

Learning and Using UNIX on a MS Windows[®]-based Computer

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Recently, several *UNIX* emulators that are easily installed and used under the Microsoft[®] *Operating Systems* (OS) commonly referred to as “Windows” have become available. This paper describes the authors’ experiences in using these tools both as a teaching mechanism in an undergraduate setting for the purpose of teaching the use of *UNIX* and various high-level languages such as *PERL*, **FORTRAN**, *C* and *C++* and for use in research. In addition to these programming languages, the tools are also useful for teaching more advanced concepts such as *UNIX* shell scripting; all while existing in the native operating system environment Microsoft[®] provides which is by far the most predominant installation in PCs found today.