第一次实验作业

实验目标

- 安装Linux操作系统

- 熟悉Linux操作系统的常用命令

- 学习使用bash

- 学习使用git

- 熟悉GitHub的使用流程

常见的Linux发行版

LInux发行版预览

GNOME Shell
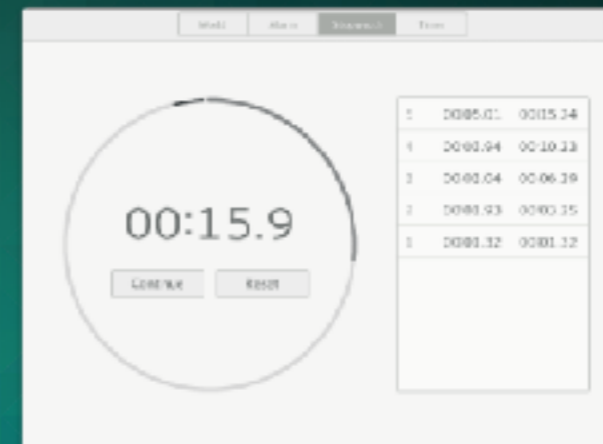
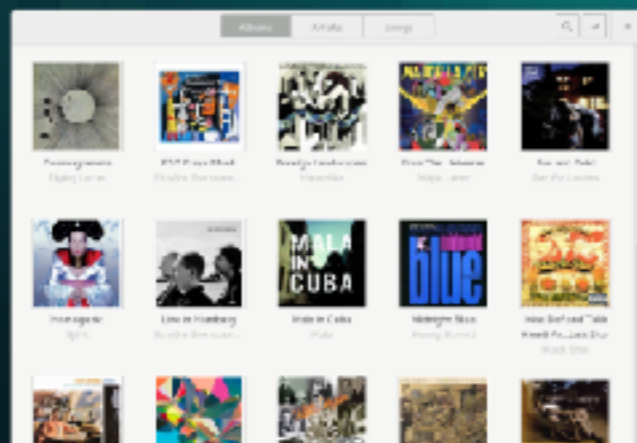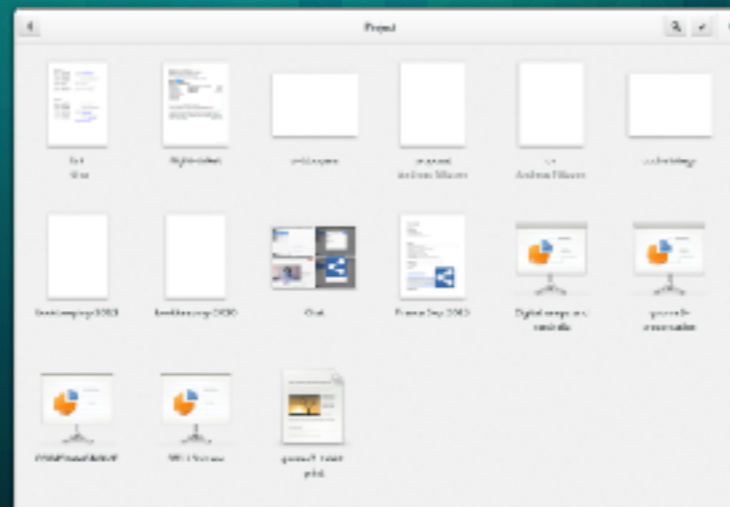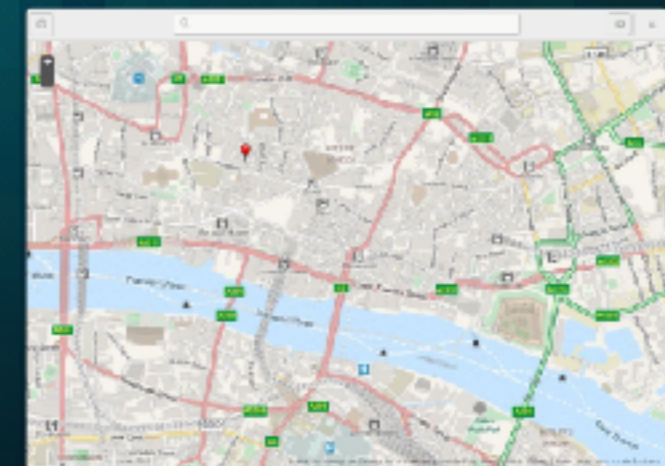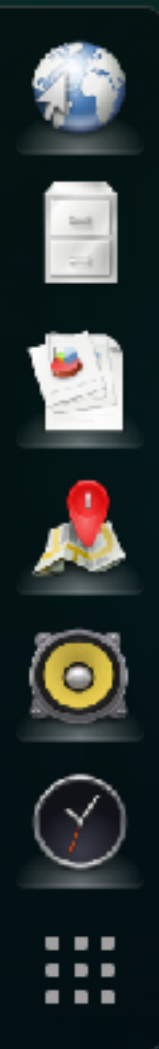# KDE Plasma
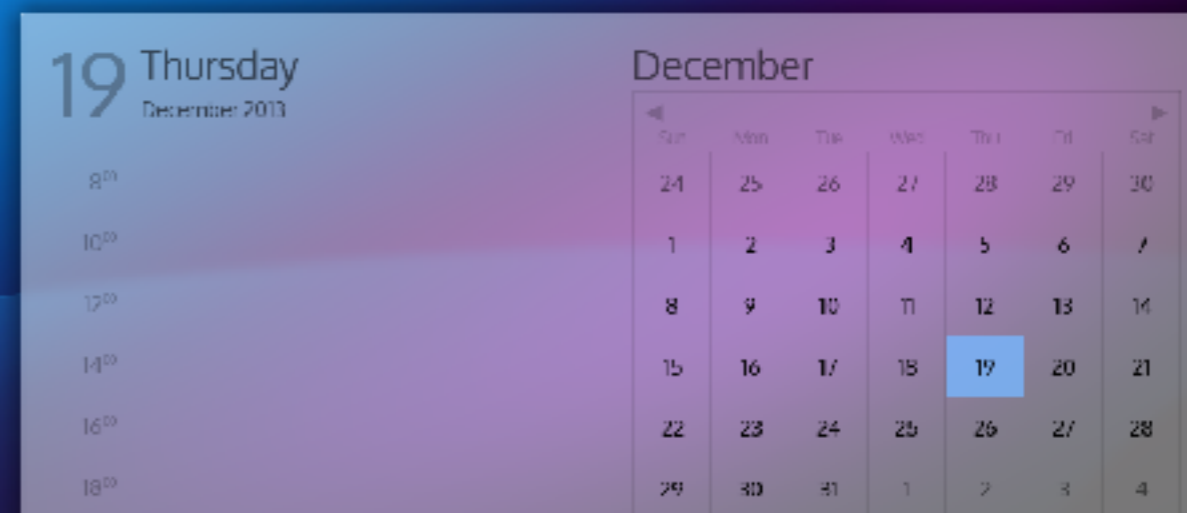
Elementary OS

Deepin Linux

Unity

常用命令

- 文件/目录相关：ls, cd, pwd, mv, cp, rm, mkdir, cat, touch, find, tar

- 文本处理：echo, grep, sed, wc, tee, sort, vi
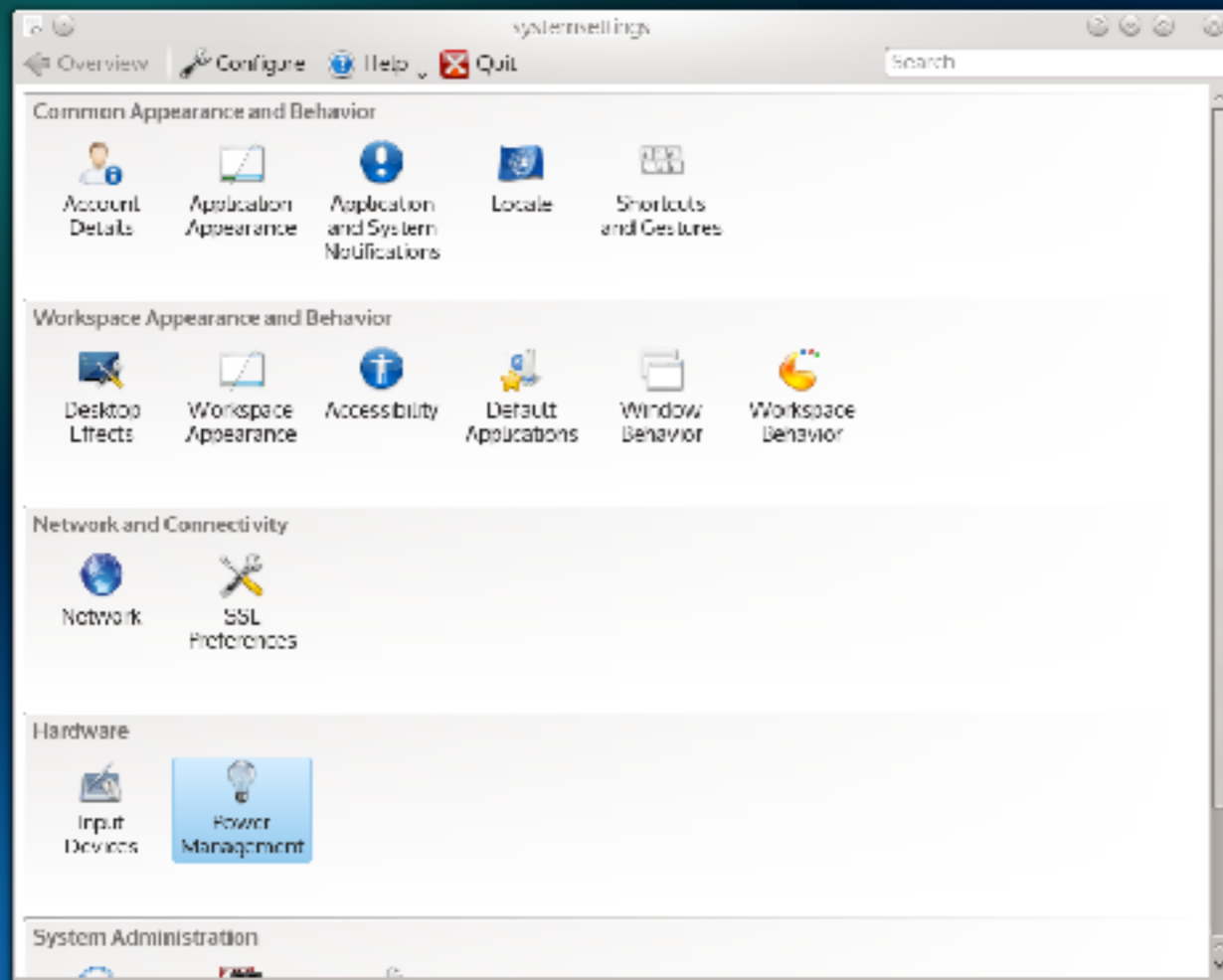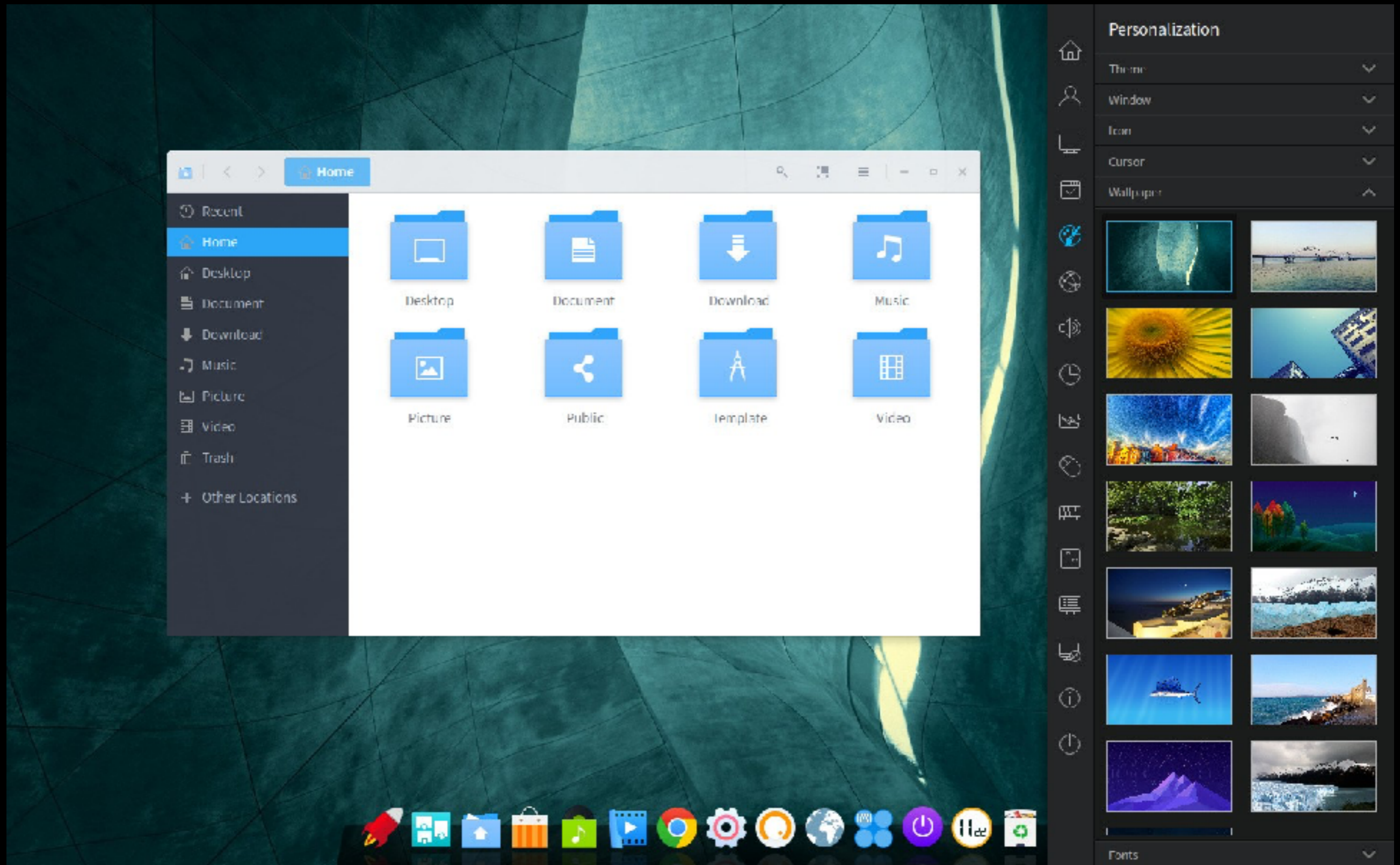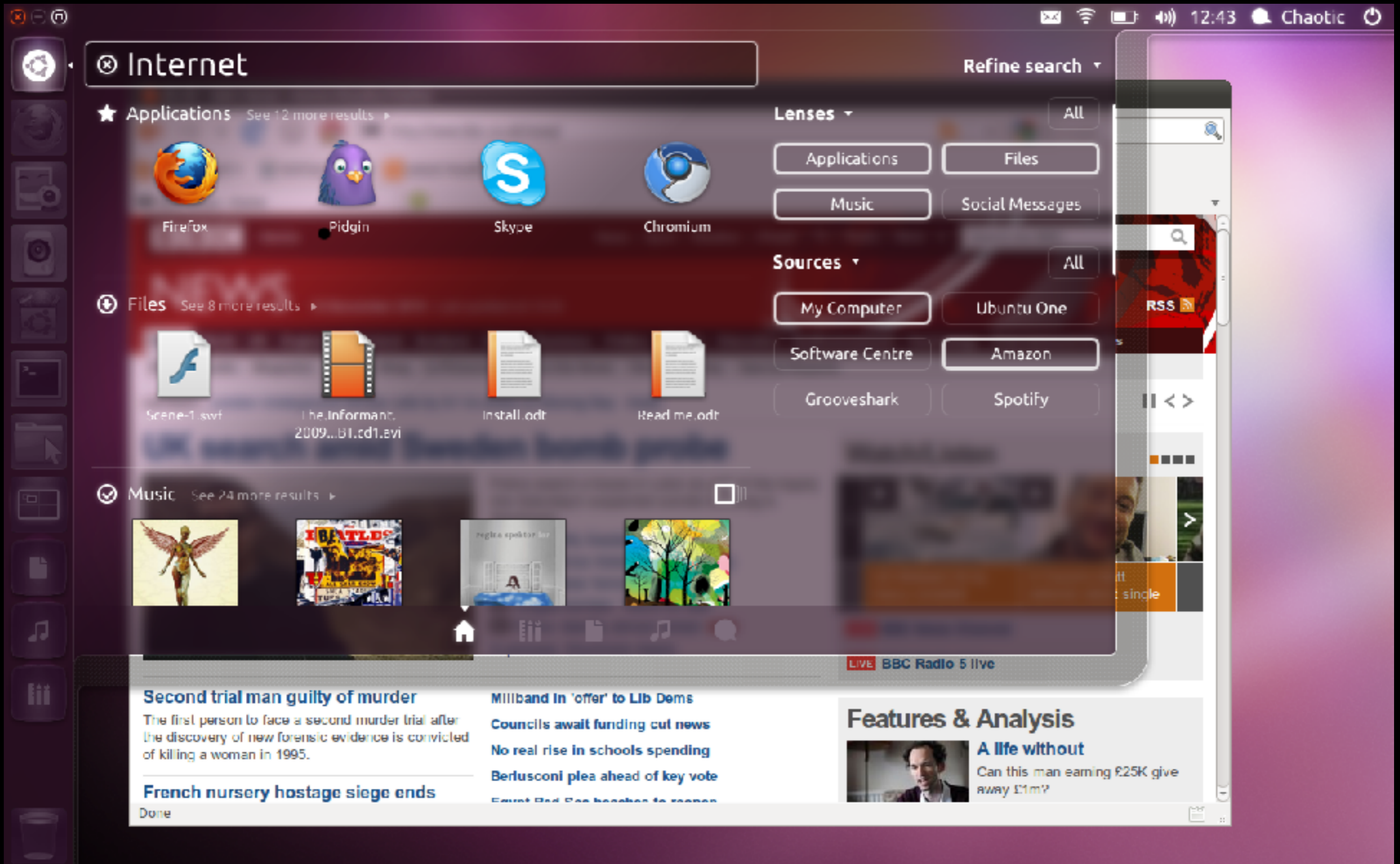
- 操作系统相关：shutdown, reboot, w, ps, kill, df

shell程序

```sh
#!/bin/sh
cd ~
mkdir shell_tut
cd shell_tut

for ((i=0; i<10; i++)); do
    touch test_$i.txt
done
```
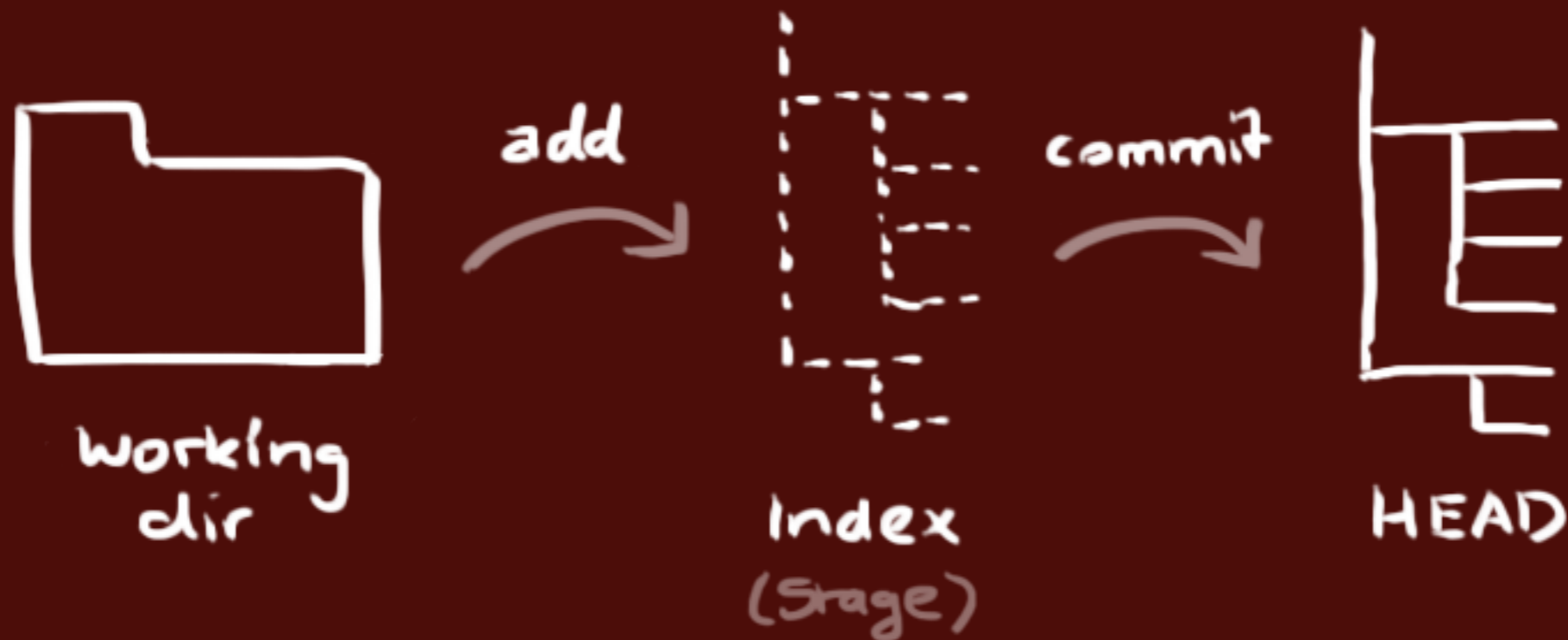
脚本解释器

- sh

- bash

- dash

- Perl、Python、PHP、Ruby

Git

- 创建新仓库 git init

- 检出仓库 git clone

工作流

工作目录、暂存区（Index）、HEAD

添加和提交

添加到暂存区：
  git add <filename>
  git add *

提交改动：

git commit -m "代码提交信息"

- 推送改动 git push

- 分支

- 更新、合并

- 标签

- 修改记录 git log

Linux用户协会

- 首页：https://lug.ustc.edu.cn/

- 活动室：西区图书馆206室

- 入门公开课：https://ftp.ustclug.org/course/