



The Inside Track

Frequently asked questions, tech tips, & problem reports for users of Thoroughbred Software Products

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Thoroughbred *Basic*[™]

Q Why is my *Basic* 8.4.x restricted after restoring a backup?

A The *Basic* security file is out of sync with the Operating System. The only methodology to reset the *Basic* security is to reinstall the *Basic* itself. After verifying that no one is in Thoroughbred *Basic*, remove the security file "/usr/lib/basic/tbredbas.84" in the UNIX flavor environments and "tbred84.bas" in the Windows 95/98/2000/NT environments. Reinstall the *Basic* from the original Thoroughbred media by selecting the correct option in Windows or running "./install -n" in UNIX.

Q How can I remove the Ctrl-X and Ctrl-B functionality for some of my users?

A To remove the Ctrl-X functionality, make a copy of the terminal table for the users involved. Using 8NPSD or *NPSD, change the value for the "*Basic* Escape Code" in the table to "00". This will disable Ctrl-X functionality. Activate this new terminal table for all the users you don't want to have access to Ctrl-X in *NPSD. To disable the Ctrl-B capability, modify the IPLINPUT file for the users you wish to restrict access. Add the following line among the other PRM lines: PRM Quit=0. Also remove any "PRM DEBUG=..." lines from the IPLINPUT file.

Q I am running SCO UNIX 3.2 v 5.0.5 with OPENworkshop[™] and Solution-IV[™] 8.41r2. Why am I receiving an Error 103 trying to read from the Class Code file ARDCL034?

A The Error 103 is an Unexpected Operating System Error. The first debugging step is to escape out when you receive the error and type in **PRINT TCB(3)**. This will return the Operating System error associated with the Error 103. Next, review the error listing file, which on UNIX is "/usr/include/sys/errno.h". This may lead you to the real problem. An Operating System Error example might be a "5", which is a UNIX I/O Error. The next step would be to eliminate *Solution-IV* as the cause by seeing if you can read through the file in *Basic* Console Mode. If you receive the same problem there, then most likely the file has become corrupted. You can then make the decision to restore the file or attempt to rebuild it using *Basic* READ and WRITE commands.

Q I just upgraded from Thoroughbred *Basic* on a UNIX server to Thoroughbred *Basic* on an NT server with Windows clients. The problem that I am running into is that the printers we use for the reports, invoices and checks are installed on the NT server and when I print from a workstation, the printout goes to a local printer attached to the PC. How do I reconfigure Thoroughbred so that the printouts are sent to the NT printers and not the client printers?

A The printer configuration all takes place in the IPLINPUT file. For network printers you simply place the server\printer name at the end of the device line, such as:

```
DEV LP,4,,,,,\machinename\printer_sharename
```

A second option would be to send all the printouts to the Windows Print Manager and select the printer using the standard Windows Printer selection routine. An example IPLINPUT device line to do this would be:

```
DEV LP,4,,,,3,,LPT1
```

Q How can I debug an error I am receiving in a *Report-IV*TM report?

A You can put an escape in the report, recompile and run it.

Place the following line in the ENTRY-SECTION:

I101 ESCAPE

This code will cause an escape in the report before any of the following code within the report executes. When you receive the ">" you can trace through the report as it runs using "." and **CR** or ";" and **CR**.

Q I have many data records that have the "#" sign as part of the data. How do I get *Report-IV* to not recognize this as the page number?

A You can change the page number character in the report by issuing the following command:

ENTRY-SECTION:

I101 /P=# !where "#" is the new character you wish to use.

Q I am creating a report that uses many *Basic* variables. Are there any that I should avoid using that are used by *Report-IV*?

A We suggest using 4GL variables (those defined in Formats or DN lines within *Report-IV*) whenever possible, but the following is a list of 3GL variables that you can use within Report that will not affect its functionality:

Alphanumeric Variables:

U0\$, U1\$, U2\$, U3\$, U4\$, U5\$, U6\$, U7\$, U8\$, U9\$

V0\$, V1\$, V2\$, V3\$, V4\$, V5\$, V6\$, V7\$, V8\$, V9\$

W0\$, W1\$, W2\$, W3\$, W4\$, W5\$, W6\$, W7\$, W8\$, W9\$

Numeric Variables:

U0, U1, U2, U3, U4, U5, U6, U7, U8, U9

V0, V1, V2, V3, V4, V5, V6, V7, V8, V9

W0, W1, W2, W3, W4, W5, W6, W7, W8, W9

Q In designing a report through *Query-IV*TM, I am having difficulty understanding how *Query-IV* is building the EQL statement and I would like to be able to add/subtract items manually from the query.

A Manual modifications can be made to the *Query-IV* EQL statement through the "EQL Command Language" window off the *Query-IV* main menu. You can start building the Query by using the framer (the first 7 options on the *Query-IV* main menu) to build the initial query, then select the **EQL Command Language** option from the menu. After generating the EQL command from the framer by pressing **F9** in the window, you are now ready to make the desired manual changes. This Query should be run from the EQL Command Language window using the **F3** key.

A reminder: Once changes are made in the EQL Command Language window, the Query should not be executed using option 7 in the framer, which will execute the query based only on the options selected in the framer.

Another option, if you are still having difficulty, is to build the query either through the framer or the EQL Command Language and save it. Go to the *Report-IV* option in IDOL-IV Definition Maintenance and add a new report with the same name as the query that you just saved. IDOL-IV will advise you that a query with the same name as the report definition was found and allow you to either create the *Report-IV* report based on the query or create a new *Report-IV* definition. You can then create the *Report-IV* report and make manual modifications to it.

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