Port Scanner Classes Description

Main : This is the executing class of the program. It's purpose is to obtain the inputs from the user, then create the necessary scan class to carry out the objective.

CommonScan: This class stores the data needed to conduct common scans on both TCP and UDP ports. It also determines the an appropriate threading technique for the known number of scans needed to complete in a timely fashion.

FullScan: This class performs a scan of all the ports in an appropriate number of threads to achieve maximum efficiency.

CustomScan: This class performs a scan of an unknown number and makeup of ports. It determines after receiving the ports to scan how many threads are needed and performs the scan accordingly.

PortScan: This class scans a single port on a single thread. It also stores the result of that scan for recall.