

MANUAL:

System Requirements:Java 1.6 and above

OS:Windows Vista and above,Linux,Ubuntu

RUN THE SYSTEM ON DIFFERENT MACHINES(CLIENTS AND SERVER).

NO 2 CLIENTS MUST BE ON THE SAME MACHINE.

Software can be run in VMs and Virtual Machines.

STEPS TO RUN:

1)Enter the Machines IP with the port Number where the Index_Server will be run and also enter the Peer Port Number(where it will be working as a Server). in config.properties files.clientPort will be common for all clients as they will run on different machines.

2)Copy the **config.properties** file in client(all 3 client folders) and server folder(1 server folder)

3)Open the Server Folder

4)Use the Server ANT File(present in Index_server folder,build.xml) to build and compile the Index_Server

Eg:pshah-virtualbox:~/downloads:\$ ant

Index_Server is now running

5)There are 3 Peer folders created they **HAVE THE SAME CODE** only the demo file(file to transfer is different)Copy updated config.properties in all the 3 client folder.

6)Now copy the client folder on the desired machine open its folder and use the ANT file in that folder to build and compile the Client(Peer,build.xml)

Eg:pshah-virtualbox:~/downloads:\$ ant

Peer is now runing

7)Now use the Peers option shown on the screen for file transfer.Client sending its file list to the Index_server is an automated process in the client done through code.

8)For the File Transfer .txt ,.bin and .dat files are present inside the Peer folders.

9)The Ant files(build.xml) of Peer and Index_Server are present in their respective folders.