



Installation guide



VIA CLOUD BUNKER



Introduction

Via CloudBunker is a file-sharing program designed for the needs of the Engineering department of VIA University College.

Getting started

When you receive the program it will be in a zip file. Extract the files in order to continue with the Installation guide.

Step 1: Server and Database

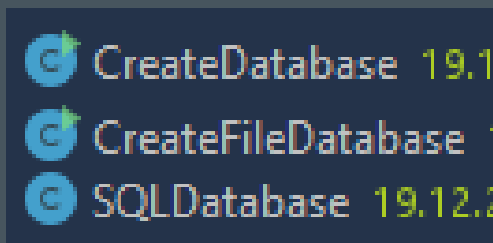
Designate a system that will serve as a server for the application. Then you need to create the database. The program is using PostgreSQL as a database. Download it and follow the installation guide for PostgreSQL. You need to remember your password as it will be important further down.

Step 2: Libraries

When you have received the program you will need to configure the dependencies for the SEP module. In the zipped file you will find postgresql-42.2.8.jar and a folder called javafx-sdk-11.0.2. They need to be added to the dependencies.

Step 3: Creating the database

In the SEP module in the source folder under network and database there are 3 classes that need personal touch. In those 3 classes there is a field for a password. That password will be the password you created when installing the database.

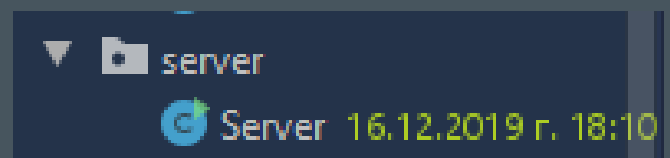


```
// Change the pw String to your password and run it one time only!  
String pw = " ";
```

CreateDatabase and CreateFileDatabase should only be run once.

Step 4: Starting the server

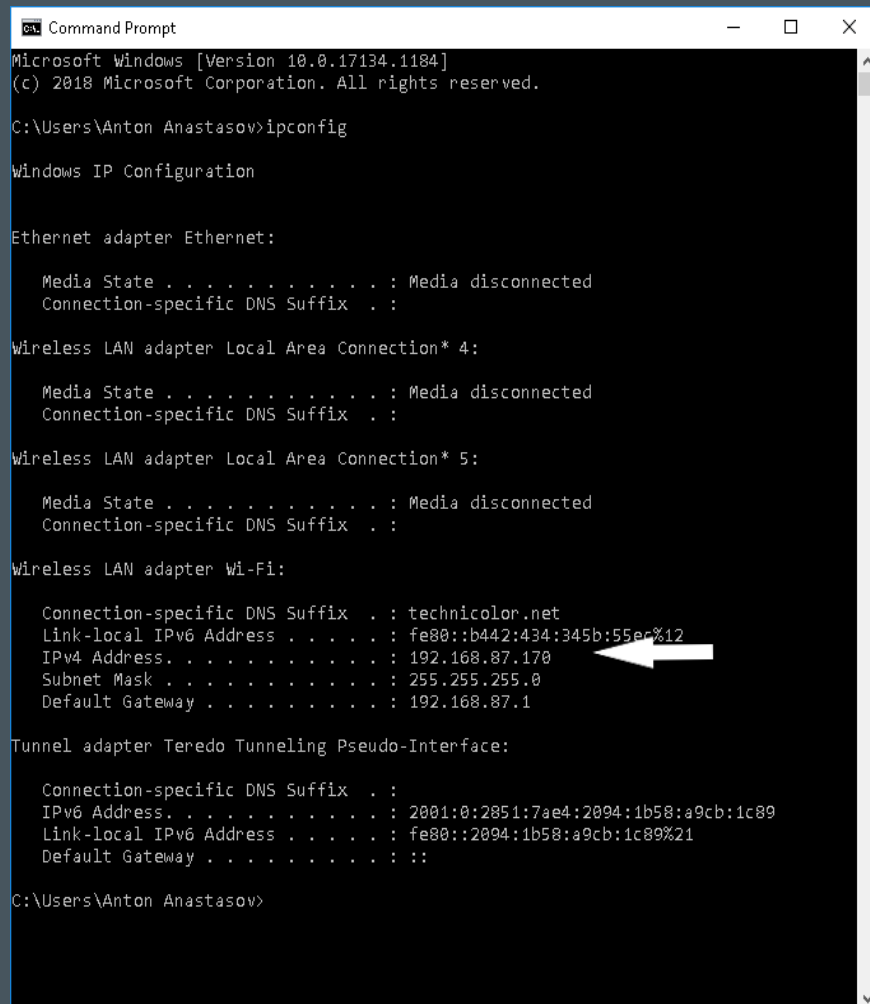
In the folder network under server there is a class called server. It should be ran on the server machine in order for the clients to connect. *Remember when the server is not running no client can connect*



Step 5: Installing on client computers

After the server is operational on the server machine, in the search filed on the taskbar search for cmd. After the Command Prompt opens type the command *ipconfig*.

You are looking for the IPv4 address of the server machine. Save it somewhere as it will be used later.



```
Microsoft Windows [Version 10.0.17134.1184]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Anton Anastasov>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 4:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 5:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

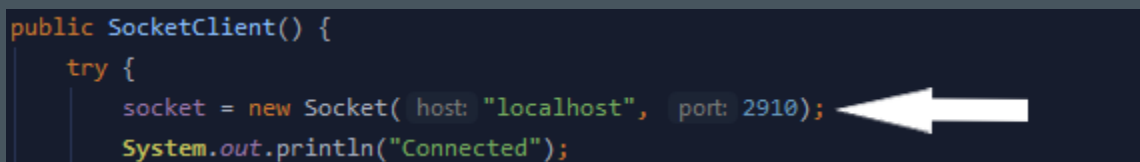
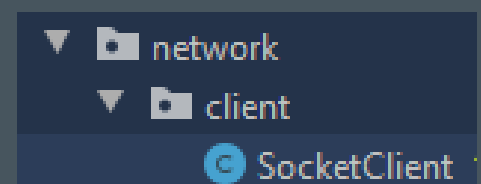
    Connection-specific DNS Suffix  . : technicolor.net
    Link-local IPv6 Address . . . . . : fe80::b442:434:345b:55e%12
    IPv4 Address. . . . . : 192.168.87.170
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.87.1

Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix  . :
    IPv6 Address. . . . . : 2001:0:2851:7ae4:2094:1b58:a9cb:1c89
    Link-local IPv6 Address . . . . . : fe80::2094:1b58:a9cb:1c89%21
    Default Gateway . . . . . : ::

C:\Users\Anton Anastasov>
```

When installing on the client machine/s a modification needs to be made to the SocketClient class. It could be found under network and then client.



```
public SocketClient() {
    try {
        socket = new Socket( host: "localhost", port: 2910);
        System.out.println("Connected");
    }
}
```

In the place of *localhost*, copy the IP for the server machine.

Step 6: Starting the program for the first time

The program could be started by running the *StartApplication* class.



If the login screen appears that means that you have successfully completed the installation guide for CloudBunker. If you have any further questions about how to operate the program consult the User Guide that is available to you.

If you experience any problems don't hesitate to contact us on our e-mail :

anton.anastasov@outlook.com

Thank you for choosing our product!