



Grid Computing Hands On Training for Users
Faculty of Sciences, University of Novi Sad

BASIC LINUX SHELL COMANDS

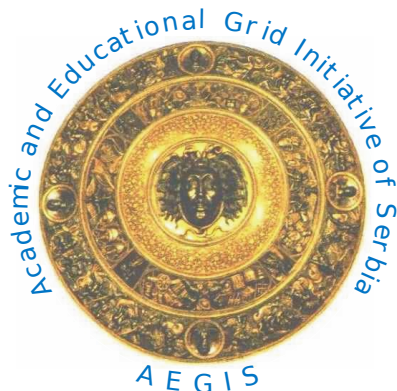
Branimir Ackovic
acko@scl.rs

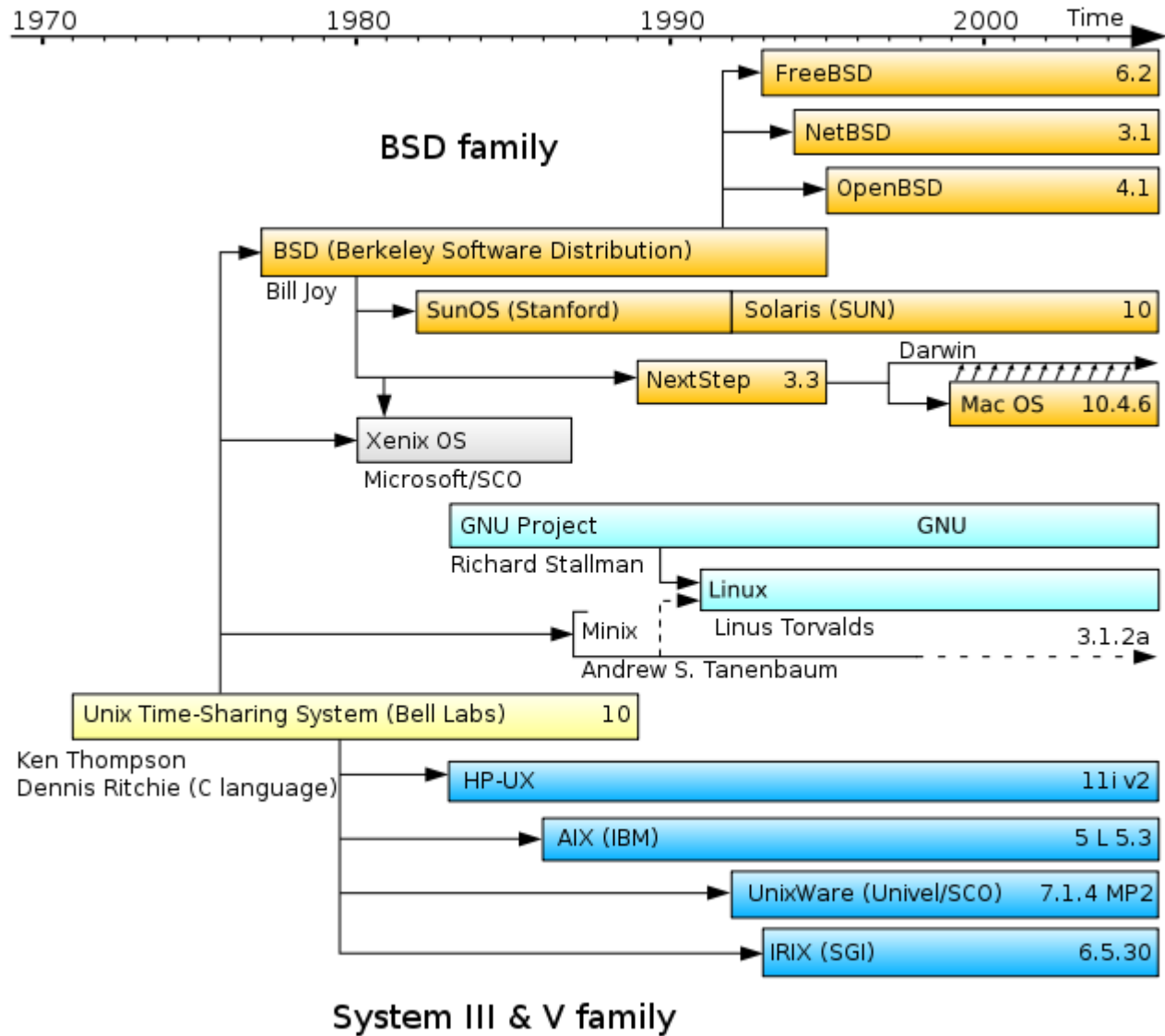
Scientific Computing Laboratory
Institute of Physics Belgrade
Serbia



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\$ ls [OPTION]... [FILE]...

\$ man ls

\$ ls -a

\$ ls -l

\$ ls -lh

\$ ls -1

\$ ll

Print the full filename of the current working directory.

```
$ pwd
```

\$cd path

absolute and relative path/addressing

. - current folder

.. - folder up

~ - home folder

/ - system root

Create the DIRECTORY(ies), if they do not already exist.

```
$mkdir path/dir_name
```

Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.

```
$ cp <path/filename> <newpath/newfilename>
```

```
$ cp -a
```

```
$ cp -r
```

Rename SOURCE to DEST, or move SOURCE(s) to DIRECTORY.

```
$ mv <path/filename> <newpath/newfilename>
```


Remove files or directories.

```
$ rm <path/filename>
```

```
$ rm -r
```

```
$ rm -f
```

```
-rw-r--r-- 1 scl users 180 2008-11-17 14:51 linux
```

```
$ chmod ugo+w <path/filename>
```

```
$ chown username:groupname <path/file>
```

Concatenate FILE(s), or standard input, to standard output.

```
$ cat [OPTION] [FILE]...
```

\$ less <filename>

/<text> - find

q – quit

\$ joe <filename>

CTRL+k h – help on/off

CTRL+c – exit

CTRL+k s – save

CTRL+k x – save and exit

```
$ ssh username@host.domain
```

```
$ ssh username@host.domain command
```

```
$ scp user@host.domain:path/file user1@host1.domain1:path1/file1
```

```
$ scp -r
```

\$ ps

\$ ps aux

\$ top

\$ kill