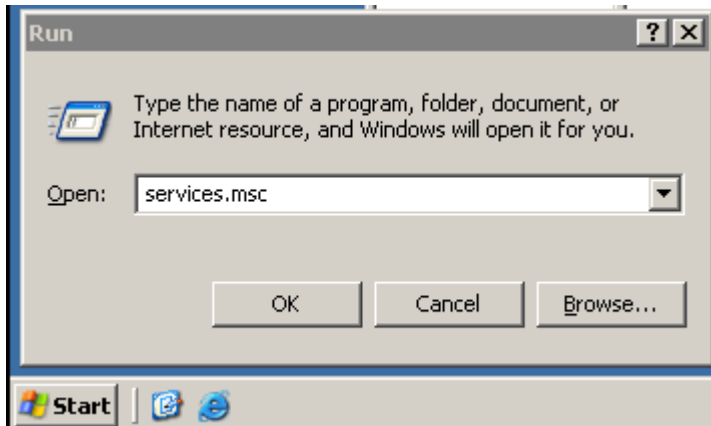


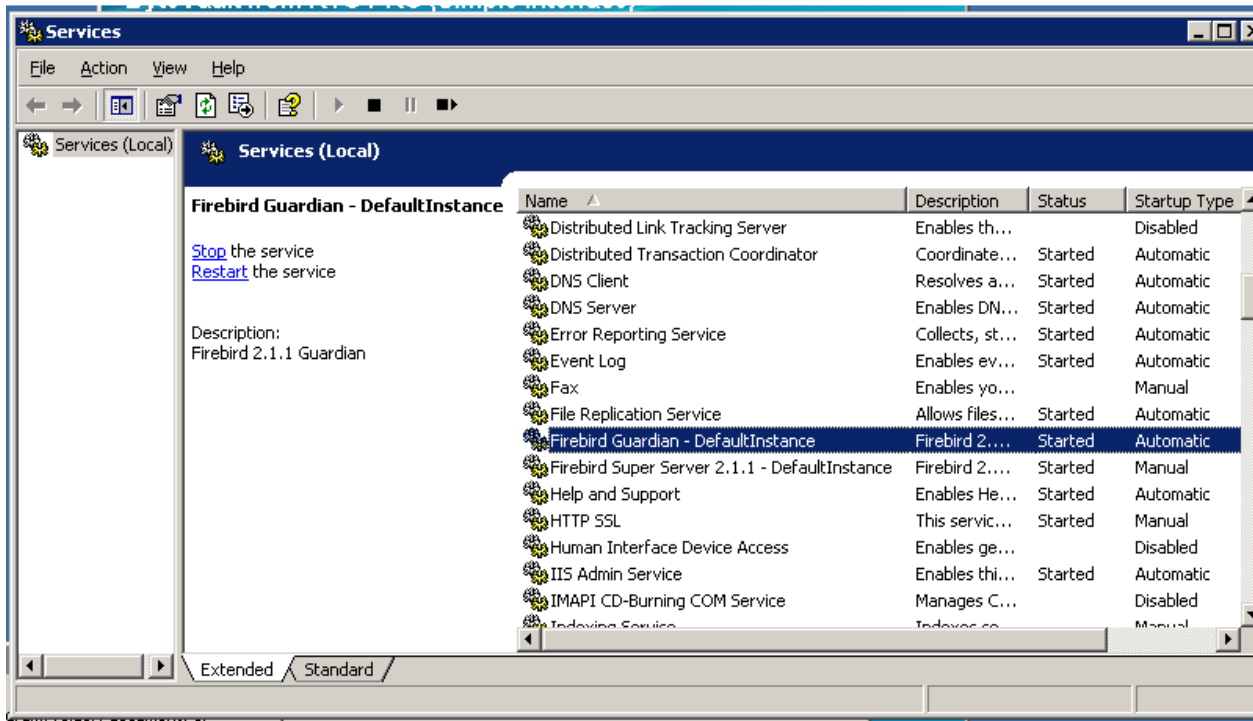
Restoring your RTO Pro Database will take a few steps. These steps are required to properly restore your data.

Step 1.) Stop the Firebird Services

Click start, then RUN to bring up the RUN window. Type Services.msc in the box and click OK.

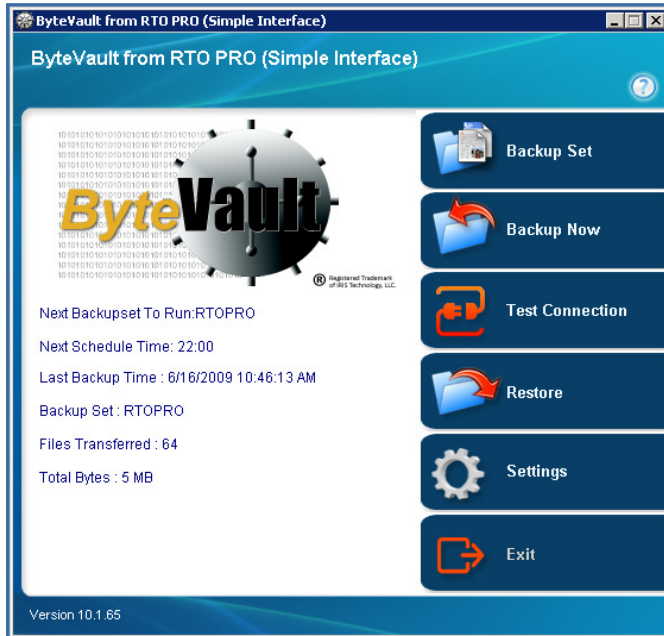


In the Services window, locate the Firebird Services. Right Click Firebird Guardian –Default Instance, and click Stop. Next, right click the Firebird Super Server 2.1.1 –Default Instance and click stop.

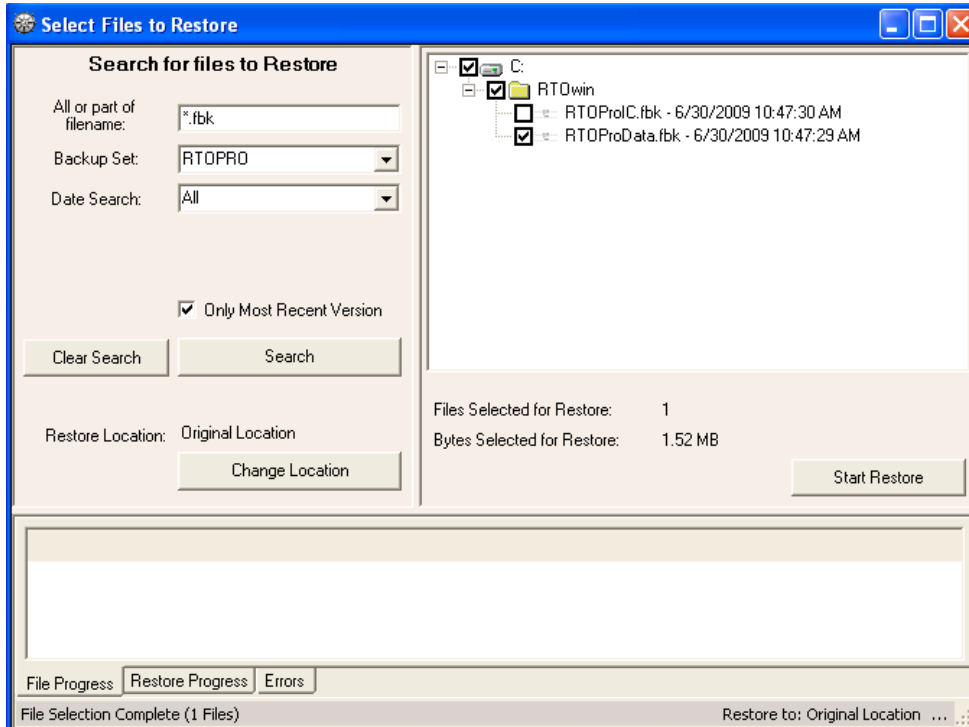


Step 2.) Restore the Database file

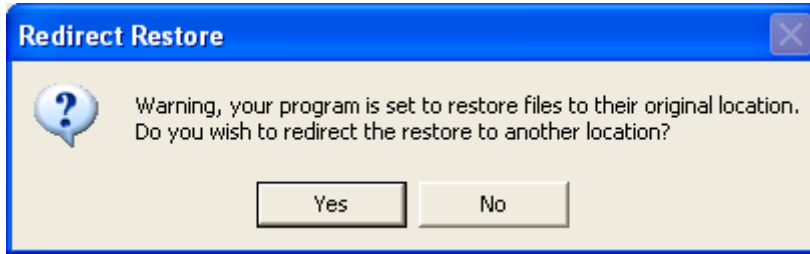
After the services are stopped open ByteVault. Click Restore.



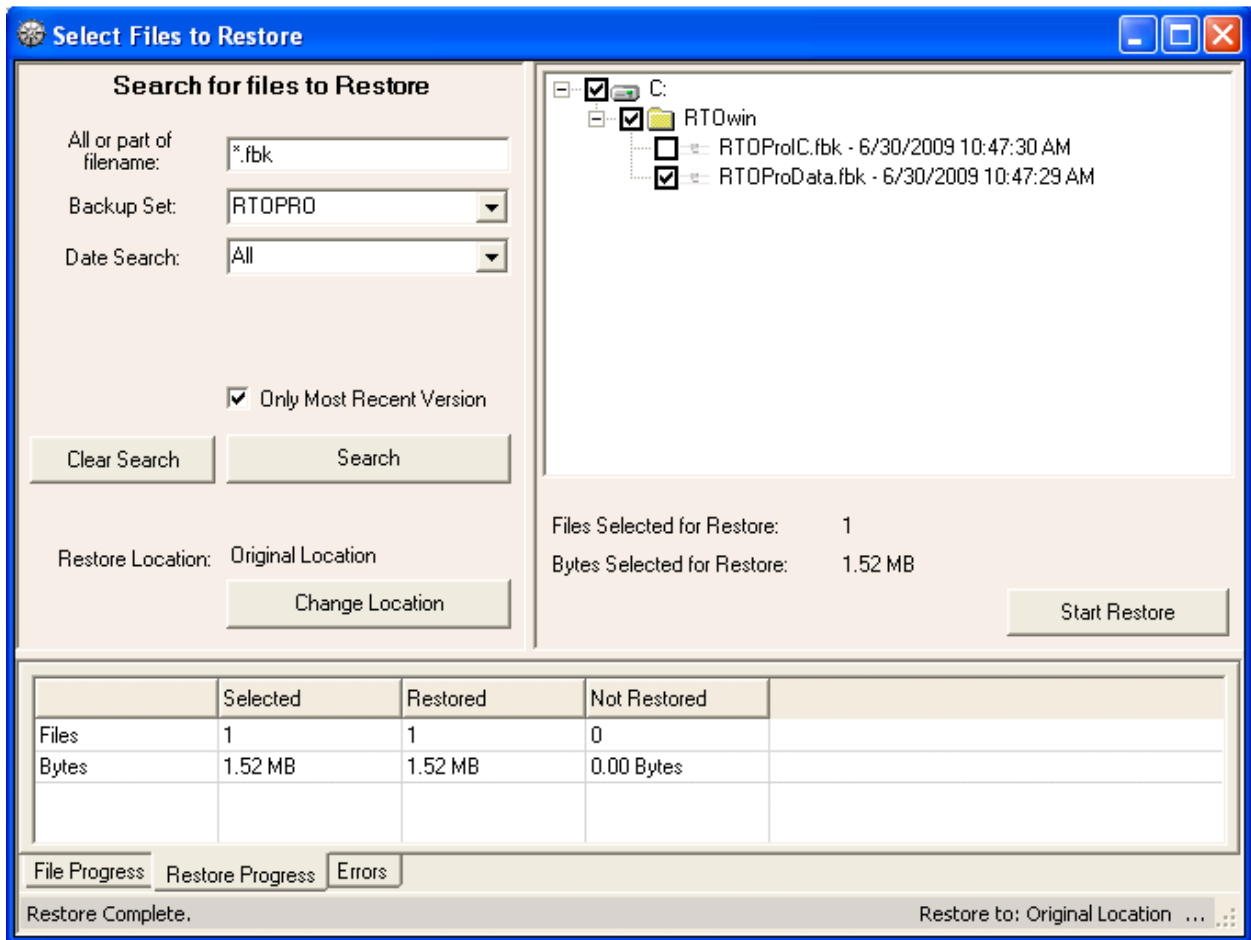
In the Select Files to Restore window type *.fbk in the first box. Next select the RTOPRO Backup Set then click Search. In the Right window select the RTOProDATA.fbk file. Click start restore.



Select “No” on the following message window. You do not want to redirect the file to a different location.



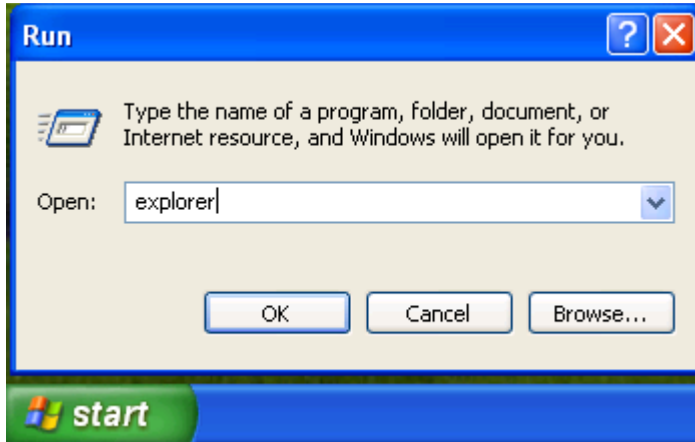
The restore will continue.



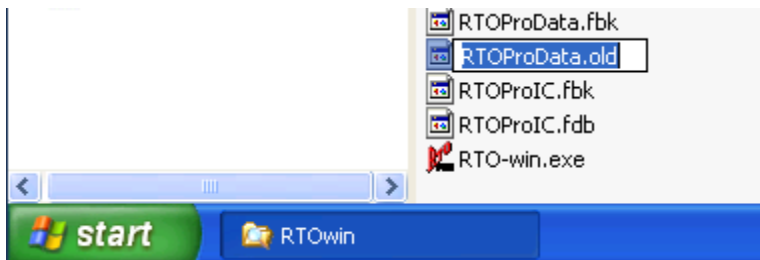
After the Restore is complete, please close ByteVault.

Step 3.) Rename Files

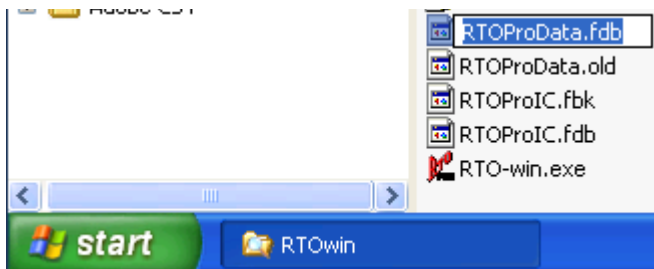
Next Click Start, then Run, Then type Explorer in the box and hit Enter.



Locate the RTOWin folder. In the RTOWin folder locate the RTOProData.fdb file. Right click the RTOProData.fdb file, and click Rename. Rename the RTOProData.fdb file to RTOProData.OLD.



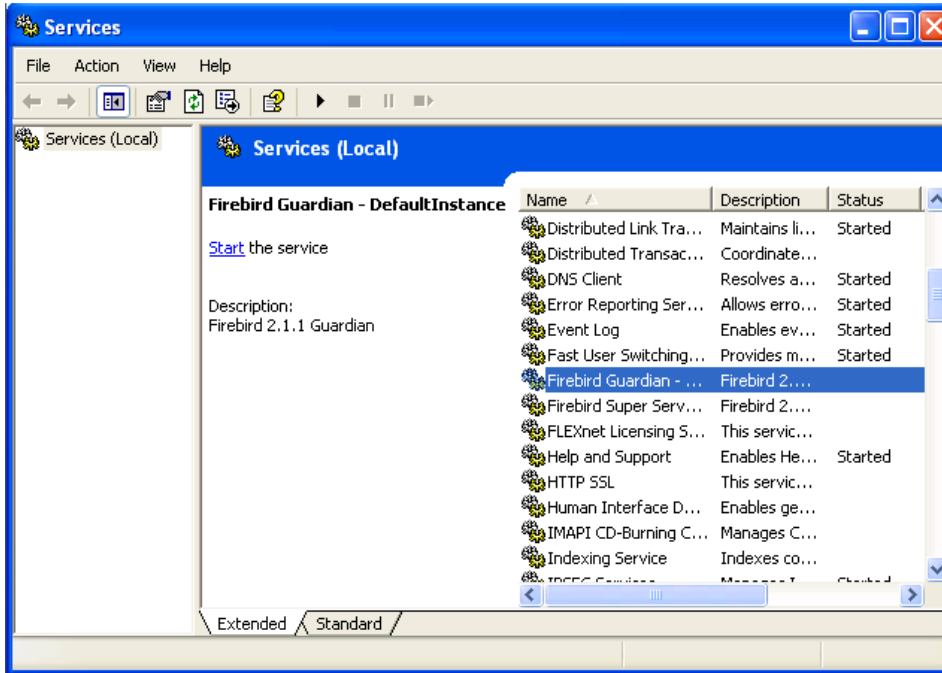
Then locate the RTOProData.fbk file. Right Click the RTOProData.fbk file and click rename. Rename the RTOProData.fbk file to RTOProDATA.fdb



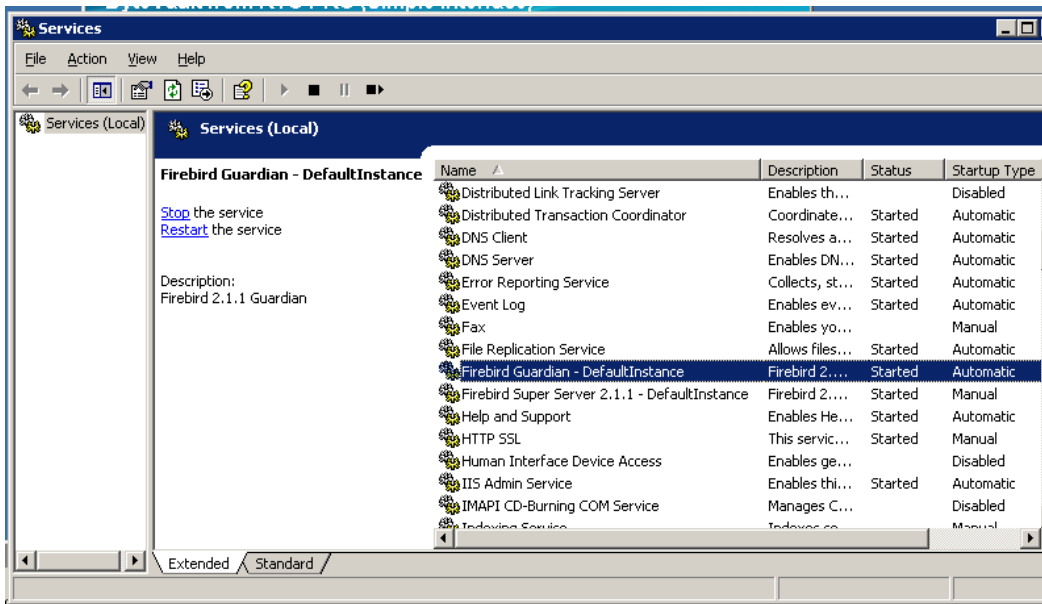
After you have renamed the files you can close the Explorer window.

Step 4.) Restart the Firebird Services

Right click the Firebird services and select Start.



After the services have started close the Services window.



You have now restored the RTO Pro database.



Explanation:

The reason you must shutdown services and rename files in order to properly restore the database is that without doing so, your database would likely be corrupt. During normal operation of your RTO Pro software the Firebird services manage the records in your database. When a backup job is performed through ByteVault, those services are temporarily stopped, the data is copied to .fbk files and the services restarted before the backup job begins. This is the best way to ensure that a clean backup of your data is stored as part of the backup job.

FDB files:

The .FDB file is the database file within your RTOwin directory. ByteVault does include backing up the .FDB file as part of the backup. However; it is not recommended that this file be used when restoring the database. This file is backed up with the Firebird services running so this file may not be free of corruption. That is why the services are shut down and a copy is made called .FBK, prior to each backup.

If you have any questions about the restoration of your data or the use of this guide, contact IRIS Technology.



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