

## ***Using FTP to upload Savefiles to the AS/400***

The file you have downloaded is a savefile. Now that you have unzipped it you will need to upload it to your iSeries (or AS/400) system.

These instructions are intended to help you through that process if you are unfamiliar with the technique. If you are comfortable using FTP, go ahead and upload the savefile using your favorite method. Once there you can restore the files and other objects it contains in the normal fashion.

Ok so those of you not familiar with FTP read on!

These instructions apply whether you downloaded the PC version of the Savefile from a web site, received it as an e-mail attachment or on a floppy disk or whatever. If it has found its way onto a PC, this is what you need to do to return it to its natural home on the iSeries (aka AS/400 if your brain has not yet been reprogrammed).

There are other ways of doing it, but we find this method pretty much foolproof for folks who have no experience of using FTP.

If you notice any errors or simply think that some of the explanations could be clearer then please let me know.

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In all cases substitute the name of the PC file for 'savefilename' in these instructions. For multiple savefiles, simply duplicate the operations. Once the savefile has been FTP'd to the AS/400 it can be restored as normal.

1. On the AS/400, create a save file in QGPL named the same as the PC file. We suggest using QGPL as most programmers have access rights to it:

**CRTSAVF QGPL/savefilename**

2. Start the FTP server (if it is not already started). To end the server afterwards, you'll execute the ENDTCPSVR \*FTP command:

**STRTCPSVR \*FTP**

3. On your PC open an MS-DOS prompt (known as a Command prompt on Win2000). Note that all subsequent actions are on the PC unless noted.
4. Start an FTP session with your AS/400. You can substitute the AS/400's IP Address if its name is not known on the network:

**ftp AS400name (or ftp ip-address)**

5. Sign on with your usual AS/400 User Id and password when requested. Type carefully, backspacing etc. is not well tolerated by most FTP implementations.
6. Switch to binary transfer mode by entering the command:

**bin**

7. Switch the local directory to the one on the PC where you have placed the savefile(s)

**lcd localPCdirectory** (e.g. lcd C:\Downloads\Savefiles)

8. Switch the AS/400 library to QGPL

**cd QGPL**

9. Upload the PC savefile into the AS/400 save file. Note that if the PC file name has an extension (such as .SAV) then either rename the PC file to lose the extension or use the second format of the put command listed below:

**put savefilename (or put savefilename.extension savefilename)**

10. End the ftp session:

**Quit**

11. Switch back to the 5250 session on the AS/400 and simply restore the library (or whatever) from the savefile in QGPL.

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You're finished! That's all there is to it.

PS. If you need to download a savefile to the PC, the process is basically the same except that you use the ***get*** command instead of the ***put*** command. You should also specify DTACPR(\*YES) when doing the save. This will compress the data thereby producing a smaller file. The compression ratio is not as good as that achieved by PKZIP (for example) but good enough in most cases and the person who receives it doesn't have to worry about unzipping the file.