

Abstract

Remote Desktop application usually use to control one computer through other computer. However, the development of mobile technology nowadays make it possible to develop a Remote Desktop application over java base phone using J2ME technology. This Remote Desktop application is a client server application based on Virtual Network Computing (VNC), with the result of that this application need an VNC server. VNC Server should be installed into a computer that will be remoted, otherwise Remote Desktop client put in a Java MIDP compatible phone. Client will connect to the server using Remote Framebuffer (RFB) protocol. Server computer should connected to the internet and have an IP public so it could be accessed from internet by client using General Packet Radio Service (GPRS). Desktop server computer use a small pixel resolution without a desktop wallpaper, it will be decrease the amount of data that sent from server to the client, in result of that will accelerate the remote process.

Keywords: Remote Desktop, J2ME, VNC, RFB, GPRS.