

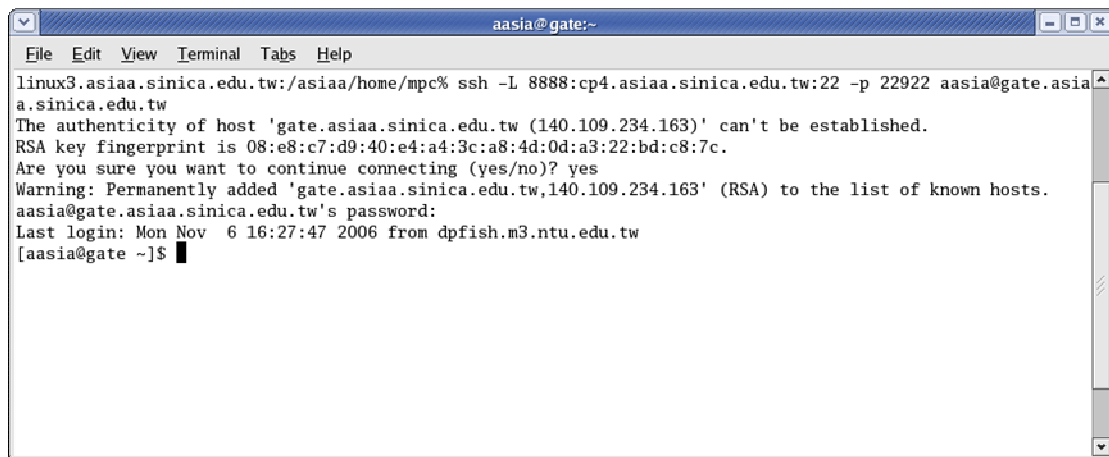
Display X programs from home or overseas with linux

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With linux port-forwarding(aka tunnel) you can build a secure ssh connection between your home linux and IAA's internal host. We assume your home host is linux3 and remote host is cp4.asiaa.sinica.edu.tw.

First type the following. We will build a "tunnel" between port 8888 of our local machine(linux3) and port 22(ssh port) of the remote IAA host cp4.asiaa.sinica.edu.tw via port 22922 of gate.asiaa.sinica.edu.tw



```
aasia@gate:~  
File Edit View Terminal Tabs Help  
linux3.asiaa.sinica.edu.tw:/asiaa/home/mpc% ssh -L 8888:cp4.asiaa.sinica.edu.tw:22 -p 22922 aasia@gate.asia  
a.sinica.edu.tw  
The authenticity of host 'gate.asiaa.sinica.edu.tw (140.109.234.163)' can't be established.  
RSA key fingerprint is 08:e8:c7:d9:40:e4:a4:3c:a8:4d:0d:a3:22:bd:c8:7c.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added 'gate.asiaa.sinica.edu.tw,140.109.234.163' (RSA) to the list of known hosts.  
aasia@gate.asiaa.sinica.edu.tw's password:  
Last login: Mon Nov 6 16:27:47 2006 from dpfish.m3.ntu.edu.tw  
[aasia@gate ~]$
```

Open another xterm and type the following.



With the secure tunnel being built, you are free to run your favorite X programs.

