

Guide to use PostgreSQL

Introduction

This guide explains how to configure PostgreSQL to be used with AWB Editor

1. Download and install PostgreSQL

You may download the latest version of PostgreSQL from <http://www.enterprisedb.com/products/pgdownload.do> . Avoid downloading beta version.

Then just run the installer and use the default options.

2. Create a new database

After installing the database us pgAdmin to create a new database

- a) Start pgAdmin (Windows: it is located in the start menu in the PostgreSQL menu, MacOS: it is located in Applications->PosgreSQL)
- b) Connect to the database server (there should be only one in the tree on the left), double click it
- c) Right-click on Databases and select "New Database"
- d) Enter the name of the database, for example awbeditor, then click on OK

3. Create a new Group Role

- a) On Group Roles select "New Role Group"
- b) Enter a name, for example "awbeditor_group"

4. Crete a new user and add it to the group

- a) Right click on "Login Roles" and select "New Login Role"
- b) Enter a name, for example awbeditor_user and enter a password
- c) In Role membership add the group awbeditor_group to the member list
- d) Allow access to the database from the group

5. Allow access to the database from the group

- a) right click the database and select properties
- b) Select properties
- c) In privileges select the role group you just created (awbeditor_group) and select ALL and WITH GRANT OPTION and click on "Add/Change"
- d) Click OK

6. Enable remote access to the database

This step is sometimes not needed as remote access to the database is enabled by default. But if you have to do it here are the instructions:

- a) go to Tools->Server Configuration->pg_hba.conf
- b) add a new entry by double clicking the last empty item
- c) Select as Type: host, Database: all, user: all, IP: 192.168.1.1/24 (or whatever IPs you use in your LAN) and method: trust

7. Make a backup of you current database

If you would like to copy the data in your current data to the new database, the go to File->Configuration and at the bottom click on "Back up" to make a backup copy of your current database. Enter a name for the backup file and save it. You will use it later.

If you do not want to copy the information then skip this step.

8. Configure each terminal of AWB Editor

After configuring the database you will need to configure each terminal of AWB Editor to use the new database.

- a) Go to File->Configuration
- b) Select "Shared remote database" and select as DBMS PosgreSQL
- c) In the URL enter the IP or the name of the computer where you installed the database
- d) Leave Port empty, in Database enter awbeditor or the name that you used for the database
- e) In Username and password enter the user that you created in the database
- f) Save the changes and re start the program

9. Possible errors

If after restarting AWB Editor you do not get any error message and the menus are enabled as usual then the installation and configuration of everything was successful. If not check the following:

- a) in general connection errors are related to enabling TCP access correctly or a wrong URL in AWBEditor's configuration
- b) an error related to SQL in general is related to the database, maybe the user or role is configured wrong

10. Restore the previous database

If you made a backup copy of your previous database and would like to have that information in the new database, then go to File->Configuration and at the bottom click on "Restore" and select the backup file that you created before. After that you should have all the information you had before.