# Introduction to UNIX System

Waseda University

## Preliminaries

It is assumed that students already learned the following. Please do so if you are inexperienced.

- Mouse operations (double-clicking, dragging)
- Typing (→ gtype helps you to practice!)
  (http://www-it.sci.waseda.ac.jp/links/gtypist/)
- Japanese Input (http://www.mse.waseda.ac.jp/mse-help)
  【Ctrl】 + 【¥】 , 【space】 , 【Enter】 , 【Ctrl】 + 【i】 etc.
  【¥】 or 【\】
- One-byte character, Two-byte character.
  It is recommend to use one-byte characters when coding.
- Browse web pages, send emails
- Instructions for connecting UNIX system from outside the campus
  http://www-it.sci.waseda.ac.jp/links/TeraTerm/
- System environment in this room is available at
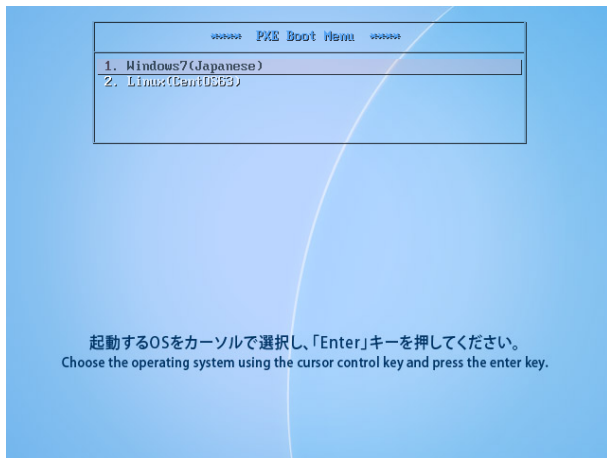  http://www.mse.waseda.ac.jp/pc-room/63floor.html

## Today's Topics

- How to log in / log out the UNIX system

- Start GNOME terminal · Exit the terminal

- Operations in web browser

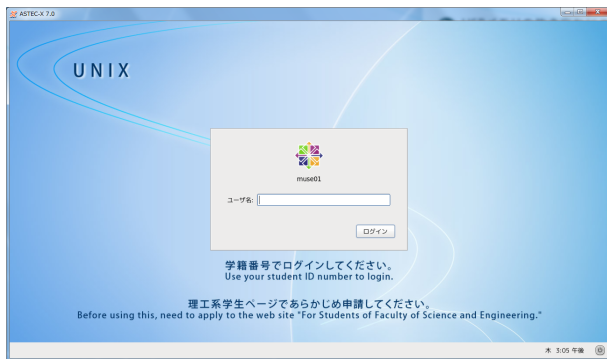# Login / logout the UNIX system

# Login / logout the UNIX system



- Student ID and password are necessary to login.
  - Other people never know your password. (You should choose a strong password.)
- Please use only your own account on the UNIX system
  - Do not use others' account.
- You need to apply for getting your account before this lecture.
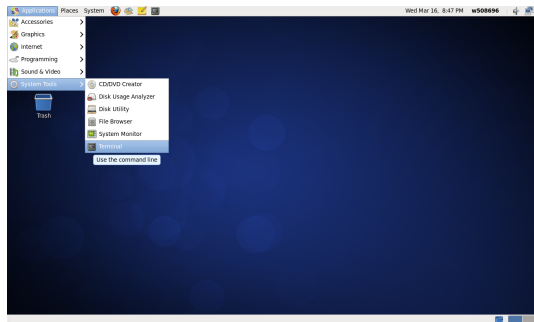  `http://www.mse.waseda.ac.jp/pc-room/unix/about.html`

# Terminal

## Running terminal

You run the terminal through
【Applications】 → 【System Tools】 → 【Terminal】

- You can also run the terminal by clicking the display-icon at the top of your screen.
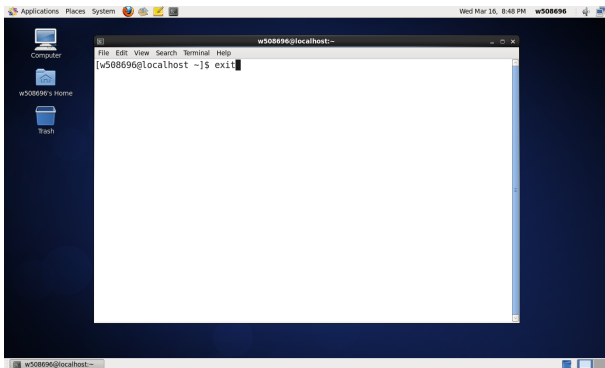- You can enter UNIX commands on the terminal.

# Terminal(2)

**Enter UNIX commands**

$ ○○○○ 【Enter】

**Exit the terminal**

$ exit 【Enter】

# Operations in web browser

- In this lecture we use the web browser "Firefox".

**Running Firefox on the terminal**

$ firefox & 【Enter key】

- Type "&" at the end of the command. Otherwise, you cannot use the terminal when Firefox ends.
- Quit Firefox by clicking the "× " button at the upper right of the window.
- Please run Firefox again, then access the following web site: `http://www-it.sci.waseda.ac.jp/CPR1/`

# Log in / log out the UNIX system

## Log out the UNIX system

When the class ends, you log out the UNIX system through
【Account】 → 【Quit】

## Summary

- How to log in / log out the UNIX system

- Start GNOME terminal · Exit the terminal

- Operations in web browser