CS311 - FA13: Final

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1 Overview

This paper compares and contrasts Sockets, Pipes and Named Pipes, and Multiprocessing and threads, between the Windows and POSIX APIs. Where parts are common, a direct API will comparison will be made between the function headers. For parts of the API that differ, an overview of the concepts between the two will be compared, along with Window's deviation from the POSIX specification.

2 Sockets

3 Pipes and Named Pipes

4 Multiprocessing and Threads

5   References

5.1   Sockets

http://msdn.microsoft.com/en-us/library/windows/desktop/bb530741%28v=vs.85

5.2   Pipes

http://msdn.microsoft.com/en-us/library/windows/desktop/aa365780%28v=vs.85http://msdn.microsoft.com/en-us/library/window

5.3   Multiprocessing

http://msdn.microsoft.com/en-us/library/windows/desktop/ms684841%28v=vs.85