

## Using C# Express in the onyx lab

### Running VMWare

1. Log into one of the work stations in the lab and type

```
vmware &
```

into the terminal window. Or, you can find VMWare under Applications/System in the fedora menu.

Note: If you are logged in remotely, you'll need to do

```
ssh -Y node dd
```

where `dd` is a two digit number from 01 to 32.

2. Click on "Open a Virtual Machine or Team"
3. Find and select Windows XP Professional.vmx under /vm/WinXP/.  
(Clicking the File System button will get you to the root directory.)
4. Click Power on the Virtual Machine.
5. Click on OK in the Login window. There is no password.
6. You'll probably want to switch into full screen mode.

### Running C# Express

1. On the desktop, find the icon for C# Express 2010 and double click it.  
If you get asked for a license, just continue without entering anything.
2. There are several tutorials. I recommend working through at least "Create Your First Application".
3. Pay attention to where you store any projects that you want to save since you need to copy them to onyx before you shut down the virtual machine.
4. Be sure to shut down the virtual machine when you are done.

## Transferring Your Files

The virtual machine is frozen so any files you create need to be copied somewhere else before you shut the virtual machine down. If you have a flash drive, you should be able to save them there. Otherwise, you can use the SSH Secure File Transfer program to copy them to onyx. Reverse the process the next time you want to work on the project.

1. Double click on the SSH Secure File Transfer icon on the desktop.
2. Click on Quick Connect. Type in `onyx.boisestate.edu` for the Host Name and your onyx user name into the User Name box. Then click Connect.
3. Click on yes to connect.
4. Type your password and hit enter or click OK.
5. You should now see your onyx home directory. Navigate to where you want to save your project and drag the project folder from the virtual machine to onyx.
6. Click the icon that looks like a console with a red line through it to disconnect. Click OK in the dialog.
7. Close the file transfer program.