

Protecting your valuable data from loss is very important. Regular timely backups of the data ensures that you can recover data when it is required due to hardware failures, deletions or corrupted files.


There are three options for backups available in QW6:


1. QWAdmin – Applications Maintenance
2. Using the QWAdmin QW6Backup Utility
3. Automatically performing timed Backups using QW6Backup and the QW6Scheduler Utility


1. QWAdmin – Applications Maintenance

In the QW6Admin module when structure modifications are made to an application, (example the addition or deletion of variables), an archive of the application is automatically created prior to the modifications. It is saved by default in the QWArchive directory below the current QW6 application directory. The archive file will have the name of the QW6 Applications that was modified along with the date and time of when the archive was created with a file extension of QWZ.

C:\Busitech\QW6\Sample Applications\QWArchive

 Process Monitoring_2022-06-01-08-58-41.QWZ

 Process Monitoring_2022-06-01-10-16-47.QWZ

 Process Monitoring_2022-06-03-16-05-22.QWZ

This option only provides a Backup when a structure change is made to an application. If the last change was made week ago it is not a very timely option.

QWAdmin QW6Backup utility

The QW6Backup utility is available through an Icon in the QW6Admin module with the Restore Icon right beside it. The QW6Backup Utility can also be found in the directory where the QW6 software was installed...typically C:\Program Files (x86)\Busitech\QW6.

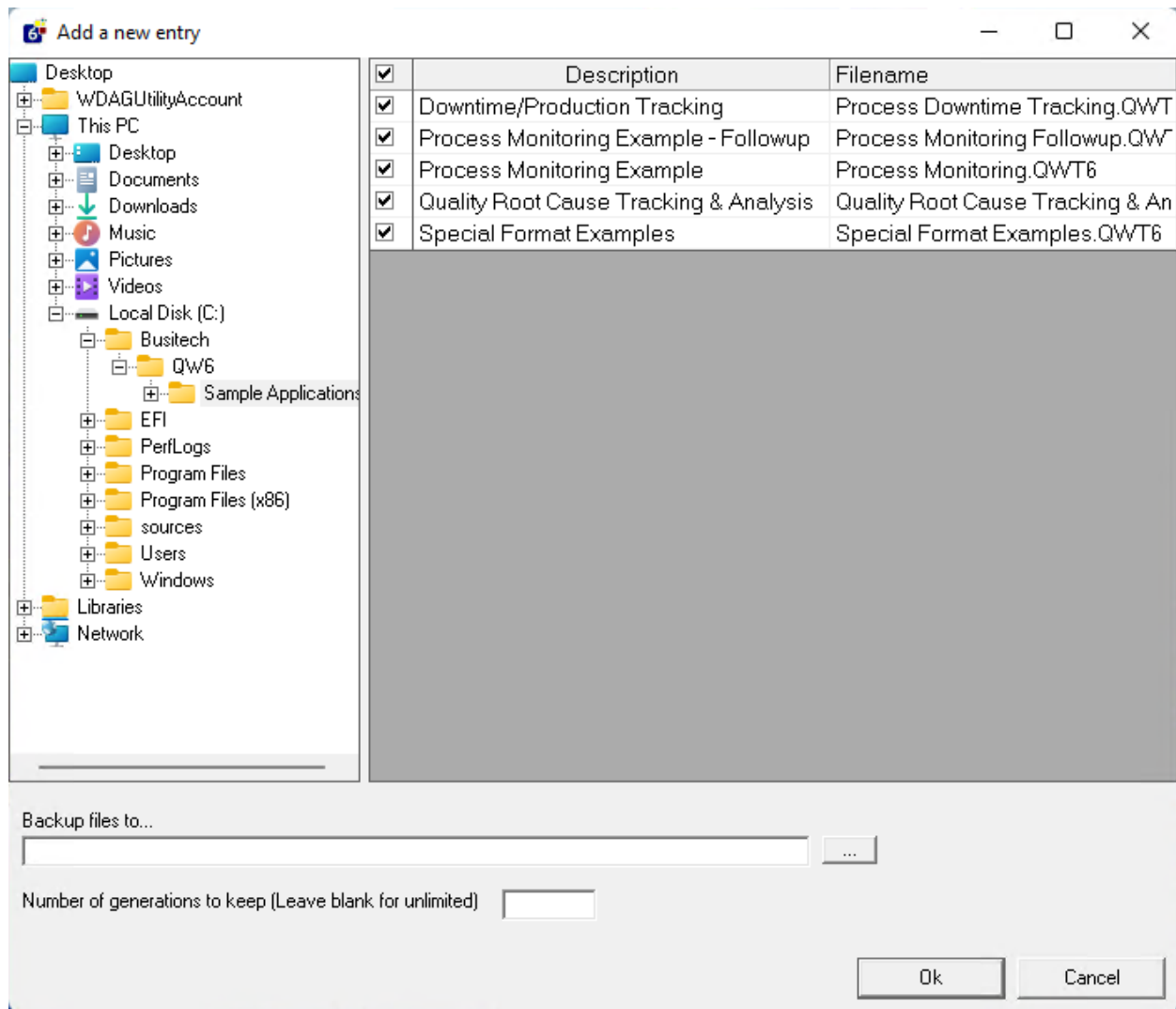


Select the Backup Applications icon from the QW6Admin module by clicking on it.



Select Add and navigate to the directory that contains the application to be backed up and select the application(s) you wish to backup.

Backing up Applications in QW6

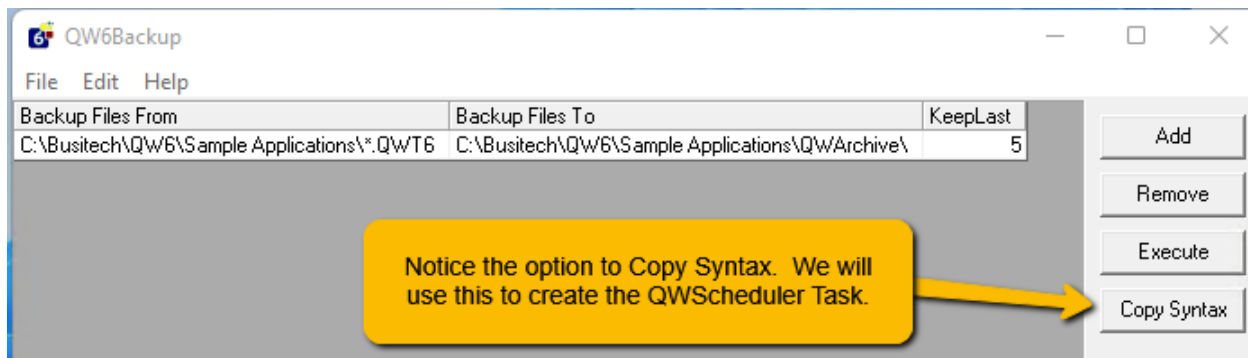


Next, select the location where the Archive files are to be stored. QW6 will typically store the archive files in a directory called QWArchive directly under the QW6 Applications directory. You can select and or create a different directory.



Set the Number of generations to 10 or more to make sure you don't overwrite a backup before you discover there is a problem.

Select Ok when you finished.



You can now save the QW6Backup procedure for future use and select each time you wish to perform a backup.

This option does provide a complete backup of the selected applications but you have to remember to select the Backup to be performed.

Automatically performing timed Backups using QW6Backup and the QW6Scheduler Utility

This option will combine the use of the QW6Backup utility and the QW6Scheduler Utility to provide an unattended automatic backup of the selected applications.

Open QW6Admin on the server and select QW6Schedule...if it is already running on the server then look in the system tray to find the QW6 Icon for QW6Schedule. You can hover your mouse pointer over the icons in the system tray to find the one for QW6Scheduler. Click on the Icon to open QW6Scheduler.

Click on File and select Add new Scheduled Task

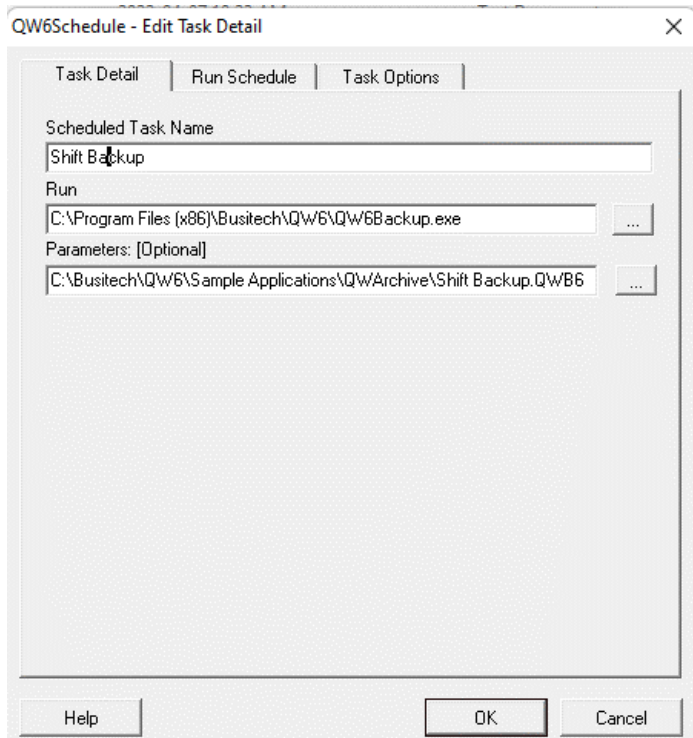
Give the task a name – EX: Shift Backup

In the Run command use the ... to the right to navigate to the QW6 Program directory ...typically C:\Program Files (x86)\Busitech\QW6 and select the QW6Backup.exe module.

In the Parameters window use the ... to the right to navigate to the location where you saved the Backup Command file and select the file. If you still have the QW6Backup window open go to that window and select Copy Syntax and paste into the Parameters window.

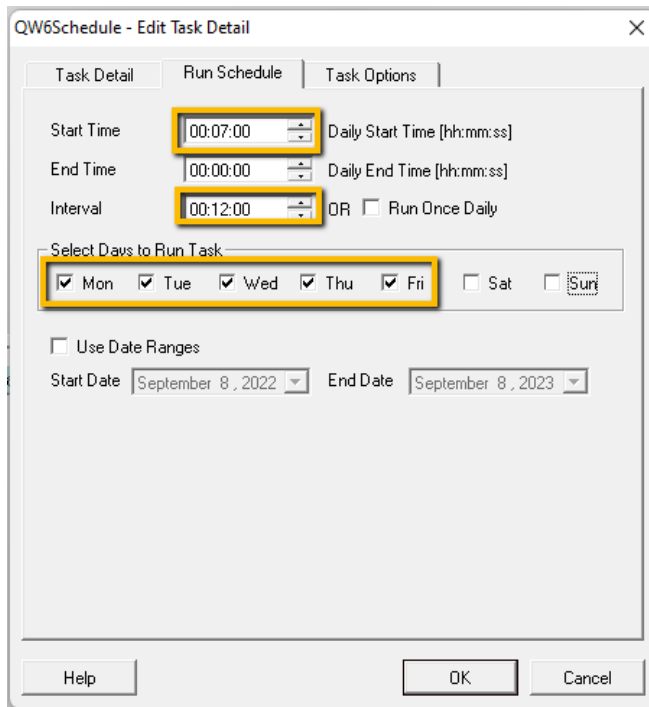
It should look like this:

Backing up Applications in QW6



Now Select the Run Schedule tab at the top.

I set this example to run at 7am and every 12 hours Monday to Friday (12 hour 5 day operation)

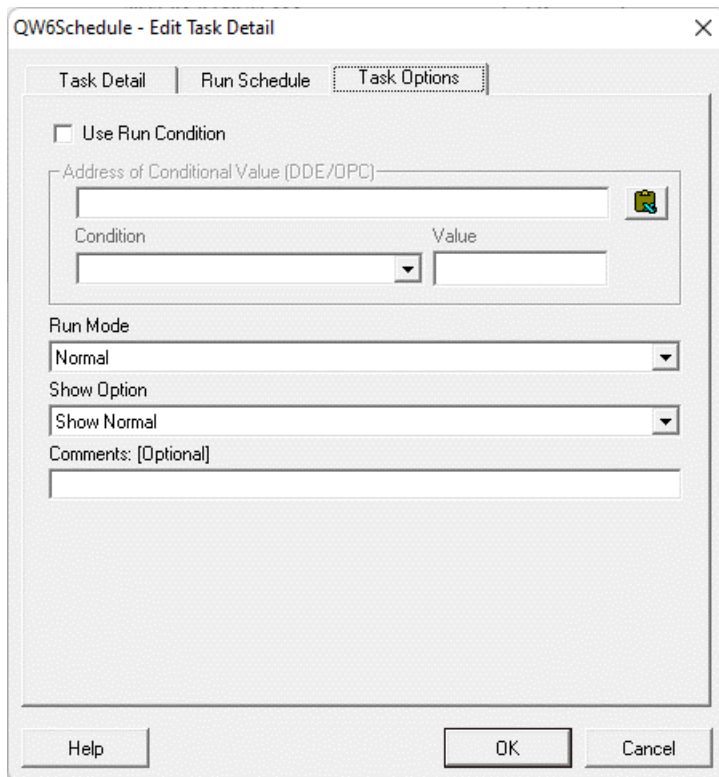


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You could setup two tasks one at 7Am and one at 7pm based on 12 shifts or the times that reflect you shift times. As you can see on the screen there are many configuration options to best match your requirements.

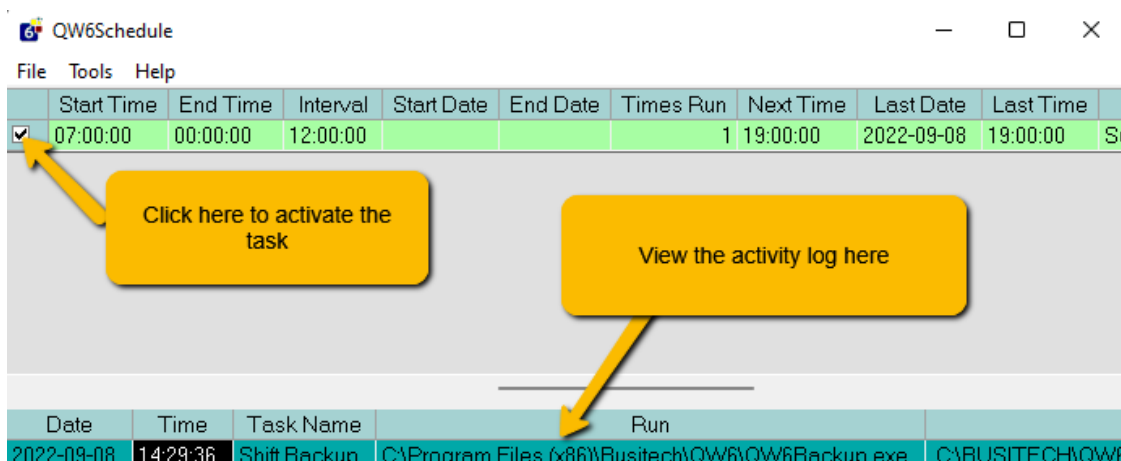
Now select the Task Options

If you have a link to an automation system that indicates if the line is active or not you can use this screen to avoid running a backup if the line is down.

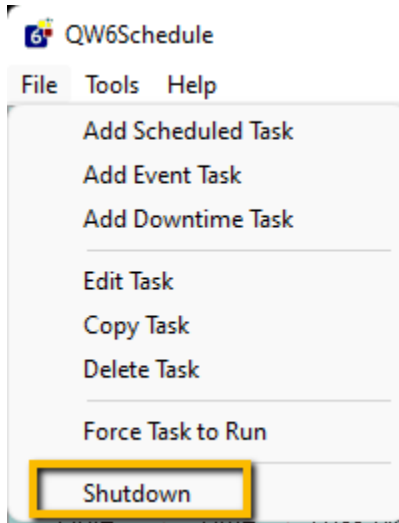


Click Ok and the Schedule Task creation is complete.

Now you can activate the task.



Backing up Applications in QW6



You can close the QWScheduler Module by clicking on the X in the top right corner. QW6Scheduler will continue to run in the background. If you ever want to stop QW6Scheduler you can call up QW6Scheduler from the system tray and select Shutdown.

Special Note:

If the workstation/Server that is running QW6Scheduler is shut down and restarted you should verify that QW6Scheduler is restarted as well.

You can add QW6Scheduler to the System Startup applications to automatically run on start up.