

ABSTRACT

VNC protocol is a simple protocol used to access remotely graphic appearance of a computer. Remote access to graphic appearance of a computer is also called remote desktop. This remote desktop is able to run with using remote desktop client application ability. In VNC, this remote desktop application is called VNC Viewer. VNC Viewer is not a self-supporting application, it needed another application which called VNC server. This VNC server application need to be installed in the computer that will be remoted.

There are various remote desktop application that is available now. But, all of those application addressed to desktop computer or laptop. Whereas in this moment there is a mini electronic gadget like Pocket PC which its ability quite equal to desktop computer.

The construction of a VNC client application in a desktop computer maybe not too difficult and won't have many trouble because desktop computer have enough of resources. But in mobile device like Pocket PC, the construction of a VNC client application seems have many trouble because of resources limitedness e.g. processor capability, size of its screen, limitedness of input media, etc.

Keywords : VNC, *Remote Access*, *Remote Desktop*, VNC Viewer, VNC Server, pixel data.