**Connection to Digital Ocean server**

Before starting, make sure you have placed your public and private SSH key files in your *C:/Users/<your-user>/.ssh*/ folder. If you don’t have a folder like that simply make one and put in the key files.If you lost your keys contact the admin at [patrick.vincent@live.dk](mailto:patrick.vincent@live.dk) or 51287747 for a new key.

There are two programs we would like to connect to the server. MySQL and IntelliJ.

**Connecting MySQL**

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| 1. It’s time to create a new connection in your MySQL application. In your homepage, begin setup for a new connection by pressing the  (plus sign). |
| 1. Apply a good connection name and set connection method to ”Standard TCP/IP over SSH”. Input given user info to the correct fields. **DO NOT** apply a path to SSH Key File as that will crash the connection attempt. This will setup an automatic SSL connection. You do not need to configure any additional settings in the SSL tab. |

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| 1. A window will pop up to tell you you have completed connection settings correctly. |

**Connecting IntelliJ**

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| *First a little service information. Make sure you have IntelliJ 2020.2.2 or later installed as this tutorial is made with that version.* |
| 1. Now open IntelliJ. Open the Database tab and create a new data source with  select MySQL. |
| 1. In the General tab, apply given information for the MySQL database (Leave the ‘Name:’ field alone, it will autofill with information from other fields). |

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| 1. Hop over to the SSH/SSL tab. Enable Use SSH Tunnel and press the  button. |
| 1. Press the  to add a new configuration. Apply droplet server information here. In Authentication type select Key Pair and find your grassroot private key. Finally test the connection. Don’t forget to apply settings. |
| 1. You should receive this window. And your connection has been verified. Don’t forget to apply settings. And remember **apply all settings** before closing all windows! |