

BEFORE you do anything, create a backup of both databases! I have never used the transfer tool before. It seems to work just fine, but you'll never know...

Preparation

Download the following file <http://www.datacrow.net/hsqldb.jar>

Copy the "hsqldb" jar file to the "lib" folder of Data Crow. Overwrite the existing file.

Assuming you are running under windows, start "start_hsql_manager.cmd" which can be found in the Data Crow main directory.

Starting the HSQL Manager

Enter the following connection information:

Setting name: dc

Type: HSQL Database Engine Standalone

Driver: org.hsqldb.jdbcDriver

URL: jdbc:hsqldb:file:data/dc

User: sa

From the following screen select "Tools > Transfer" to open up the transfer manager.

You'll notice you have to define both the source and the destination database. You can reuse the previous entered values by selecting "dc" from the recent list. You'll only need to change the URL for the source database ie jdbc:hsqldb:file:data/kiddies.

Using the transfer tool

Finally you have arrived in the transfer tool:

The screenshot shows the 'HSQL Transfer Tool' window. On the left, under 'Options', there is a list box containing 'INFORMATION_SCHEMA' and 'PUBLIC', both of which are highlighted. To the right of this list, there are several checkboxes, all of which are checked: 'Transfer to destination table', 'Drop destination table (ignore error)', 'Create destination table', 'Drop destination index (ignore error)', 'Create destination index', 'Delete rows in destination table', 'Alter destination table', and 'Insert into destination'. Below these checkboxes are two more options: 'force Idx_ prefix for indexes names' and 'force FK_ prefix for foreign key names', both of which are unchecked. To the right of the checkboxes is a column of ten empty text input fields. At the bottom of the dialog, there are two buttons: 'Select Schema: Source' and 'Continue Transfer'. Below the buttons is a text box containing the text 'Select correct Schema or load Settings file'.

Setting the options:

- 1 - Press "select Schema: Source" (note that both schema's in the options list have been selected manually!)
- 2 - Press "select Schema: Destination" (note that both schema's in the options list have been selected manually!)

Selecting the data to transfer

After the previous two steps you have can define the data you want to transfer to the destination. You have to change the options for each column (shown in the options list)

The screenshot shows the 'HSQL Transfer Tool' window with the 'Options' tab selected. On the left, a list of source tables includes AUDIOCDS, AUDIOCDSTATES, AUDIOCDTEMPLAT, AUDIOTRACKS, BOOKCATEGORIE, BOOKS, BOOKSTATES, BOOKTEMPLATE, LOANS, MOVIES, MOVIESTATES, MOVIESTORAGE, MOVIETEMPLATE, MUSICFILES, MUSICFILESTATES, MUSICFILESTORA, MUSICFILETEMPL, PERSONS, PERSONTYPES, PICTURES, SOFTWARE, and SOFTWARECATEG. The 'AUDIOCDS' table is selected. The main area contains several options and corresponding SQL snippets:

- Source table:** AUDIOCDS
- ☒ **Transfer to destination table:** AUDIOCDS
- ☒ **Drop destination table (ignore error):** DROP TABLE AUDIOCDS;
- ☒ **Create destination table:** CREATE TABLE AUDIOCDS(LOCATION
- ☒ **Drop destination index (ignore error):** DROP INDEX SYS_IDX_69;
- ☒ **Create destination index:** CREATE UNIQUE INDEX SYS_IDX_69 C
- ☒ **Delete rows in destination table:** DELETE FROM AUDIOCDS;
- ☐ **Alter destination table:**
- Select source records:** SELECT * FROM AUDIOCDS;
- ☒ **Insert into destination:** INSERT INTO AUDIOCDS VALUES(?, ?, ?
- ☐ **force Idx_ prefix for indexes names**
- ☐ **force FK_ prefix for foreign key names**

At the bottom, there are two buttons: 'Start Transfer' and 'Continue Transfer'. Below the buttons is a text box with the placeholder 'Edit definitions and press [Start Transfer]'.

Uncheck "Transfer to destination table" for the tables you DO NOT want to transfer.

Match the settings to the once shown in the image below for table you want to transfer:

The screenshot shows the 'HSQL Transfer Tool' window. On the left, a list of tables includes AUDIOCDS, AUDIOCDSTATES, AUDIOCDTEMPLA, AUDIOTRACKS, BOOKCATEGORIE, BOOKS, BOOKSTATES, BOOKTEMPLATE, LOANS, MOVIES, MOVIESTATES, MOVIESTORAGEEM, MOVIETEMPLATE, MUSICFILES, MUSICFILESTATES, MUSICFILESTORA, MUSICFILETEMPL, PERSONS, PERSONTYPES, PICTURES, SOFTWARE, and SOFTWARECATEG. The 'AUDIOCDS' table is selected. The main area contains several options and text boxes:

- Source table:** AUDIOCDS
- ☒ **Transfer to destination table**: AUDIOCDS
- ☐ **Drop destination table (ignore error)**: DROP TABLE AUDIOCDS;
- ☐ **Create destination table**: CREATE TABLE AUDIOCDS(LOCATION
- ☒ **Drop destination index (ignore error)**: DROP INDEX SYS_IDX_69;
- ☒ **Create destination index**: CREATE UNIQUE INDEX SYS_IDX_69 C
- ☐ **Delete rows in destination table**: DELETE FROM AUDIOCDS;
- ☐ **Alter destination table**:
- Select source records**: SELECT * FROM AUDIOCDS;
- ☒ **Insert into destination**: INSERT INTO AUDIOCDS VALUES(?, ?, ?
- ☐ **force Idx_ prefix for indexes names**
- ☐ **force FK_ prefix for foreign key names**

At the bottom, there are two buttons: 'Start Transfer' and 'Continue Transfer'. Below these buttons is a text box with the placeholder text 'Edit definitions and press [Start Transfer]'.