Song Builder – Installation

If the latest version of Java is not already installed on your computer, download it from ***Java.com***.

The ***Song Builder*** download can be obtained from:

http://code.google.com/p/songbuilder/downloads/list

This will install desktop shortcuts for setting up and running ***Song Builder***. The *Setup* shortcut should be run once and then deleted. The *Templates* shortcut can be used to create song templates which can be imported into ***Song Builder*** to give you a start when creating new songs.

Soundbanks

Song Builder uses the Gervill synthesizer to generate sound. Gervill can use the default soundbank or any soundbank with a *.sf2* or *.dls* extension. Soundbanks can be kept on file or you can use *Soundbanks/Manage Soundbanks* to upload these to the database.

If you play a Pattern and specify the default soundbank, Gervill will search the locations:

- *<Java Runtime location>\lib\audio*.dls and *.sf2*
- *<Windows location>\System32\drivers\gm.dls*

If a soundbank is not found, Gervill will generate one using software.

Backing up your Songs

Use *File/XML Export* to export a song to an XML file or *File/XML Import* to import a song from an XML file. The entire song structure is exported/imported with the exception of any soundbank reference.

The XML file format used here is defined in the ***Song Builder XML Specification***.

Shared Environment *(optional)*

If PostgreSQL is installed on your local machine, or available on your network, and you want to use it as the default database for ***Song Builder*** then you will find configuration templates in

<Program Files location>\Donald G Gray\Song Builder

that you can edit to suit the connection settings for your environment. These files can then be referenced by editing the corresponding parameter values in the ***Song Builder*** desktop shortcut targets.

If you want to use PostgreSQL in a shared environment then ensure that the *pg_hba.conf* file in the PostgreSQL data directory of the database that is to be shared contains the line:

host all all 0.0.0.0/0 md5

If you are using Windows Firewall on a shared machine, then add a port exception for the PostgreSQL database.

Use *Database/Database Connections* to configure a connection to the shared database and to connect to it.

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