



Jeff-Net Table Configuration Utility (JNTCU) Technical Documentation



JEFF-NET TABLE CONFIGURATION UTILITY



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OVERVIEW

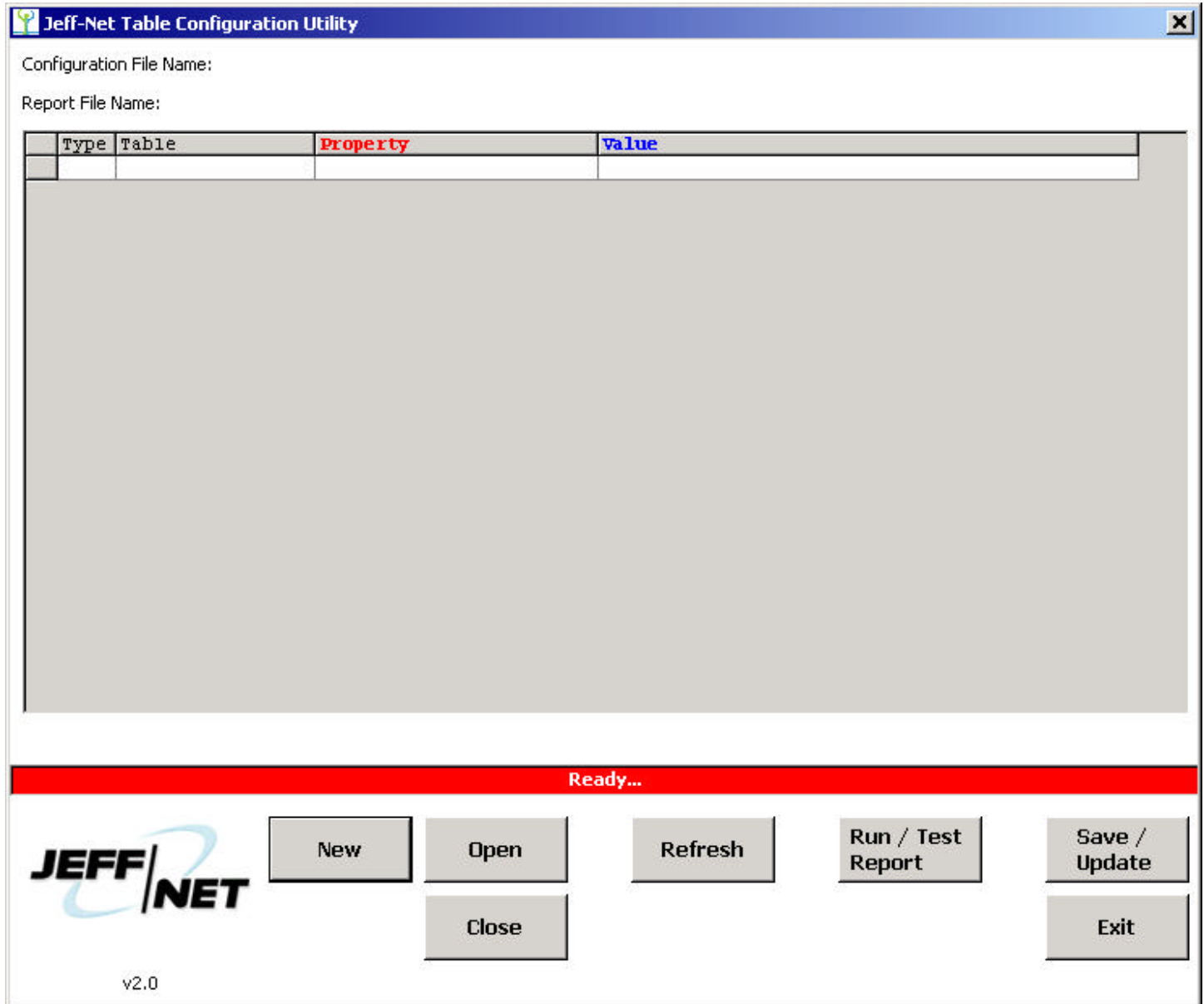
Jeff-Net Table Configuration Utility (JNTCU) is an optional database/table connection utility to be used with Jeff-Net products (Report Runner Viewer and Report Runner Batch). Here's the best thing about it; it's completely transparent to the end user. JNTCU allows you, the Report Runner administrator to define a configuration file that tells our products, specifically, what DSN to use with specific tables, what ID and password to use with specific tables, and it's defined per report.

Our base Viewer and Batch products allow for the defining of one DSN and one ID/password combination. JNTCU changes that. So, the easiest way to explain how to use the utility (and it's very easy), is to show you what the screens look like for the utility how to use them. Following are some screen shots of the product. After taking a few moments to review them, we'll continue on with a few more points.

One note before continuing... the use of this utility is, in general, meant for the more programming type of user. If you are a programmer and/or understand fairly technical things, AND have worked with Crystal Reports for a while, we believe you'll find this utility pretty easy to understand.

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SCREEN SHOT EXAMPLES




Jeff-Net Table Configuration Utility

Configuration File Name:

Report File Name:

Type	Table	Property	Value
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Ready...

 New Open Refresh Run / Test Report Save / Update

Close Exit

v2.0

Screenshot Without A Report Or Configuration File Open



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Jeff-Net Table Configuration Utility

Configuration File Name: C:\CURRENT PROJECTS\JNTCU\TEST\JNTCU.JEF
Report File Name: C:\CURRENT PROJECTS\JNTCU\TEST\JNTCU.RPT

Type	Table	Property	Value
M	M-Employees	DSN	SS_RDL_NORTHWINDjeff
M	M-Employees	User ID	jeffrodgers
M	M-Employees	Password	001168001017001104001024001028001017001063
M	M-Employees	Database	Northwind
S	S-SALES	DSN	C:\CURRENT PROJECTS\SAMPLE BURSTING DB\jnbursttng.mdb
S	S-SALES	User ID	Admin
S	S-SALES	Password	001037001105001055001162001153001147001171000987
S	S-MARITAL	DSN	C:\crwork\EMPLOY00.MDB
S	S-MARITAL	User ID	Admin
S	S-MARITAL	Password	

Ready...

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New Open Refresh Run / Test Report Save / Update
Close Exit

JNTCU Screenshot Showing Database Connection Options Available

Note: This particular test report has one SQL Server table, and two subreports that connect to Access. The SQL connection and one of the Access tables have a need for a user ID and password. The 2nd Access table does not.



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Preview

Nancy	Davolio
Andrew	Fuller
Janet	Leverling
Margaret	Peacock
Steven	Buchanan
Michael	Suyama
Robert	King
Laura	Callahan
Anne	Dodsworth

Emmons, Alice A.	\$20,000.00
Ridgeley, Alfred C.	\$90,000.00
Seward, William D.	\$25,000.00
Tarden, Danny	\$33,000.00

M	Married
S	Single
D	Divorced

Report Runner Viewer Screenshot With TestJNTCU.RPT Being Viewed

NOTE: On the title bar, you see that the report is using the JEF file "(testjntcu.jef)" that was defined earlier



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Ok. Now that you've had a chance to review the images, here are a few more notes and explanations.

BUTTONS

- **New** – Create a new JEF configuration file. Clicking on this allows you to select a report to open and configure. When you open a report the first time, the JEF file is created (even if you don't save it). It is saved by default, and this can not be changed. To remove a JEF file, simply go to the report directory when the report is installed and delete the JEF file.
- **Open** – This allows you to select a previously configured JEF file, open it, and modify it.
- **Close** – This closes out the current JEF file you are
- **Refresh** – This will delete the current JEF file and (re)build a new JEF file. You would need to do this if your report changed. Note, you will LOSE your previously defined settings in this file when it is refreshed.
- **Run/Test Report** – This runs the report with the JEF file you have built. You can do this to verify all of the data connections you set up are correct. If it works here, it will work in either the Viewer or Batch products.
- **Save/Update** – Save any changes you made to the JEF file.
- **Exit** – Exit the utility.
- **Add Fields** – These have been removed starting with v2. They are no longer needed.
- **Delete Current Record** – This has also been removed in v2. It is no longer needed.

THE JEF FILE

The JEF file is stored automatically in the same location of the RPT file it is based on. As mentioned before, if the JEF file exists with the report, it will be used automatically, by our products, to connect the report to its database(s). When our products use the JEF file, any other *database* settings previously set up, either in the Viewer or Batch products, are ignored. If the JEF file is with the report, our products use it automatically. There are no other settings required.

USER IDS, PASSWORDS, AND DSNS

If the utility lists out ten tables, you will more than likely (but not always) see ten user IDs, passwords, and DSN connections. The password for each table will be blanked out (empty). You will have to enter the password for each user ID, even if it is the same for each one. Note, after you enter the password, it will be saved in an encrypted format. The reason you have to enter it each time is, and this is the reason for the utility, if you have multiple tables, there are times that they come from different databases and require different IDs and passwords. This utility allows you to enter, if you wanted to, a different ID, password, or DSN for each table. I'm sure you're aware of this already, but just for the sake of being clear, any DSN that you assign the report, must be available on the end user's PC running the report.

SUBREPORTS

Subreports are a big reason this utility was created. Now, you can set up separate database connections for subreports, too. When you open a RPT file and the connection settings are listed in the utility, under the Type column (and beginning of Table column), you will see an 'S' for subreports and an 'M' for the main report.



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FILE FORMAT

The file format for the JEF file is an XML file format. We don't recommend editing the file outside of JNTCU, but you can do it. We can not provide tech support for these outside modifications, but our products will use the updated JEF files just fine if done correctly.

THANK YOU FOR BEING A JEFF-NET CUSTOMER