

# **I2SQL**

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<b>COLLABORATORS</b>
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<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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# Chapter 1

## I2SQL

### 1.1 Contents

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### 1.2 introduction

This program will only be useful for SQL users who download things from Aminet (or who use Aminet CD). If you're not in that case you should close this document and erase this archive because you don't need it at all.

I2SQL (for Index to SQL) allows you to convert a standard Aminet Index file to a script which can be used with SQL database system, like Oracle or SQLDB.

I programmed it because I didn't want to use grep any more when I wanted to to search something in my Index files.

By the way, I'm a French student so excuse me for my English...

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## 1.3 installation

Copy I2SQL where you want. You can also put an Index file in the same directory if you want. Put also the file I2SQL.Config in this directory.

## 1.4 configuration

To use I2SQL, you will need one or two things :

- An Amiga (you could use it...)
- An Aminet Index : It's a standard Index with descriptions truncated to 42 characters (more or less).
- SQL based software (see @{ "Introduction" LINK Introduction})
- IXEMUL.LIBRARY : It can be found on Aminet or with GCC

I tested I2SQL 1.0 on an Amiga 1200 + 6 Megs (2 Megs Chip + 4 Megs Fast) ↔  
converting  
the Aminet Index from 10-Mar-95 (ftp.cnam.fr).

## 1.5 manual

Manual  
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From CLI : I2SQL [< Index name >] < Table name >

where Index name is the name of your Aminet Index and Table name the name of the SQL table where you want to put Index into.

If Index name is not given I2SQL will work on a file named INDEX in its current directory.

I2SQL has a configuration file. Please note that this file is optionnal. If it's missing I2SQL will use default values (they are in the demo-file). This file contains the size of the 4 first fields, one by line. Numbers smaller than 10 must be preceded by a 0. If you don't respect this rule, and/or you change the file's structure I2SQL will react in a very, very strange way... If you want to know how the file is made just have a look at the one in this archive.

The program will display his work on the standard output. If you want to record conversion in a file you will have to redirect this output to a file (you must redirect output if you use SQL)

Example : I2SQL MyOwnIndex.txt Amy > ImportIndex.sql

Conversion of the file MyOwnIndex.txt in the file ImportIndex.sql

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for the SQL table Amy

For SQL import, here is a command to create a table compatible with I2SQL :

```
create table Amy (Name char(19), Path char(12), Size char(6), Age char(4),  
                  Desc char(43));
```

By the way, to avoid problems, redirect output in a file located in RAM:  
(I2SQL Index.txt Amy > Ram:Import.sql). It will prevent your hard disk from being  
damaged if the program crashes during an execution (I did not have this problem  
on my computer but ...)

IMPORTANT NOTE : Don't redirect output to the file you are converting. You could  
lose your Index file or damage your disk.

## 1.6 disclaimer

This piece of software has been tested on a A1200 .You use it at your  
own risks and I can't be responsible if it destroys your hard disk, doesn't  
work on your Amiga 9000 + 68095 card or has a very strange behavior  
if you don't use it in the right way.

Seriously, I decline responsibilities in case of big problem caused by I2SQL.  
Due to the algorithms I use it can't break anything IF YOU FOLLOW THE INSTRUCTIONS  
GIVEN IN THIS MANUAL. If there is an unclear passage , @{ "contact me" LINK Author ←  
}.

## 1.7 distribution

I2SQL is FREEWARE. But I keep a copyright on it.

You can diffuse it and use it freely if the archive is kept intact  
and if you don't put a virus in it.

Aminet, Fred Fish and Amiga magazines are allowed to include this program  
in their collections (Floppy disks or CD ROM).

Public Domain organisations also have this authorization if the price of the disk ←  
stays normal.

France Festival Distribution WILL NEVER BE ALLOWED to diffuse I2SQL.

## 1.8 history

March 1995	:	Beta Version 1 Version not released
April 1995	:	Version 1.0 Some internal bugs fixed. Initial release.

## 1.9 author

I2SQL has been created by :

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          aniere@fillmore.univ-mlv.fr  
          aniere@univ-mlv.fr (if the 2 others don't work)

You can join me for comments, critics, suggestions and bug report  
(Enforcer Hits are welcome, I don't have MMU!).

I don't know very well how SQL works. So if I2SQL doesn't work don't  
hesitate to tell me what's wrong in the generated file.

I would be happy to work on a converter for another Database Software.  
If you are interested send me a detailed description of the format  
used by the program for the ASCII import or a demo-version (I MEAN  
A LEGAL FREELY DISTRIBUTABLE DEMO, NOT A CRACKED SOFTWARE).

## 1.10 projects

I think I will add the following features :

- Direct file output
- Possibility to choose quantity of fields

And any other suggestion I will think it is interesting and makeable  
(After all I'm just a student and I don't have much free time !)

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