

Only administer as prescribed
abuse outside of seminar may
lead to UNIX and Python addiction
for which no remedy is known

Organization meeting
May 17th 2pm DSL 150-T
Please send email to
beerli@fsu.edu

This course has no prerequisite
but may need new thinking and
follow instructions, the form of
the course is unclear and not
well defined yet.

We will learn about basic UNIX
commands and basic Python
commands to allow manipulation
of files and perhaps are able to
construct pipelines to transform
data from one format into another

SC/remedial

Scientific Computing DSL 150

You and your friends

Florida State University

UNIX and Python
50 MIN

Common brands: macosx, perl

TAKE 1 SEMINAR
EVERY WEEK

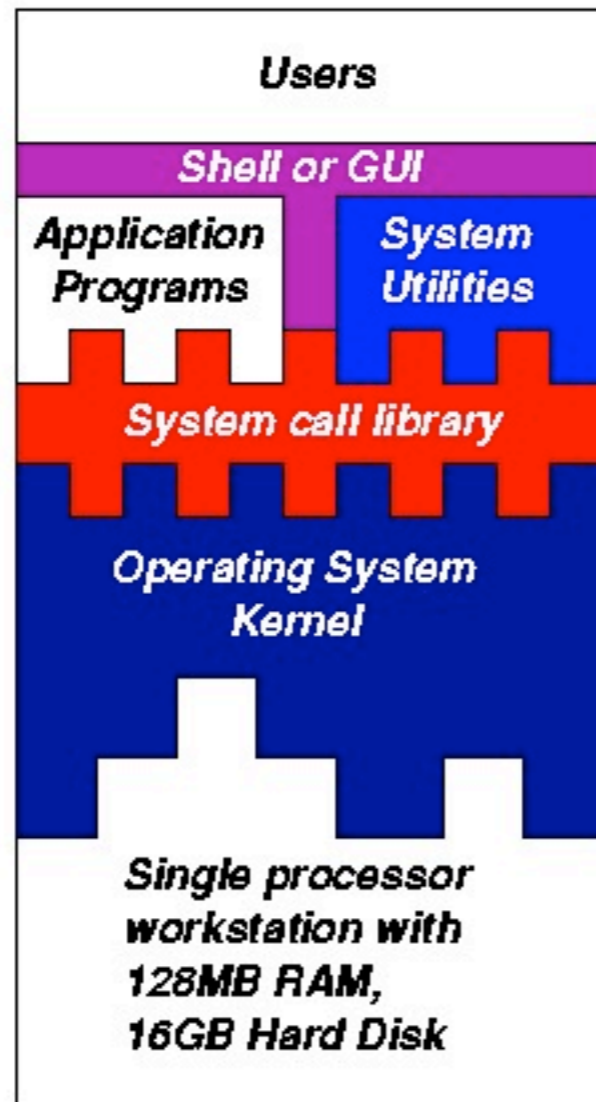
Qty: 10 Refills: as needed

Phone: (850) 645-1324

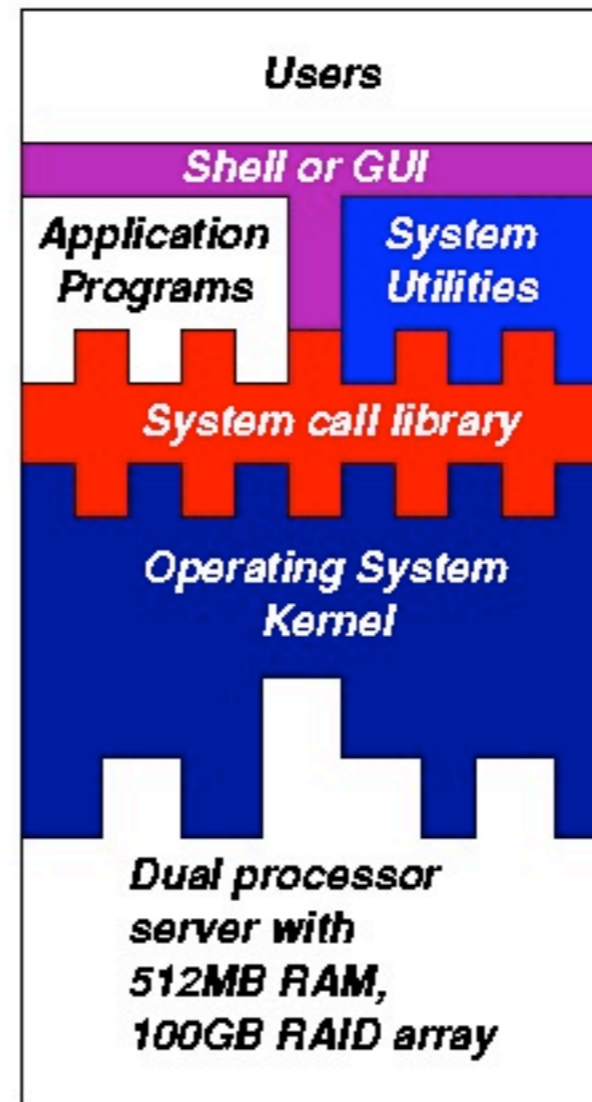
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Prescriber: PETER BEERLI

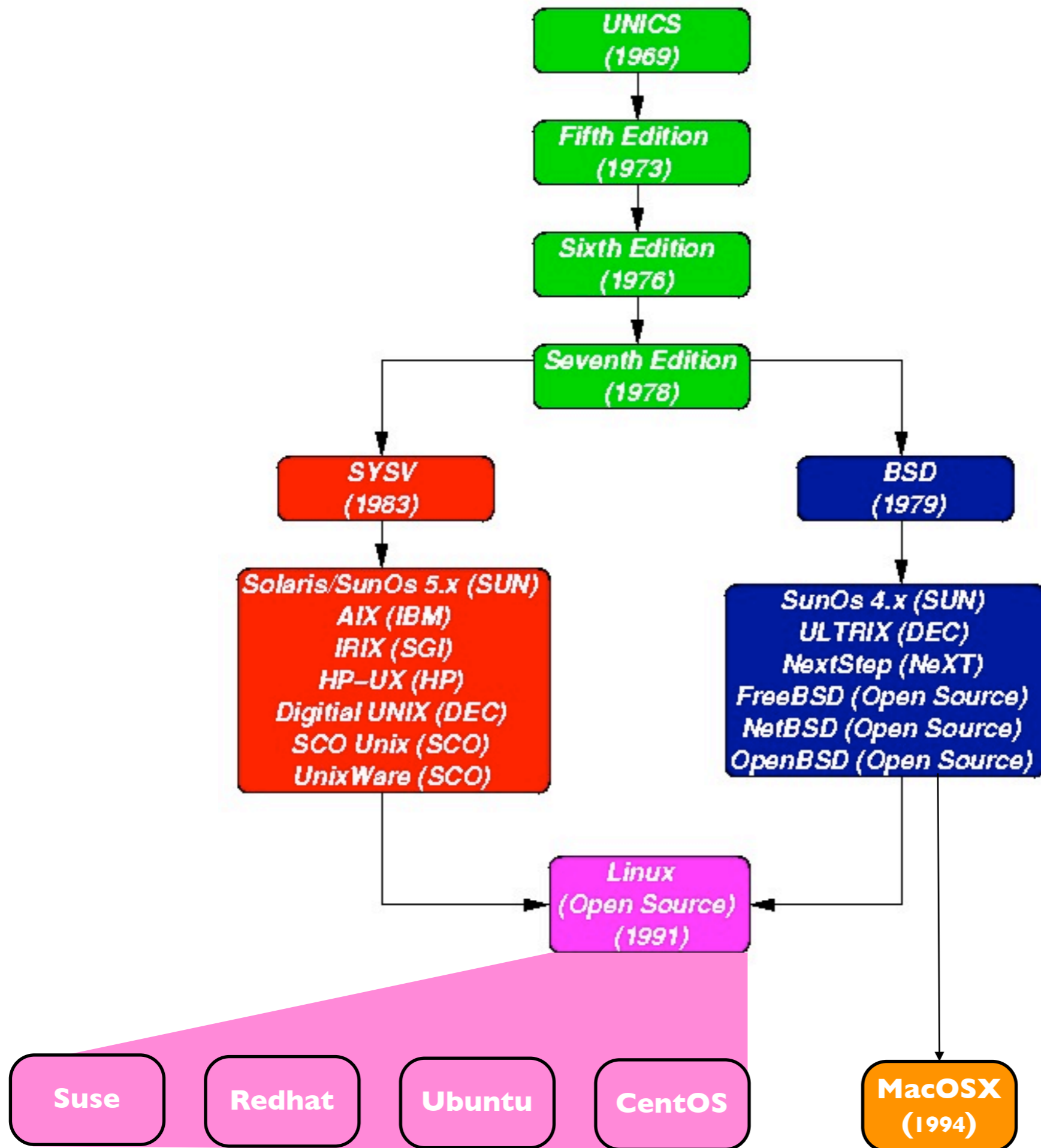




System A



System B



A UNIX command line consists of the name of a UNIX command (actually the "command" is the name of a built-in shell command, a system utility or an application program) followed by its "arguments" (options and the target filenames and/or expressions). The general syntax for a UNIX command is

```
$ command -options targets
```

Here `command` can be thought of as a verb, `options` as an adverb and `targets` as the direct objects of the verb. In the case that the user wishes to specify several options, these need not always be listed separately (the options can sometimes be listed altogether after a single dash).

1. Log on a Linux machine or connect to one from a Windows machine (e.g. click on the Exceed icon and then use putty to connect to the server `kiwi`. Enter your login (user name) and password at relevant prompts.
2. Enter these commands at the UNIX prompt, and try to interpret the output. Ask questions and don't be afraid to experiment (as a normal user you cannot do much harm):

- `echo hello world`
- `passwd`
- `date`
- `hostname`
- `arch`
- `uname -a`
- `dmesg | more`
(you may need to press `q` to quit)
- `uptime`
- `who am i`
- `who`
- `id`
- `last`
- `finger`
- `w`
- `top` (you may need to press `q` to quit)
- `echo $SHELL`
- `echo {con,pre}{sent,fer}{s,ed}`
- `man "automatic door"`
- `man ls` (you may need to press `q` to quit)
- `man who` (you may need to press `q` to quit)
- `who can tell me why i got divorced`
- `lost`
- `clear`
- `cal 2000`
- `cal 9 1752` (notice anything unusual?)
- `bc -l` (type `quit` or press `Ctrl-d` to quit)
- `echo 5+4 | bc -l`
- `yes please`
(you may need to press `Ctrl-c` to quit)
- `time sleep 5`
- `history`