SeedUSoon database connection

This document is meant to help users connect to the SeedUSoon software. SeedUSoon data are stored in databases. When the software starts, users must choose the database they want to access.

Database users must enter their SeedUSoon user login and password, and then select a database. Please refer to section I. Connection to the software (database user) for detailed instructions.

Database admins might want to add, edit or delete the database connections. Please refer to section II. Database connection management (database admin) for detailed instructions.

I. Connection to the software (database user)

Database connections are preconfigured by the database administrators. To connect to a specific database, you must first select it within the dropdown menu. If there is none, or if you do not find the database you want to work with, please contact your database administrator.

| | | User login | | |
|---|-----------------|------------------------|-----------------|--|
| ? | | | | |
| | User login * | | | 1. Enter your SeedUSoon login |
| | User password * | | | - 2. Enter your SeedUSoon password |
| | Database * | database2 | Add Edit Detete | 3. Select the database you want to be connected to |
| | | database1 database2 | OK Cancet | - 4. Press ok |

II. Database connection management (database admin)

The SeedUSoon software needs to establish a connection with a database before opening the interface. To do so, three sets of information are required:

-the database URL (which indicates to the software where the database is stored and accessed) -the database account

-the database password (to grant access to the database)

| | a. A | dd or edit a | database d | connection | |
|---------|-----------------|--------------|-----------------|------------|--------------|
| Step 1: | | | | | |
| To add: | | | | | |
| | | User login | | | |
| ? | | | | | |
| | User login * | | | | |
| | User password * | | | | |
| | Database * | · · · | Add Edit Delete | | Click on Add |
| | | | | | |
| | | | OK Cancel | | |

To edit:

| | User login | | |
|----------------------|---|-----------------|---|
| User Loc User pas | in * | | 1. Select the database connection to edit |
| Databas | e * database2 database1 database2 | Add Edit Delete | 2. Click on Edit |

<u>Step 2:</u>

The following window opens up (please note that for a new connection, fields will be empty):

| Add a new database connection | | | | |
|--|---|--|--|--|
| This functionality is for database administrator only. Please contact him before using it. | | | | |
| Connection name * | connection_name | | | |
| URL * | idbc:mvsql://serverNameOrServerIP:port/databaseName | | | |
| Database account * | database_account | | | |
| Password * | ***** | | | |
| | Ok Cancel | | | |

- **Connection name:** choose a name that refers to this database connection. This is the name that will appear in the dropdown menu; it should be clear, unambiguous and understandable to all users.
- URL: enter the address where the software will send its requests

jdbc:mysql://serverNameOrServerIP:port/databaseName

- **serverNameOrServerIP**: the name or IP of the server that hosts the database
- **port**: the port of the server that is used to communicate with the database
- **databaseName**: the name of the database
- Database account: enter the name of the database account
- Password: enter the password of the database account

b. Delete a database connection

| | | User login | | | |
|----|-----------------|------------|----------------|-----|---------------------------|
| ?> | User login * | | | | |
| | User password * | | | | 1. Select the database |
| | Database * | database2 | dd Edit Delete | | connection to delete |
| | | database1 | | | 2. Click on Delete |
| | | database2 | OK Cane | cel | |