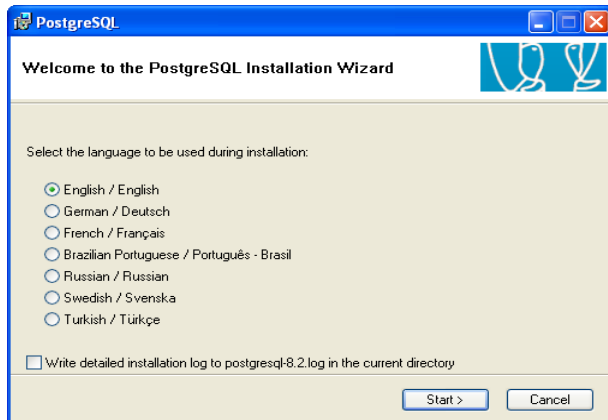
Start

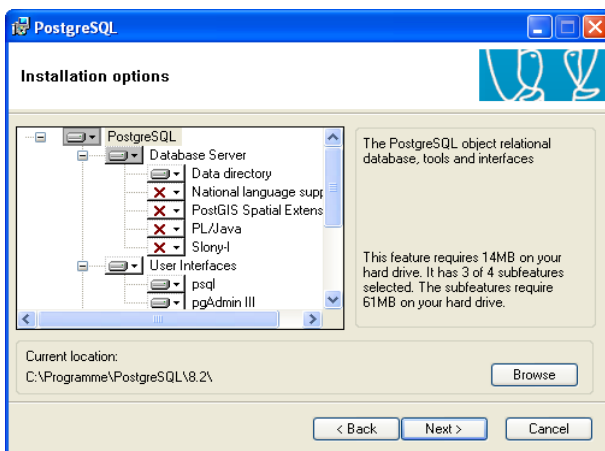---

1 You may want to contact your system administrator.

2 You may also download postgreSQL from http://www.postgresql.org/download/

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You might want to contact your system administrator at this point.

Do not change the Account domain (unless you are system administrator and understand exactly what you do)

You might want to set the user name to your personal user name, same for the password.
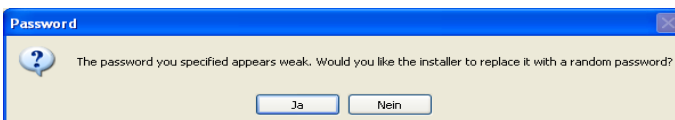

If you get this dialogue, click „yes"

If you get this dialogue, click „No".

IMPORTANT: Make sure to set the encoding to **UTF-8**

Standard password used: **4.3.jjMM**
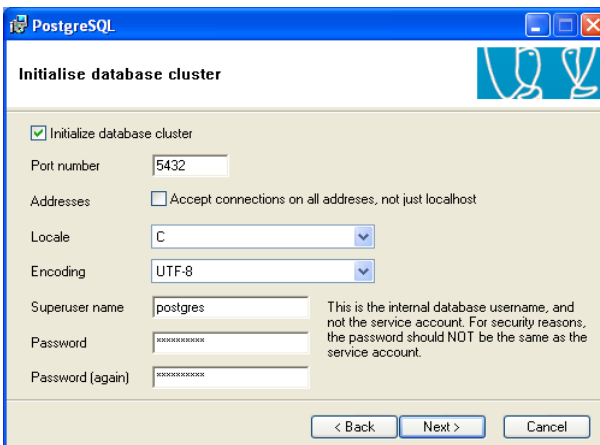
We strongly recommend NOT to check the option "Accept connections on all addresses".

## Advanced setup (if you want to spend more time installing ...)

You may change the Port number, superuser name, password, this can be adjusted in detaMasses. Leaving it like above is the "simple road". If you choose the more advanced road, you can configure deltaMasses in the file C:\detectorvision\deltaMasses\config\deltaMassBase.config.txt: just change

DELTAMASSBASE_NAME= deltaMassBase
DELTAMASSBASE_USER= postgres
DELTAMASSBASE_PASSWORD= 4.3.jjMM
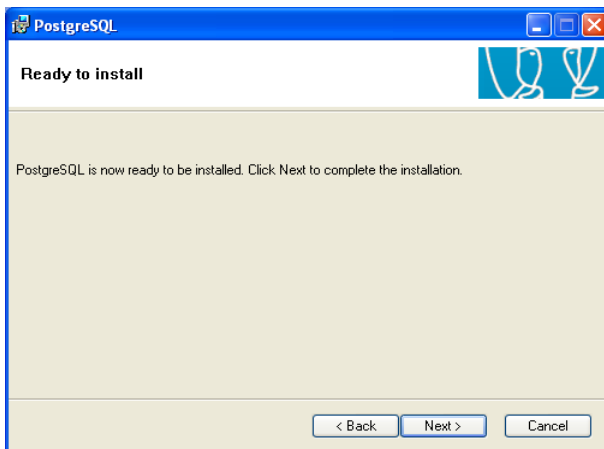DELTAMASSBASE_PORT= 5432
DELTAMASSBASE_HOST= localhost

DELTAMASSBASE_NAME is the name of the database which we will create below. You might change this name as well, if you want to. By default, *DELTAMASSBASE_NAME* is *deltaMassBase*

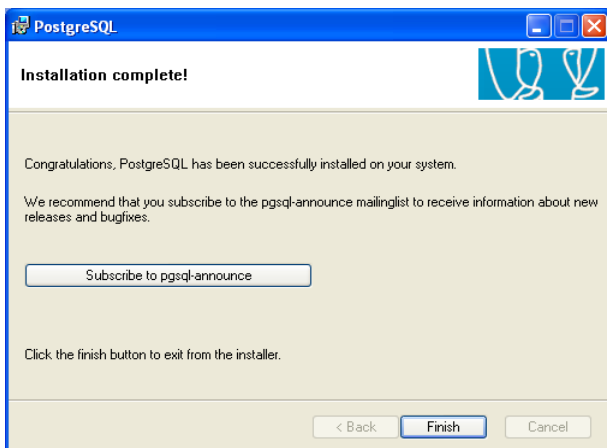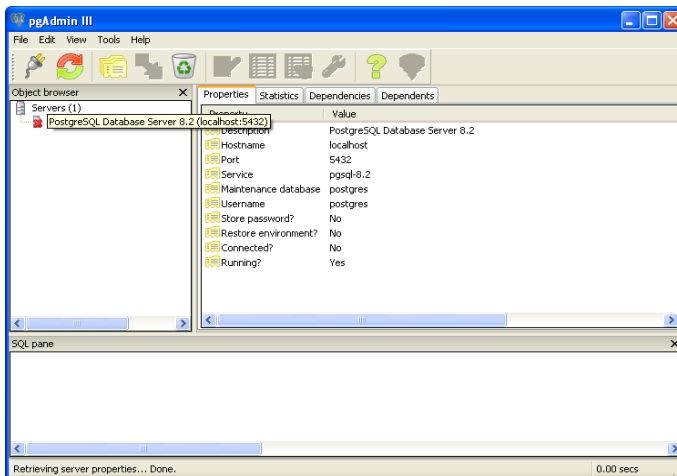(end of advanced setup)
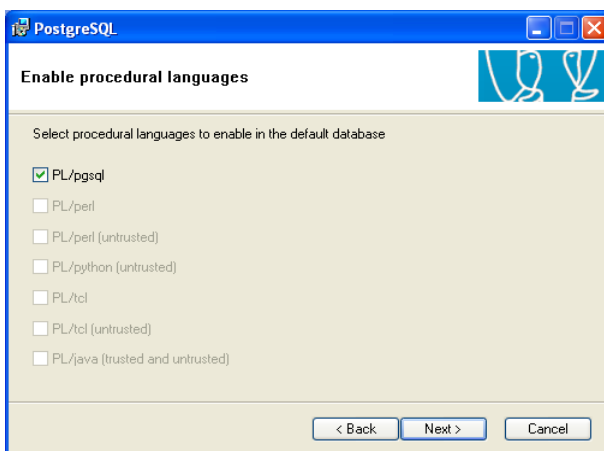
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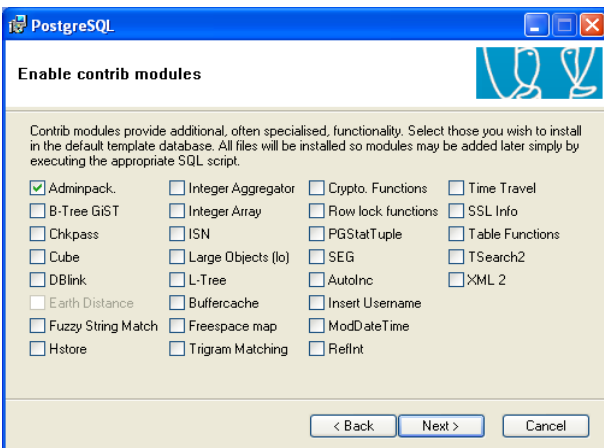
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Finish

-> Finished with installing postgreSQL.
Now we have to create the database itself, see below.

Create the database "deltaMassBase"

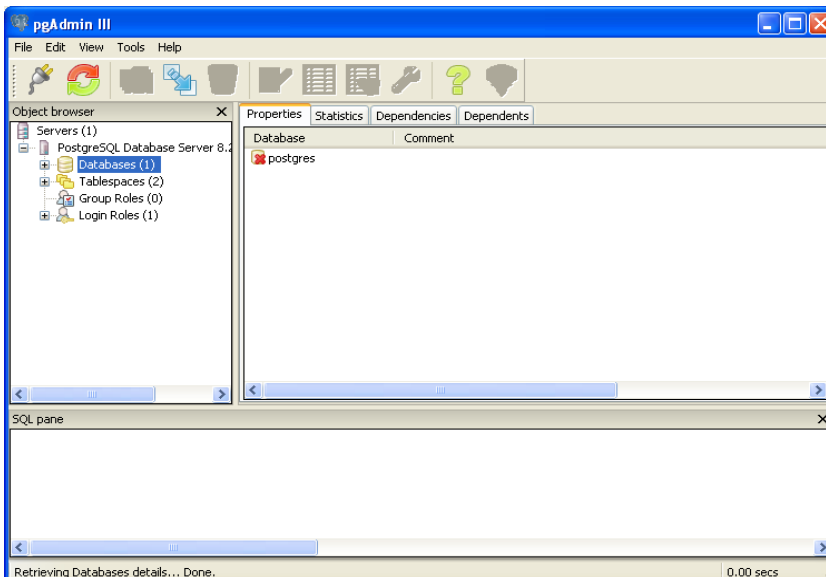Start the postgreSQL admin tool, pgAdmin III:
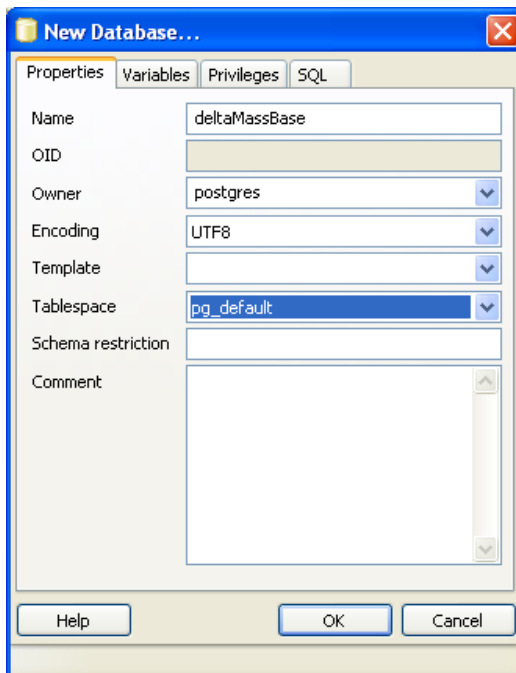
Start->Programs->postgreSQL 8.2->pgAdmin III

double-click onto PostgreSQL Database Server

enter the password, 4.3.jjMM (or whatever your password is). You might want to check the "store password" option.

Right-click onto "Databases(1)" and choose "New Database…" Make sure to choose UTF-8 as database encoding.
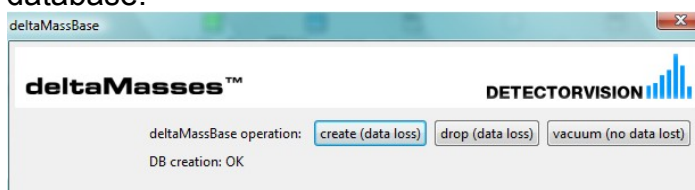
Make sure your settings are as above, and click OK.

You can now see the deltaMassBase at
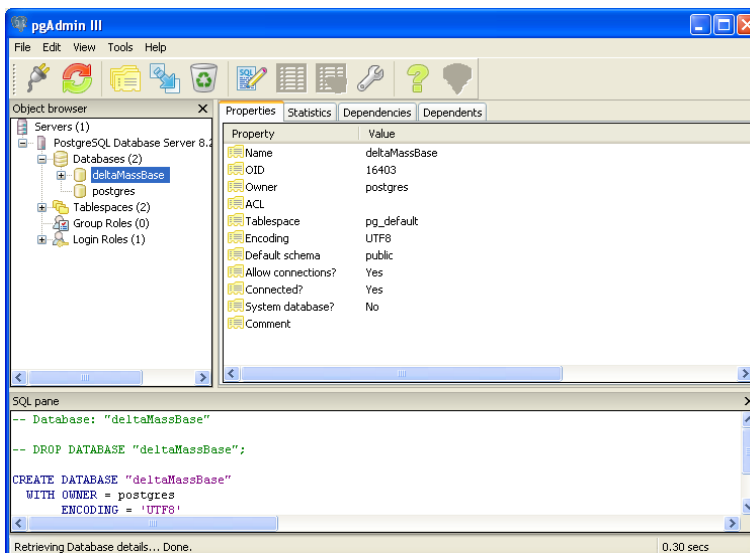
Now, run deltaMasses, click onto "deltaMassBase" and then „create" to create the database:

Congratulations, deltaMassBase has been configured   -----end-of-document-----