**P2p software**

[**http://compnetworking.about.com/od/p2ppeertopeer/a/p2pintroduction.htm**](http://compnetworking.about.com/od/p2ppeertopeer/a/p2pintroduction.htm)

**It’s a type of network in which each workstation has equivalent capabilities and responsibilities. This differs from client/server architectures, in which some computers are dedicated to serving the others.**

**ADC protocol**

**The protocol that we will use is advanced direct connect. It is the successor of advanced direct connect..**

**HUB SOFTWARE**

<http://adchpp.sourceforge.net/>

<http://opendchub.sourceforge.net/>

<http://www.softpedia.com/get/Internet/File-Sharing/Direct-Connect-Hub.shtml>

**DC++ HELP**

<http://unishub.blogspot.com/2007/09/search-usage-and-tips.html>

Forenote:

The DC++ hub is neither run, not mannaged by the university or the students union, and therefore, do not ask them for any help with the hub.

[b]1-Download DC++

Google it or click here

If you're a Mac user, download ShakesPeer instead

2-Run the download to install DC++

Run DC++ (from the start>programs menu)

The settings (file>settings) you will need to fill in

Personal Info-Nick- Your display name

-Line Speed- set to 100 mb/s

Connection Settings-Direct Connection (firewall/passive will not let you download)

Downloads-chose where your downloads end up by filling in the download directory (or browse for a location)

Sharing

-Select the files and folders you wish to share (must total more than the required amount, currently 3Gb)

(The files may take a while to hash, just wait)

-set the upload slots to above the required amount (currently 2)

To connect to the hub

File > quick connect - enter the adress 'UNISHUB.DNSALIAS.COM'

if it works, then go to 'Faviorite hubs' (Yellow star) and add by clicking on NEW (go to faviorite hubs, and click it to connect)

The most common problems

Can't connect

Problem:Timeout (your computer could not find the server within a time limit) [Which often displays the message "\*\*\* A connection attempt failed because the connected party did not properly respond after a period of time, or established connection failed because connected host has failed to respond.'"

];

Possible Reason:The hub is down, you do not need to know anymore than that, so don't ask

Possible Solution: The hub has been down before, and will likely be back up again. In the meantime, play outside

Possible Reason:you typed in the adress incorectly

Possible Solution:retype the adress

Possible Reason:you are not connected to the internet

Possible Solution:connect to the internet

Password required;

Reason:the username you're useing has been registered by someone else

Solution:use another username

Low share message;

Reason:you are not shareing enough

Solution:share more than the amount in the message

Slot message

Reason:you are not shareing enough slot

Solution:share more slots than the amount in the message

Unable to veiw files of others

Reason:This is likely a firewall problem

Possible Solution:Make sure you are set to active, not passive (as described in how to set up)

Possible Solution:Check your firewall allows DC++

Unable to download due to no slots avalible

Possible Reason:the uploader is at maximum upload capacity (all there slots are being used)

Solution:you will automatically start downloading when a slot becomes avalible

Unable to stop a download

Solution:go to 'veiw > download queue' and remove the file

A video file you downloaded wont play

Possible Reason:you may not have the correct codec for it

Solution:download the codec pack 'k-lite'

It dissconects;

Possible Reason:Sometimes you will lose connection to the hub, I beleive this is just because resnet is an unstable connection

Solution:chose reconnect from the file menu