

# Access to the H2 Database

External Database access for H2 can be granted on different ways. Teedy stores its H2 database in standard path `/var/docs/db`

## Variant 1: Download H2 Database Tool

1. Download → <http://www.h2database.com/h2-2019-03-13.zip>



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**Home**

[Download](#)

[Cheat Sheet](#)

**Documentation**

[Quickstart](#)

[Installation](#)

[Tutorial](#)

[Features](#)

[Performance](#)

[Advanced](#)

## H2 Database Engine


Welcome to H2, the Java SQL database. The main features of H2 are:

- Very fast, open source, JDBC API
- Embedded and server modes; in-memory databases
- Browser based Console application
- Small footprint: around 2 MB jar file size

### Download

Version 1.4.200 (2019-10-14)

 [Windows Installer \(5 MB\)](#)

 [All Platforms \(zip, 8 MB\)](#)

[All Downloads](#)

### Support

[Stack Overflow \(tag H2\)](#)

[Google Group English, Japanese](#)

For non-technical issues, use:  
[dbsupport at h2database.com](#)

2. Put your database **copy/backup** files (docs.mv.db and dovs.trace.db) into some directory where you can access it
3. Use it

**Run the h2.bat file and connect via Web Interface, or**

**Login**

Gespeicherte Einstellung:

Einstellungs-Name:

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Datenbank-Treiber Klasse:

JDBC URL:

Benutzername:

Passwort:

## Connect via Console (Windows)

```
cmd
cd C:\Users\mario\Downloads\h2-2019-03-13\h2\bin
#note: ignore the *.db ending. H2 will add it automatically. If you do it yourself it will fail!
java -jar h2-1.4.199.jar -url
"jdbc:h2:file:~/Downloads/docs;CACHE_SIZE=65536;LOCK_TIMEOUT=10000;IFEXISTS=TRUE;" -driver
"org.h2.Driver" -user "sa" -password ""
```

## Connect via Console (Linux)

Good tips: <https://o7planning.org/en/11895/installing-h2-database-and-using-h2-console>

```
cd opt/
wget https://h2database.com/h2-2019-03-13.zip
unzip h2-2019-03-13.zip
rm h2-2019-03-13.zip
cd /opt/h2/bin/

#open Database with h2 driver - enable X11 forward to receive graphical user interface (GUI)
export DISPLAY=localhost:10.0 && java -jar h2-1.4.199.jar -url
```

```
"jdbc:h2:file:/var/docs.bak/db/docs;CACHE_SIZE=65536;LOCK_TIMEOUT=10000;IFEXISTS=TRUE;" -  
driver "org.h2.Driver" -user "sa" -password ""
```

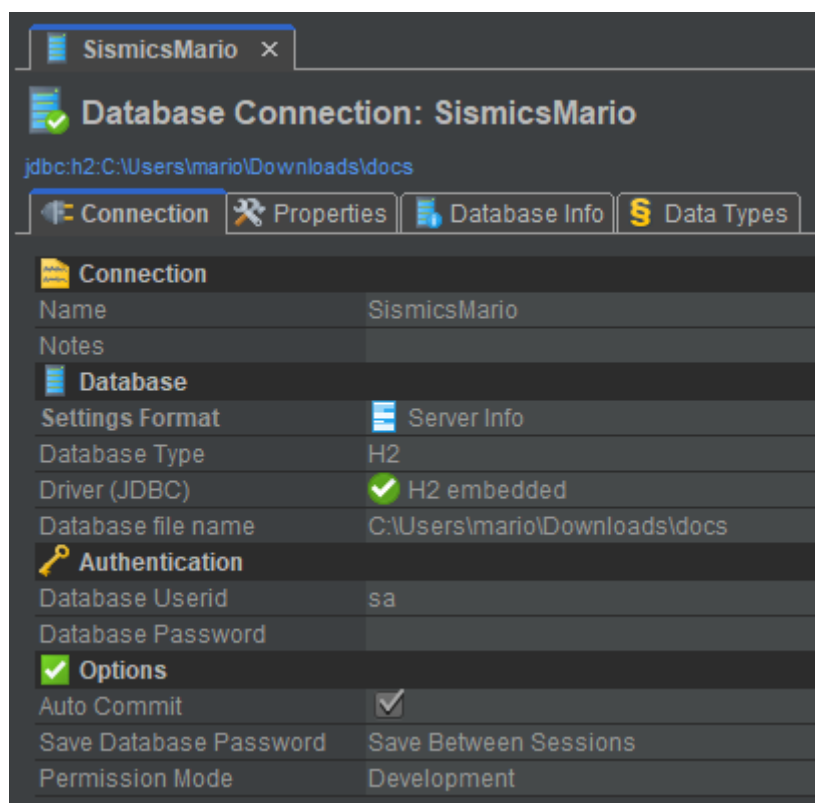
#note that version h2-2019-10-14 failed on the Teedy H2 database. So i used older version h2-2019-03-13

## Variant 2: DBVisualizer

DBVisualizer comes with bundled support for H2 including the driver →

<https://www.dbvis.com/features/h2-database-features>

Some example configuration looks like this:



Ignore the `*.db` ending. H2 will add it automatically. If you do it yourself it will fail!  
So the database "docs" contains of two files and you only need to enter the principal name.



**docs.mv.db**



**docs.trace.db**

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Version #1

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