

September 2009 Workstation Image notes

Statistics Action Group

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1 Introduction

This document describes the new workstation image release in September 2009. You'll notice several changes and they are documented here.

2 Logging In

We use a Stanford-wide Active Directory (AD) infrastructure for managing these machines. To log in, type in your `SUNet id`, followed by your `SUNet password` and choose the `WIN` domain. Only students in our department programs are granted access.

3 Default Startup Programs

It would be ideal to make some commonly used programs start up automatically. However, it delays the start up and may take away some of the floating licenses we have for the department network. For example, `XWin-32`, the X-Windows emulator you often need to access windowing application on Unix servers, does not start up by default anymore. Just start it manually by clicking on the Desktop Icon or choose from the programs.

4 Emacs/XEmacs Change

We now recommend GNU Emacs rather than XEmacs whose development seems to have stagnated. In fact, we have removed XEmacs in this image.

5 Printing

Due to budgetary constraints, we now audit printing usage.

Please note that there is a mislabelled printer. In order to print to Room 211, please choose the HP LaserJet 4200 PCL6 printer.

6 T_EXnicCenter

The first time you start T_EXnicCenter on a machine, it will ask you for the path of your L^AT_EX installation. You should either type or browse to:

```
C:\Program Files\MikTeX 2.7\miktex\bin
```

The version number of MikT_EX could, of course, be different as it is kept updated.

7 Trouble Shooting

7.1 Trouble Logging In

If you have difficulty logging into the WIN domain, please try the following.

1. On another machine you have access to, log on to the website: <http://stanfordyou.stanford.edu>
2. Change your password.
3. Log off and wait a minute or two.

4. Try logging back into the WIN domain. If you still have difficulties, please email a note for help to `stat-action@lists.stanford.edu`.

7.2 Unable to open X11 Window

As mentioned in 3, XWin-32 is no longer started by default as we have limited licenses. So start it manually yourself before trying to open X11 programs. So here are the two steps to try.

1. Start up XWin-32 if you have not already. Only one copy needs to be running
2. Start up `putty` and ensure that you have enabled X11 forwarding before connecting to `millier`.

8 List of Software Installed

This lists software installed on the Windows workstations. More info on any of these can be obtained on the web. Some other licensed software such as Matlab is only available on our Unix servers.

- ArcGIS (GIS Software)
- Cygwin (Unix on top of Windows, X server)
- Ghostscript 8.64 and GSview (Postscript viewer) 4.9
- Acrobat 8.0, Acrobat 9 reader
- Mozilla Firefox (3.5.2) and Mozilla Thunderbird
- RealVNC 4.1.2
- Microsoft Office 2007
- MikTeX 2.7
- TeXniCenter
- XWin32 8.0
- Quicktime
- GGobi

- Gimp 2.6.7
- WinSCP
- Tortoise SVN
- MySQL client
- 7-zip
- ActivePerl
- OpenOffice 3.1
- RealPlayer
- Python 2.5.4
- Secure CRT and Secure FX 6.0
- Graphviz
- Sophos Anti Virus
- Gnu Emacs with AucTex, ESS
- XEmacs (deprecated) with AucTeX, ESS
- WinBUGS
- Eclipse 3.4 with STATet
- R (version 2.9.2) and Rtools 2.9 for building packages
- Bioconductor
- JFig
- Putty (SSH client)
- Irfanview
- InnoSetup 5.2.3 installer builder
- Numpy 1.3.0rc2
- Python Setup

- Python Basemap 0.99.4
- Python Scipy 0.7.1
- Python ipython 0.10
- Emacs ipython.el
- Python matplotlib-0.99.0
- Java SDK 1.6 update 16
- Mercurial distributed software development tool