

Amduus Information Works, Inc.

<http://www.amduus.com>

TECHNICAL BULLETIN: 2006221100526

TOPIC:

Use of CLI tools for exporting of Progress schema and data to MySQL with Amduus modifications to Mark Newnham's Pro2myv2 Open Source tool.

DISCUSSION:

The open source tool pro2myv2 has been modified by Amduus to be more UNIX oriented. (It originally was GUI oriented and can still be used in a GUI environment.) This way it can be used from a non-GUI environment and from cron for automatic data exporting and loading from Progress to MySQL.

Attn: This tool requires a developers or query license for the version of Progress it is being used on.

Attn: This tool has been tested for compatibility on Version 8, Version 9, and Version 10 of Progress.

The command `exportschema.bash` is used to export the schema of the database attached to via the `-pf` argument of the script.

It will export the database as `MYSQL_logicalnameofdb.SQL`. This file can be directly imported into a MySQL database cluster via the `mysql` command.

Warning: Any MySQL keywords that might be table, field, or database names in the Progress DB will be prefixed with `x_` on the name.

Arguments to the command are:

<code>-pf pffile.pf</code>	Required	Progress DB connection parameters
<code>-dlc installdir</code>	Required	Directory Progress is installed in
<code>-table [tablename all]</code>	Required	All outputs all tables. A single tablename provides only a table.

```
exportschema.bash -dlc /prg/91e -pf /db/dev/amduus/amduus.pf -table all
```

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The command `export.bash` is used to move data out of the Progress DB and into a (multiple) text file of SQL commands.

Warning: There is code in `ptmd.p` that will issue a `DELETE FROM tablename` which deletes ALL the data in that table before loading. This should not be used for incremental loads without commenting out that line of code. (A switch is planned in coming versions.)

Arguments to the command are:

<code>-pf pffile.pf</code>	Required	Progress DB connection parameters
<code>-dlc installdir</code>	Required	Directory Progress is installed in
<code>-table [tablename all]</code>	Required	All outputs all tables. A single tablename provides only a table.

```
export.bash -dlc /prg/91c -pf /db/dev/amduus/amduus.pf -table all
```

When the command is called with a single table name, an SQL file is made of the dump name of the table as defined in the Progress database with `.SQL` added to the end.

When the command is called with `-table all`, an SQL file is made for each table in the database based on the dump name of the table as defined in the Progress database with the `.SQL` added to the end.

Warning: Existing SQL files will be written over.