

# Sun City Summerlin Computer Club

## Linux SIG

March 28, 2007

### Use of "root"

Root is used in two contexts

1. The *root user* (Equivalent to the Administrator on Windows)
2. The *root directory/folder* (Equivalent to C:\ on Windows)

### The Nautilus file manager

Using

List view

Icon view

Customizing: Edit -> Preferences

### The Gnome desktop

Background/picture

The *Panel*

- Location
- Autohide
- Hide buttons
- Size
- Adding *Launchers*
- Workspace switcher

### The Terminal

Useful commands

ls List files and directories

ls -l List files and directories with size, date, ownership and permissions

more filter

less filter

df Display disk sizes and free space

du     Display size of current directory  
su     Switch to *superuser* mode  
pwd    Display the current directory

## File and Directory Permissions

Owner

Group

Everyone else

Types of permissions

- Read
- Write
- Execute
- 

File permissions displayed with ls -l or if configured in Nautilus

```
-rwxr-xr-x  1 sybensky pub      492 Sep 11 2006 tomcat
```

Owner	Group	Everyone else
-rwx	rwx	rwx

Directory permissions displayed with ls -l

```
drwxr-xr-x  40 root  wheel    1360 Mar 16 10:59 bin
```

The "d" indicates that this is a directory

### Next time - April 11

Using Samba for Windows file and printer sharing

Install Fedora Core 6 - review options etc.