

WHERE ARE YOUR APPLICATION FILES STORED?

If you go to File Explorer (Windows + E) and expand your Primary Drive (C), you will find two separate folders, one called Program Files, and a second one called Program Files (x86). Here's why.

Like most up-to-date PC users, you're probably running a 64-bit version of Windows. Computers capable of running 64-bit code (also referred to as x64) have been around for more than a decade. The same goes for x64 versions of Windows.

Although the vast majority of PCs these days run x64 Windows, a great many programs (quite possibly most of the ones on your PC) are still written for the older 32-bit version. For purposes of backward compatibility, Windows x64 needs to run both 64- and 32-bit programs.

Windows runs smoother if it keeps these two very different types of code separated. The operating system can't assume that an x86 program even knows that such a thing as x64 code exists, and that could cause problems if they cross. For instance, if a 32-bit program went looking for a .dll (dynamic library link), and found one that came with an x64 version, the program wouldn't work and wouldn't know why it didn't work. Keeping them in separate folders is the simplest way to avoid such problems.