SQLynx

Upgrade Documentation
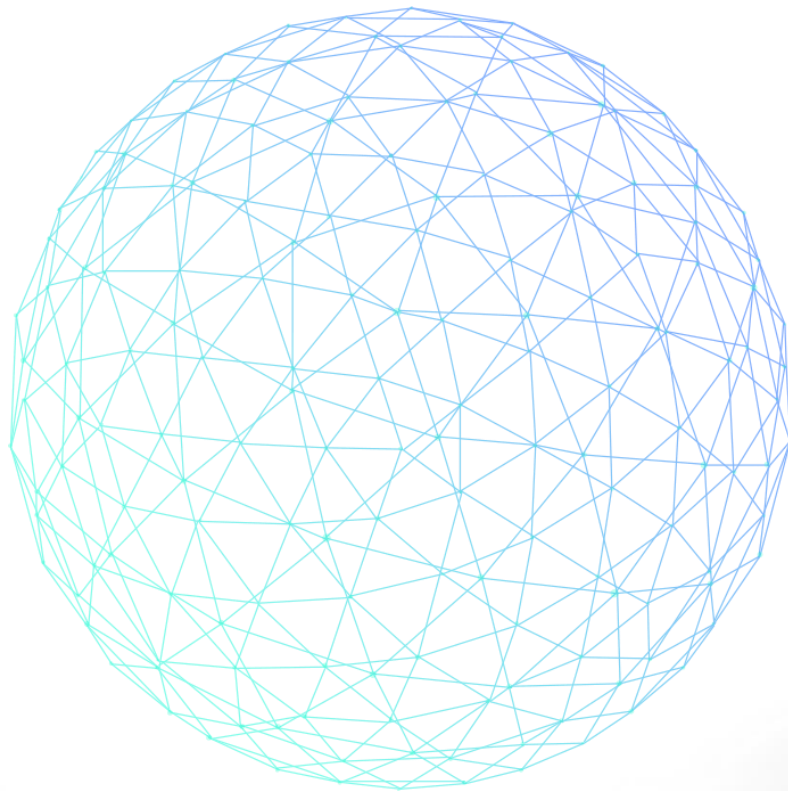
【Version：3.0.0】

Menu

1. Linux operating system

1.1 Environmental inspection

SQLynx provides two installation package versions with built-in JDK and without JDK. You can choose the installation package according to your own needs. Open the terminal and execute the command to check whether the JDK is installed and the installed JDK version. JDK1.8 or above is required.

Open the terminal and execute the command to check the JDK version , which requires JDK1.8 or above :

    java -version

```
[        @localhost ~ % java -version
openjdk version "20.0.1" 2023-04-18
OpenJDK Runtime Environment (build 20.0.1+9-29)
OpenJDK 64-Bit Server VM (build 20.0.1+9-29, mixed mode, sharing)
```

If JDK version 1.8 or above is not installed, you need to download the installation package of the version that comes with the JDK, or install the JDK yourself and then download the installation package of the No-JDK version.

Note: The JDK in the installation package that comes with the JDK only supports AMD64 (x86) architecture. If the server is for other architectures, you need to manually replace the corresponding JDK.

1.2 Upgrade SQLynx software

1.2.1 Download the installation package

Visit the download page https://www.sqlynx.com, select the appropriate software version, and click to download.
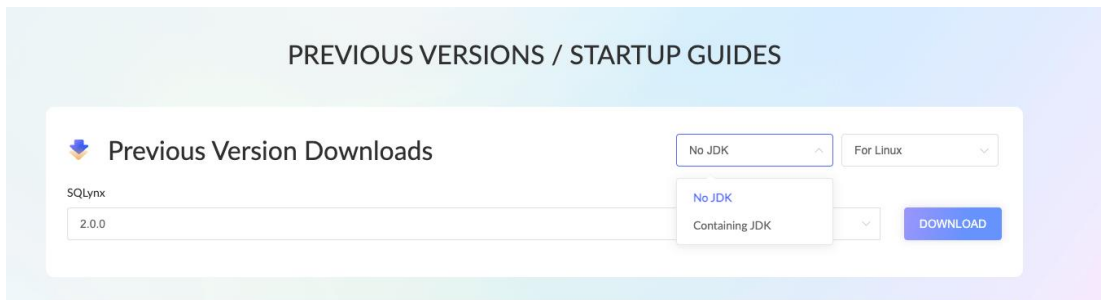
The following steps take the No-JDK version as an example. The downloaded installation package is named:

sqlynx_enterprise_linux_no_jdk_2.0.0.zip

Note: SQL Studio has now been renamed SQLynx

1.2.2 Decompress software

Unzip the installation package to the current folder, command:

unzip <filename>

Example:

unzip sqlynx_enterprise_linux_no_jdk_2.0.0.zip

```
[      @localhost downloads % unzip sqlynx_enterprise_linux_no_jdk_2.0.0.zip
 Archive:  sqlynx_enterprise_linux_no_jdk_2.0.0.zip
   creating: sqlynx/
  inflating: sqlynx/maicong-sqlynx.sh
  inflating: sqlynx/devops-maicong-sqlynx-1.0.0-release-jar-with-dependencies.jar
   creating: sqlynx/config/
  inflating: sqlynx/config/maicong.yaml
   creating: sqlynx/ext/
  inflating: sqlynx/ext/sdotype.jar
  inflating: sqlynx/ext/sdoapi.jar
  inflating: sqlynx/ext/sdoutl.jar
  inflating: sqlynx/ext/sdodep3prt.jar
   creating: sqlynx/dep_lib/
  inflating: sqlynx/dep_lib/jaxb-impl-2.2.3-1.jar
  inflating: sqlynx/dep_lib/druid-1.1.24.jar
  inflating: sqlynx/dep_lib/spring-boot-starter-test-2.6.7.jar
  inflating: sqlynx/dep_lib/jsonassert-1.5.0.jar
  inflating: sqlynx/dep_lib/jakarta.xml.bind-api-2.3.3.jar
  inflating: sqlynx/dep_lib/json-path-2.6.0.jar
  inflating: sqlynx/dep_lib/mongodb-driver-sync-4.9.0.jar
  inflating: sqlynx/dep_lib/spring-context-5.3.19.jar
  inflating: sqlynx/dep_lib/fastjson-1.2.83.jar
  inflating: sqlynx/dep_lib/assertj-core-3.21.0.jar
  inflating: sqlynx/dep_lib/hadoop-auth-2.7.3.jar
  inflating: sqlynx/dep_lib/httpcore-4.4.15.jar
  inflating: sqlynx/dep_lib/slf4j-api-1.7.36.jar
  inflating: sqlynx/dep_lib/junit-jupiter-5.8.2.jar
  inflating: sqlynx/dep_lib/xmlbeans-3.0.1.jar
```

You can also unzip to the specified directory and unzip the installation package to the

specified directory with the command

unzip <filename> -d <path>

If unzip is not installed, you can execute the following command to install it

yum install -y unzip zip

1.3 Upgrade steps

1. After decompressing the installation package, a folder named sqlynx will be

generated. Execute the command

    cd sqlynx

Enter the file directory

```
        @localhost downloads % cd sqlynx
        @localhost sqlynx %
```

2. Execute the ls command and you can see that there is a devops-maicong-sqlynx.sh

file in the directory.

```
        @localhost sqlynx % ls
Maicong-SQLynx-2.0.0-release.jar              devops-maicong-sqlynx-1.0.0-release-jar-with-dependencies.jar
README_cn.md                                  devops-maicong-sqlynx.sh
README_en.md                                  ext
config                                        lib
data                                          maicong-sqlynx.sh
dep_lib                                        static
```

3. Execute the command ./devops-maicong-sqlynx.sh

```
        @localhost sqlynx % ./devops-maicong-sqlynx.sh
```

4. If it prompts that there is no permission, then execute the command:

    chmod +x devops-maicong-sqlynx.sh

to add permissions

```
        @localhost sqlynx % chmod +x devops-maicong-sqlynx.sh
```

5. After the command ./devops-maicong-sqlynx.sh is executed successfully, the

following information is displayed:

```
[       @localhost sqlynx % ./devops-maicong-sqlynx.sh

Maicong-devops
_____

  1. reset admin password
  2. historical version data migration
_____


Please enter the command [1-2]:
```

6. Enter the number 2 and go to the next step

```
Please enter the command [1-2]: 2
Please enter the old version sqlite file path:
```

7. Enter the path to the sqlite.db file of the old version, for example:

/Users/xxxxxx/.sqlstudio/1.9.0/sqlite.db

```
Please enter the command [1-2]: 2
Please enter the old version sqlite file path: /Users/       /.sqlstudio/1.9.0/sqlite.db
Please enter the current sqlite file path [default is /Users/       /downloads/sqlynx/data]:
```

8. Enter the file directory where the current version of sqlite is located. Just press Enter to next step. The system will use the default value.

```
Please enter the command [1-2]: 2
Please enter the old version sqlite file path: /Users/       /.sqlstudio/1.9.0/sqlite.db
Please enter the current sqlite file path [default is /Users/       /downloads/sqlynx/data]:
```

9. Enter the path to the .sql file that initializes sqlite. Just press Enter to next step. The system will use the default value.

```
Please enter the command [1-2]: 2
Please enter the old version sqlite file path: /Users/       /.sqlstudio/1.9.0/sqlite.db
Please enter the current sqlite file path [default is /Users/       /downloads/sqlynx/data]:
Please enter the init_sqlitedb.sql file path [default is /Users/       /downloads/sqlynx/config/init_sqlitedb.sql]:
```

10. Enter the current version number and press Enter directly to next step. The system will use the default value.

```
Please enter the command [1-2]: 2
Please enter the old version sqlite file path: /Users/       /.sqlstudio/1.9.0/sqlite.db
Please enter the current sqlite file path [default is /Users/       /downloads/sqlynx/data]:
Please enter the init_sqlitedb.sql file path [default is /Users/       /downloads/sqlynx/config/init_sqlitedb.sql]:
Please enter the current version number [default is 2.0.0]:
```

11. The terminal displays as follows, the version upgrade is completed

```
Please enter the command [1-2]: 2
Please enter the old version sqlite file path: /Users/_____/.sqlstudio/1.9.0/sqlite.db
Please enter the current sqlite file path [default is /Users/        /downloads/sqlynx/data]:
Please enter the init_sqlitedb.sql file path [default is /Users/        /downloads/sqlynx/config/init_sqlitedb.sql]:
Please enter the current version number [default is 2.0.0]:
migration is completed
_____@localhost sqlynx %
```

1.4 Verification

Start sqlynx and log in successfully using the old version account. The homepage displays
the data sources configured in the old version, indicating that the upgrade has been
successful.

2. Windows operating system

2.1 Environmental inspection

SQLynx provides two installation package versions with built-in JDK and without JDK. You can choose the installation package according to your own needs. Open the terminal and execute the command to check whether the JDK is installed and the installed JDK version. JDK1.8 or above is required.

Press win + r , enter cmd to open the terminal and execute the command to check the JDK version . JDK1.8 or above is required :

    java -version

```
C:\Users\86152>java -version
java version "1.8.0_102"
Java(TM) SE Runtime Environment (build 1.8.0_102-b14)
Java HotSpot(TM) 64-Bit Server VM (build 25.102-b14, mixed mode)
```

If JDK version 1.8 or above is not installed, you need to download the installation package of the version that comes with the JDK, or install the JDK yourself and then download the installation package of the No-JDK version.

Note: The JDK in the installation package that comes with the JDK only supports AMD64 (x86) architecture. If the server is for other architectures, you need to manually replace the corresponding JDK.

2.2 Upgrade SQLynx software

2.2.1 Download the installation package

Visit the download page https://www.sqlynx.com, select the appropriate software

version, and click to download.
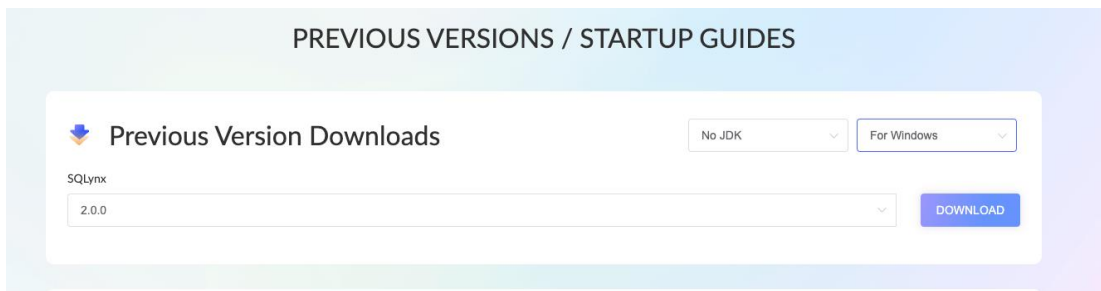
The following steps take the No-JDK version as an example. The downloaded

installation package is named:

sqlynx_enterprise_ win _no_jdk_2.0.0.zip

Note: SQL Studio has now been renamed SQLynx

2.2.2 Decompress software

-Right-click the installation package and extract the installation package to the

current folder.

-You can also unzip it to a specified directory.

2.3 Upgrade steps

1. After decompressing the installation package, a folder named sqlynx will be generated,

enter the file directory.

2. There is a devops-maicong- sqlynx.bat file in the sqlynx directory

3. Double -click the devops-maicong-sqlynx.bat file to run, and the following information

is displayed:

4. Enter the number 2 and go to the next step.

5. Enter the path to the sqlite.db file of the old version, for example:

D:\projects\java-eclipse-projects\testForCompany\SQLStudio\data\sqlite.db

```
Please choose the correct command

Maicong-devops
----------------------------------------
  1. reset admin password
  2. historical version data migration
----------------------------------------

Please enter the command [1-2]: 2
Please enter the old version sqlite file path: D:\projects\java-eclipse-projects\testForCompany\SQLStudio\data\sqlite.db
```

6. Enter the file directory where the current version of sqlite is located. Just press Enter

to next step. The system will use the default value.

```
Please choose the correct command

Maicong-devops
----------------------------------------
  1. reset admin password
  2. historical version data migration
----------------------------------------

Please enter the command [1-2]: 2
Please enter the old version sqlite file path: D:\projects\java-eclipse-projects\testForCompany\SQLStudio\data\sqlite.db

Please enter the current sqlite file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx\\d
ata]:
```

7. Enter the path to the .sql file that initializes SQLite. Just press Enter to next step. The

system will use the default value.

```
Please choose the correct command

Maicong-devops
----------------------------------------
  1. reset admin password
  2. historical version data migration
----------------------------------------

Please enter the command [1-2]: 2
Please enter the old version sqlite file path: D:\projects\java-eclipse-projects\testForCompany\SQLStudio\data\sqlite.db

Please enter the current sqlite file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx\\d
ata]:
Please enter the init_sqlitedb.sql file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx
\\config\init_sqlitedb.sql]:
```

8. Enter the current version number, press Enter to next step. The system will use the

default value.

```
Please choose the correct command

Maicong-devops
----------------------------------------
  1. reset admin password
  2. historical version data migration
----------------------------------------

Please enter the command [1-2]: 2
Please enter the old version sqlite file path: D:\projects\java-eclipse-projects\testForCompany\SQLStudio\data\sqlite.db

Please enter the current sqlite file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx\\d
ata]:
Please enter the init_sqlitedb.sql file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx
\\config\init_sqlitedb.sql]:
Please enter the current version number [default: 2.0.0]: _
```

9. The terminal shows Press any key to continue..., the version upgrade is completed

```
Please choose the correct command

Maicong-devops
----------------------------------------
  1. reset admin password
  2. historical version data migration
----------------------------------------

Please enter the command [1-2]: 2
Please enter the old version sqlite file path: D:\projects\java-eclipse-projects\testForCompany\SQLStudio\data\sqlite.db

Please enter the current sqlite file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx\\d
ata]:
Please enter the init_sqlitedb.sql file path [default: D:\DFFS\SQLynx\software\sqlynx_enterprise_win_no_jdk_2.0.0\sqlynx
\\config\init_sqlitedb.sql]:
Please enter the current version number [default: 2.0.0]:
请按任意键继续. . .
```

2.4 Verification

Start sqlynx and log in successfully using the old version account. The homepage displays

the data sources configured in the old version, indicating that the upgrade has been

successful.