

## <CH.1>[*Introduction* to *Linux*]

### -*Linux* is a *Kernel*:

'A kernel is the core or central controller of the operating system.'

'The kernel is loaded at boot time and stays running to manage'

'every aspect of the functioning system.'

'GNU/Linux defines the operating system.'

'GNU is free software that provides open source equivalents of many'

'common UNIX commands and building tools.'

"GNU's Not UNIX"

### -*Linux* is *Open Source*

### -*Linux* has *Distributions*:

'The kernel, tools, and suite of applications that come bundled together.'

'Usually include a package manager (dpkg, RPM, ... )'

'Many distros suited to different tasks (running servers,'

'desktops, statistical computing, ... )'