

Changes need to make in **config.property**. More details are as follows.

For Server :

1. **config.property**

- i. Give Port number for Indexing Server to **indexServerPort** :
eg.
indexServerPort = 6666

For Client :

1. **config.property**

- i. Give Indexing Server's IP and port address to
indexServerIPaddress and **indexServerPort** resp.

eg.
indexServerIPaddress = 192.168.0.106
indexServerPort = 6666

Where : "192.168.0.106 : 8877" is IP and Port address
of indexing server.

- ii. Peer server's port number :
eg.
clientLocalServerPort = 1234
localfileServerPort = 1235

Note: These port should be free while starting service.

Guidelines :

I. Client

1. Suppose, Project name is "**Client_1**".
2. Suppose, Project path is
/home/sachin/Documents/cs550/workspace/Client_1
3. File will be download at "**DownloadedFiles**" folder.
Path for this folder will be :
/home/sachin/Documents/cs550/workspace/Client_1/DownloadedFiles
4. Files that are available for download from Peer's server will be available at "**ServerFiles**".
/home/sachin/Documents/cs550/workspace/Client_1/ServerFiles
5. Location of config.property file will be at :
/home/sachin/Documents/cs550/workspace/Client_1/config.property
6. Location of build.xml file will be at:
/home/sachin/Documents/cs550/workspace/Client_1/build.xml
7. Generated Jar file path will be at :
/home/sachin/Documents/cs550/workspace/Client_1/dist/Client_1-20150920.jar
8. Command to build project :

/home/sachin/Documents/cs550/workspace/Client_1\$ ant
/home/sachin/Documents/cs550/workspace/Client_1\$ java -jar dist/Client_1-20150921.jar

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sachin@sachin-HP-Pavilion-15-Notebook-PC:~/Documents/cs550/workspac
e/Client_1$ ant
Buildfile: /home/sachin/Documents/cs550/workspace/Client_1/build.xml

clean:
  [delete] Deleting directory /home/sachin/Documents/cs550/workspa
ce/Client_1/bin
  [delete] Deleting directory /home/sachin/Documents/cs550/workspa
ce/Client_1/dist

init:
  [mkdir] Created dir: /home/sachin/Documents/cs550/workspace/Clie
nt_1/bin

compile:
  [javac] Compiling 5 source files to /home/sachin/Documents/cs55
0/workspace/Client_1/bin
  [javac] Note: Some input files use unchecked or unsafe operatio
ns.
  [javac] Note: Recompile with -Xlint:unchecked for details.

dist:
  [mkdir] Created dir: /home/sachin/Documents/cs550/workspace/Clie
nt_1/dist
  [jar] Building jar: /home/sachin/Documents/cs550/workspace/Clie
nt_1/dist/Client_1-20150921.jar

main:

BUILD SUCCESSFUL
Total time: 1 second
sachin@sachin-HP-Pavilion-15-Notebook-PC:~/Documents/cs550/workspac
e/Client_1$ java -jar dist/Client_1-20150921.jar
Connecting to 192.168.0.106 on port 6666
Just connected to /192.168.0.106:6666
Current relative path is: /home/sachin/Documents/cs550/workspace/Cl
ient_1
```

Menu

II. Server

1. Suppose, Project name is "Server"
2. Suppose, Project path is
/home/sachin/Documents/cs550/workspace/Server
3. Location of config.property will be at :
/home/sachin/Documents/cs550/workspace/Server/config.proper
4. Location of build.xml file will be at:
/home/sachin/Documents/cs550/workspace/Server/build.xml
5. Generated Jar file path will be at :
/home/sachin/Documents/cs550/workspace/Client_1/dist/Client_1-20150920.jar
6. Command to build project :

/home/sachin/Documents/cs550/workspace/Server\$ ant
/home/sachin/Documents/cs550/workspace/Server\$ java -jar dist/Client_1-20150921.jar

```
sachin@sachin-HP-Pavilion-15-Notebook-PC: ~/Documents/cs550/workspace/Server
sachin@sachin-HP-Pavilion-15-Notebook-PC:~/Documents/cs550/workspace/Server$ ant
Buildfile: /home/sachin/Documents/cs550/workspace/Server/build.xml

clean:
    [delete] Deleting directory /home/sachin/Documents/cs550/workspace/Server/bin
    [delete] Deleting directory /home/sachin/Documents/cs550/workspace/Server/dist

init:
    [mkdir] Created dir: /home/sachin/Documents/cs550/workspace/Server/bin

compile:
    [javac] Compiling 4 source files to /home/sachin/Documents/cs550/workspace/Server/bin
    [javac] Note: Some input files use unchecked or unsafe operations.
    [javac] Note: Recompile with -Xlint:unchecked for details.

dist:
    [mkdir] Created dir: /home/sachin/Documents/cs550/workspace/Server/dist
    [jar] Building jar: /home/sachin/Documents/cs550/workspace/Server/dist/Server-20150921.jar

main:

BUILD SUCCESSFUL
Total time: 1 second
sachin@sachin-HP-Pavilion-15-Notebook-PC:~/Documents/cs550/workspace/Server$ java -jar dist/Server-20150921.jar
Waiting 192.168.0.106 for client on port 6666...

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