

Quadrant RASWIN Release Notes – 12/28/2014 – Version 1.0.4528 or later

1. To Download the updated setup program use this link:

www.quadrant-systems.com/downloads/raswin_setup.exe

Some new functionality (described in a later paragraphs) requires that the full setup program be run to give access to these functions.

Note that the above link is all lower case. We recently switched our web hosting from a Windows server to Unix/Linux and unfortunately file names are case sensitive in the Unix world.)

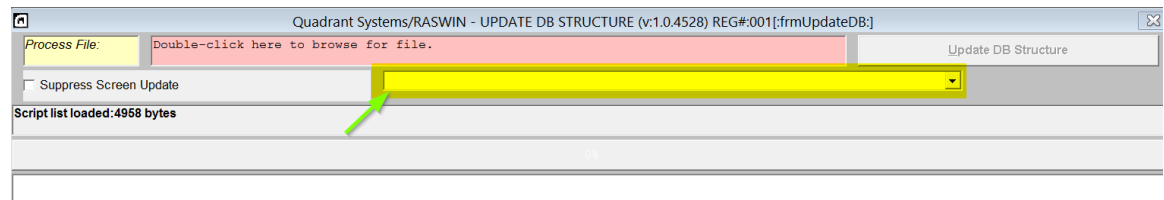
2. If you are using PCCharge credit card processing you MUST the setup program on each workstation processing receipts and credit cards.

There is a script you will need to run to update certain tables used by the PCCharge interface module. To use the directions below your workstation must have internet access.

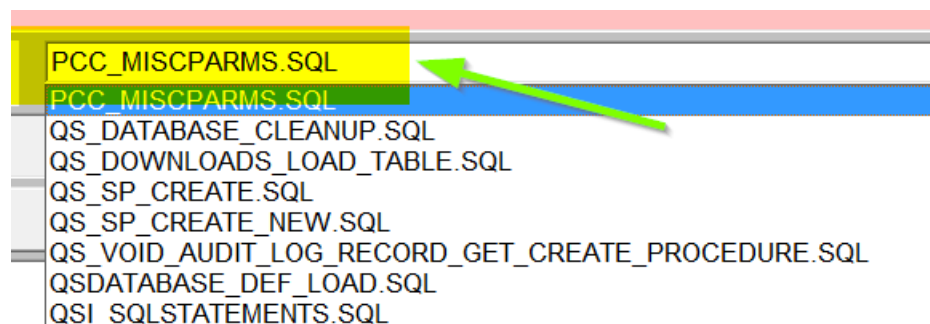
Follow these steps:

Select Maintenance→Update Database Structure

You will see a drop down list just below the file name entry box at the top of the screen. (Here it is highlighted in yellow, but your screen will be white.

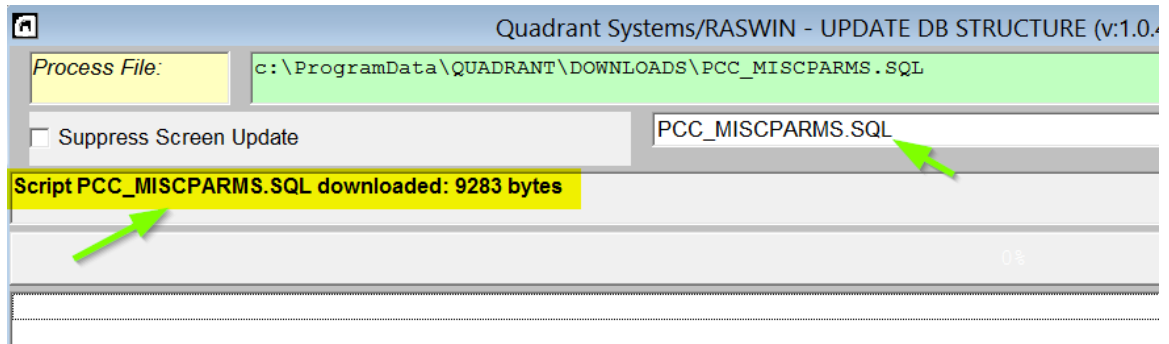


Place the mouse cursor in this area (the list will then drop down). Press P to go to the entries that start with P and you will see this:

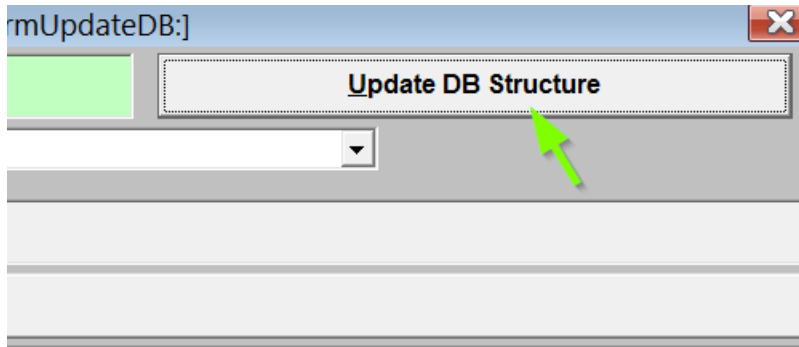


When this appears, just click on the red file name area just above the drop down

list. As soon as you click on the red area, the name of the script in the list will be downloaded directly from our FTP file area and copied to a local file in the downloads area.



It will show the number of bytes downloaded and when the file is fully ready the UPDATE DB STRUCTURE button will be enabled on the top right side of the screen.



Just click on this button and the script will run.

We believe the issue with PCCharge rejecting our requests for charge authorizations was due to a typo in the script. When we switched the program to use these templates there was one xml tag that had this issue in the opening tag:

```
<XML_FILE><XML_/REQUEST>
```

which caused PCCharge to be unable to read the request file properly. The script has been corrected so the opening tag now looks like this:

```
<XML_FILE><XML_REQUEST>
```

A second change was made in the way we place the request file into the directory where PCCharge looks for it. PCCharge continually looks for the presence of the

request file, e.g., USER1.INX (or QUAD1.INX) in the active-charge directory. When it sees this file has come into existence it opens and reads it. In earlier versions we created (opened) the file for writing, wrote the data, and closed the file. The fastest possible method (file streams) was used for this purpose, but it is possible that PCCharge saw the existence of the file before it was fully written, and when it tried to read from it the file was not fully written and closed. Therefore, we now open the file to write, place the data in it and close it to a temporary location, then copy it to the PCCharge directory to remove any possibility that PCCharge would try to read it before it was fully written. The request file is very small; just a hundred bytes or so.

3. Please don't run any other scripts unless Quadrant Support indicates that they are required.

In our testing, downloading these script takes just a few seconds at most. This method is far less trouble than having us email the scripts to you, then saving them on your local drive, and running them manually, though that can be done in the event that you do not have direct internet access on you're a Quadrant workstation.

4. We recommend that **all** other workstations all get the update for the functionality described related to exporting and sending of table data, see below.
5. The Setup program will now install the open source zip utility called 7Zip. It will also place a 'command line' tool called 7za.[exe](#) and 7z.[dll](#) into the c:\[programdata](#)\quadrant directory.

When you export your table data or chose the option to send your [logfiles](#) to Quadrant the program will look for these files and if they are present it will create zip files containing the logs and tables and then use the standard Windows [FTP.EXE](#) program (present on all standard Windows machines) to send the files to our web site. The files will be in the 7z format, and encrypted with a password.

The FTP process assumes that your firewall is not blocking FTP transfers, which we have no way to know until it tries. If it is blocked, then you will need to manually email the files to us. They will be located in the c:\[programdata](#)\quadrant directory and will have the 7Z file name extension.

Zipping the files this way is very fast and reduces the size of the files to be transferred by a significant amount.

The FTP password is determined by the program via use of a MISCPARM value called UPLOAD-FTP-USERNAME. This user name is a '[passphrase](#)' we have assigned (must be less than 14 characters long, all letters) associated with a

specific upload area on our web site. When the upload is performed the RASWIN program will use this [passphrase](#) to generate a specific password and then use this password to gain access to the FTP upload area. The initial UPLOAD-FTP-USERNAME we are using is 'UNDERMYTHUMB' (remember, this is not the password). From time to time this value will be changed and the setting in UPLOAD-FTP-USERNAME will need to be changed to match the new FTP user name.

When your files are uploaded they will be sent to a sub directory containing only your files.

As part of the upload process the system will also try to send an email to us indicating that files have been sent to the FTP server on our web site. (this email is actually sent via [Gmail](#) using our own [Gmail](#) account) and has thus far worked fine at client sites where we've implemented this feature. Previously when you sent the files we got no automatic notification of any files actually being sent.

6. The logic used to present the list of payment methods on the payment entry screen has been adjusted a little bit. You have the option to present the list of valid methods to the user in one of three different sequences:

Method
Description
Payment Type Code

This option is set in the MISCPARMS (payment settings) Table, MISCPARM key value PMT-TYPE-SORT-ORDER-VALUE. The setting options are M, D, or P

The standard (default) sequence will be by method (m)

For example if you had these methods defined:

Method	Description	Pmt Type Code
CASH	CASH	3
CC	CREDIT CARD	1
CK	CHECK	7

and the default value set to D.

The methods would be displayed in this order (sorted by Description)

CASH	CASH	3
CK	CHECK	7
CC	CREDIT CARD	1

if the value was set to P (Payment Type Code)

The methods would be displayed in this order

CC	CREDIT CARD	1
CASH	CASH	3
CK	CHECK	7

Special logic has been added to insure that a single method can't appear in the list of methods presented to the user (which as happening for some reason in a recent release).