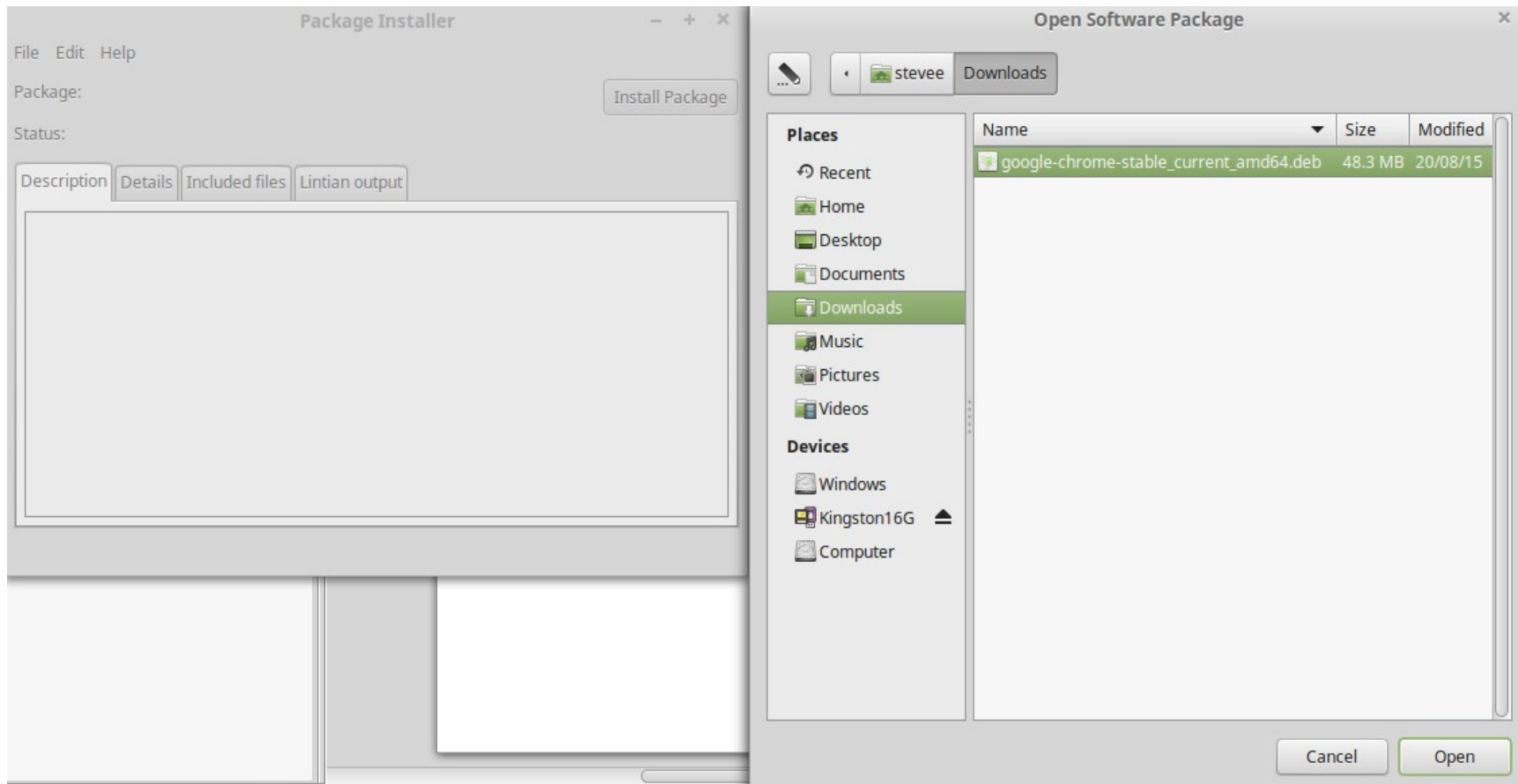


Day 5: Package Installation, AV, Backups

- Already seen `apt-get install xxxx` from Ubuntu repositories
- Some “unapproved”/proprietary packages not in the repo's have a .deb (debian) extension such as CAV anti-virus. e.g.
- `dpkg -i google-chrome-stable_current_amd64.deb`
- OR use the Gdebi Package Installer from the Menu:



How much software is available for Linux systems?

- Depends on the architecture and flavour – Debian, Redhat, Centos etc.
- Official repositories of flavour differ in content and/or stability
- 3rd party software available – or write your own!
- Approximately:
- `apt-cache pkgnames | wc -l`
- 46302

Comodo Anti-Virus

Antivirus for Linux | Free x

Steve

Comodo Group Inc. [US] https://www.comodo.com/home/internet-security/antivirus-for-linux.php

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Comodo Internet Security Complete 8

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Comodo Antivirus Advanced 8

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TrustConnect WiFi Security


Comodo Rescue Disk

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PC Support & Maintenance

Email Security

Comodo Antivirus for Linux



User Rating

★★★★★

4.9 / 5

7 Reviews

Free Linux Antivirus & Anti-spam Gateway

Download Now

Release Notes

Powerful anti-virus and email filtering software for Linux based computers.

Features

✓ Detects and eliminates viruses from Linux based laptops and desktops

✓ Mail gateway blocks email-borne viruses and spam

✓ Features on-access, on-demand and cloud

✓ Virus definitions updated multiple times per day

✓ Simple to use: install and forget while Comodo Antivirus protects you in the background


Membership benefits (More to come!)

\$10 Comodo Dollars

- \$5 For Product Installation


- \$5 For Product Feedback

Share Comodo Security and Gain More Comodo Dollars



Use your Comodo Dollars for up to 50% OFF Comodo Security Purchases!

Join Comodo Friends Today!

 Experience extreme protection with Comodo Internet Security Pro with CookBuddy

91.199.212.176

Menu

Terminal

Day 5 Installation...

Package Installer

Antivirus for Linu...

Saturday 26 September, 17:22:33

Comodo Anti-Virus Download

The screenshot shows a web browser window with the Comodo Group Inc. website. The address bar shows the URL: <https://www.comodo.com/home/download/download.php?prod=antivirus-for-linux&track=3646&key5sk1=5bbc>. The page features the Comodo logo and navigation links. A sidebar on the left lists various security products, with 'Comodo Antivirus for Linux' highlighted. The main content area is titled 'Download Comodo Antivirus for Linux' and includes instructions for selecting an operating system. A dropdown menu is open, showing a list of Linux distributions. Below this, there are sections for 'Supported Operating Systems' and 'Minimum Hardware Requirements'. The page also includes social media links and a footer with a date and time stamp.

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Home & Home Office > Internet Security > Comodo Antivirus for Linux > **Download**

Internet Security Softwares

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- Comodo Antivirus
- Comodo Antivirus Advanced 8
- Comodo Antivirus for Mac
- > Comodo Antivirus for Linux**
- Antivirus for Windows 8
- Comodo Firewall
- Anti Malware
- TrustConnect WiFi Security
- Comodo Rescue Disk
- View All

> PC Support & Maintenance

> Email Security

Download Comodo Antivirus for Linux

Your download link will be automatically generated after choosing your distribution and CPU type

1. Choose your operating system

2. 32

Ubuntu
Ubuntu
Debian
Mint
Redhat Enterprise Linux Server
Fedora
CentOS
SUSE Linux Enterprise Server
OpenSUSE

Supported Operating Systems

32 and 64 bit:

- Ubuntu 12.04
- Red Hat Enterprise Linux Server 5.9, 6.3
- Fedora 17
- SUSE Linux Enterprise Server 11
- OpenSUSE Linux 12.1

Minimum Hardware Requirements

- CPU: 2 GHz
- RAM: 2 GB
- Disk: 40 GB

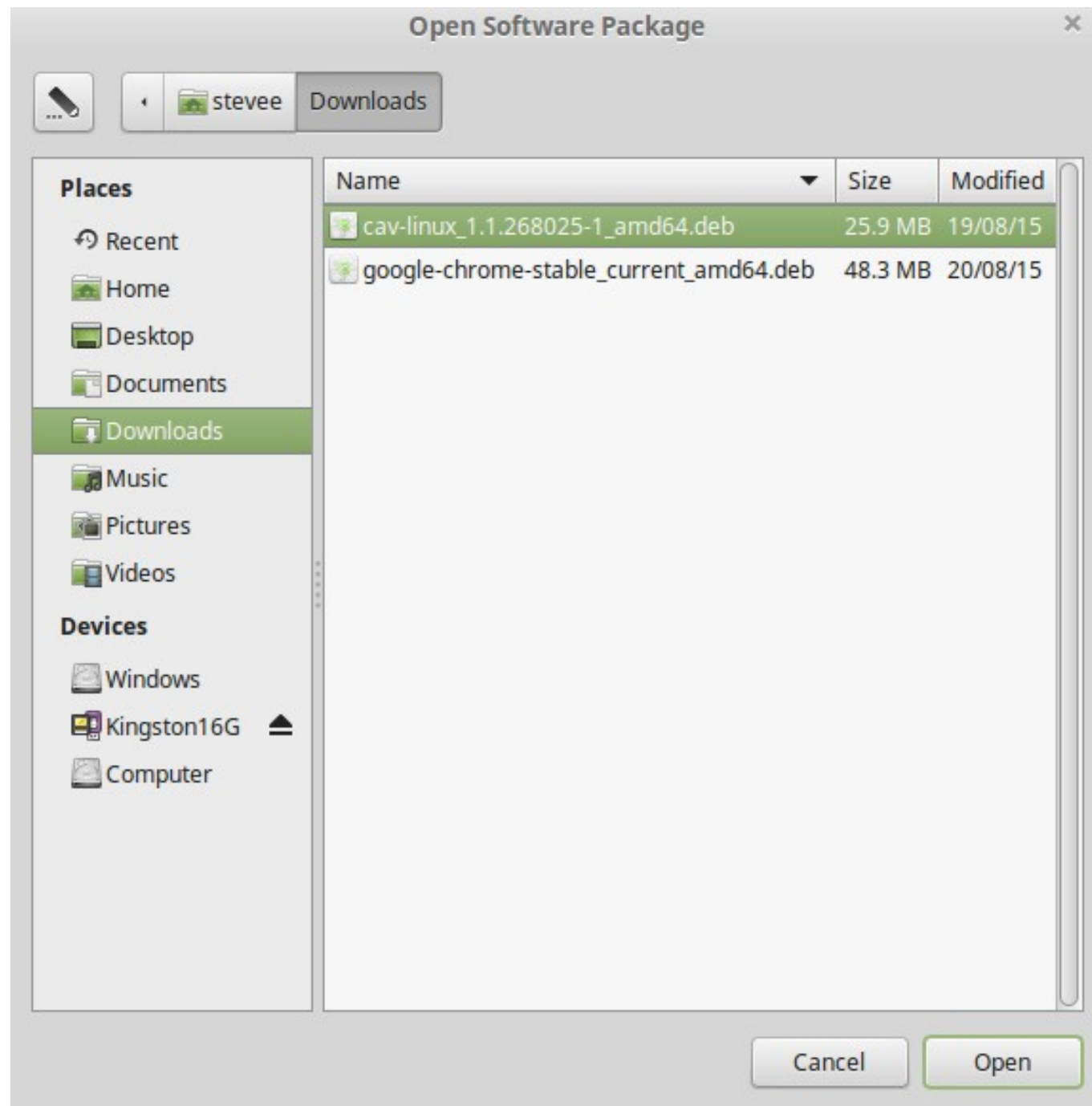
File Details:

Size: 24.7 MB (25,921,630 bytes)

91.199.212.176

Menu | Downloads | Terminal | Day 5 Installation... | Package Installer | Download Como... | Saturday 26 September, 17:23:52

Save .deb package to Downloads



Using Gdebi for a .deb package

File Edit Help

Package: cav-linux

Install Package

Status: Requires
the
installation
of 1
packages

Details

Description

Details

Included files

Lintian output

COMODO Antivirus and Mail Gateway for Linux

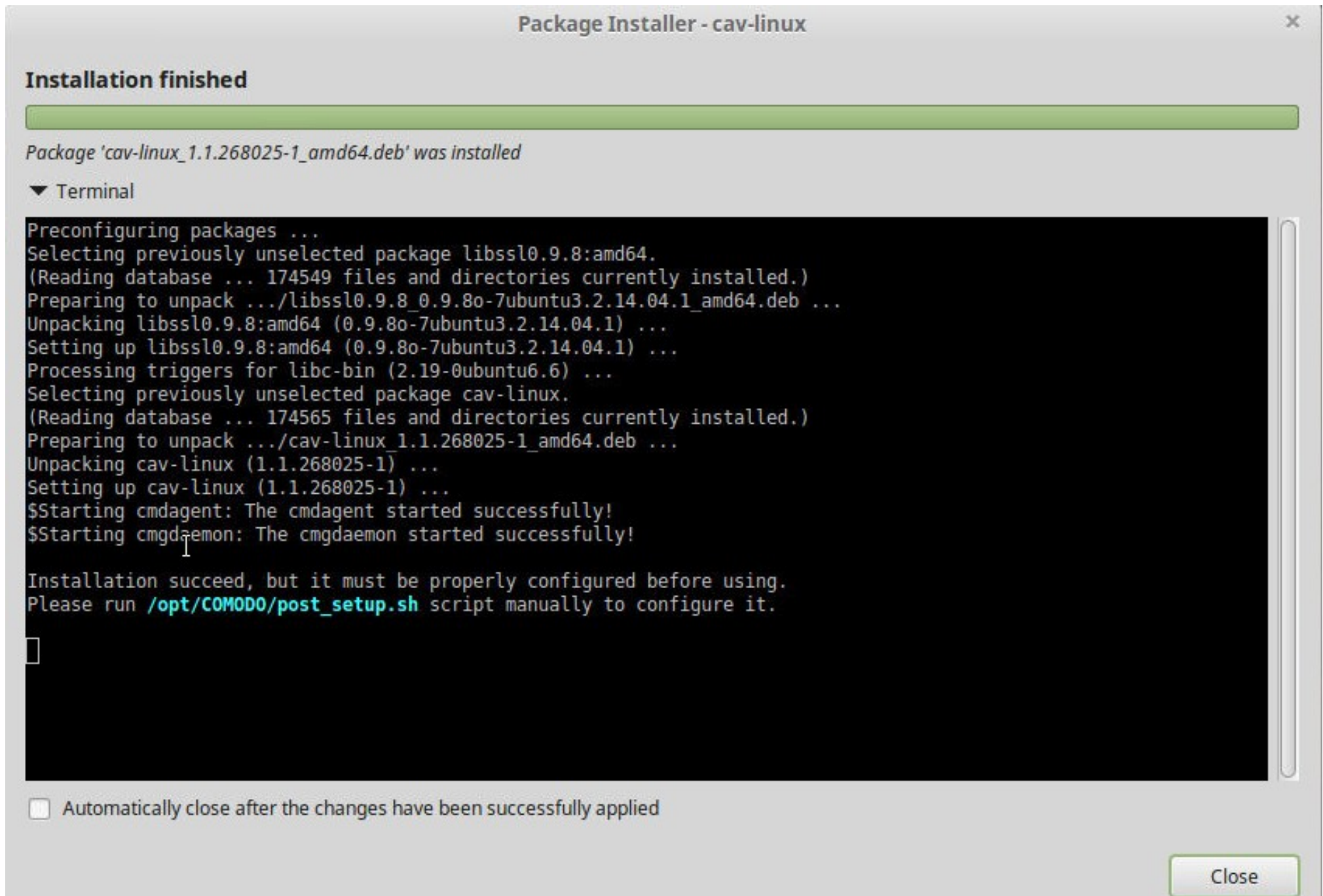
COMODO Antivirus and Mail Gateway for Linux.

COMODO Antivirus provides real-time protection for file system. COMODO Mail Gateway brings inbound and outbound email security with real-time antivirus function.

After installation: Please run `/opt/COMODO/post_setup.sh` script manually to configure it. Please start COMODO from Menu or Desktop.

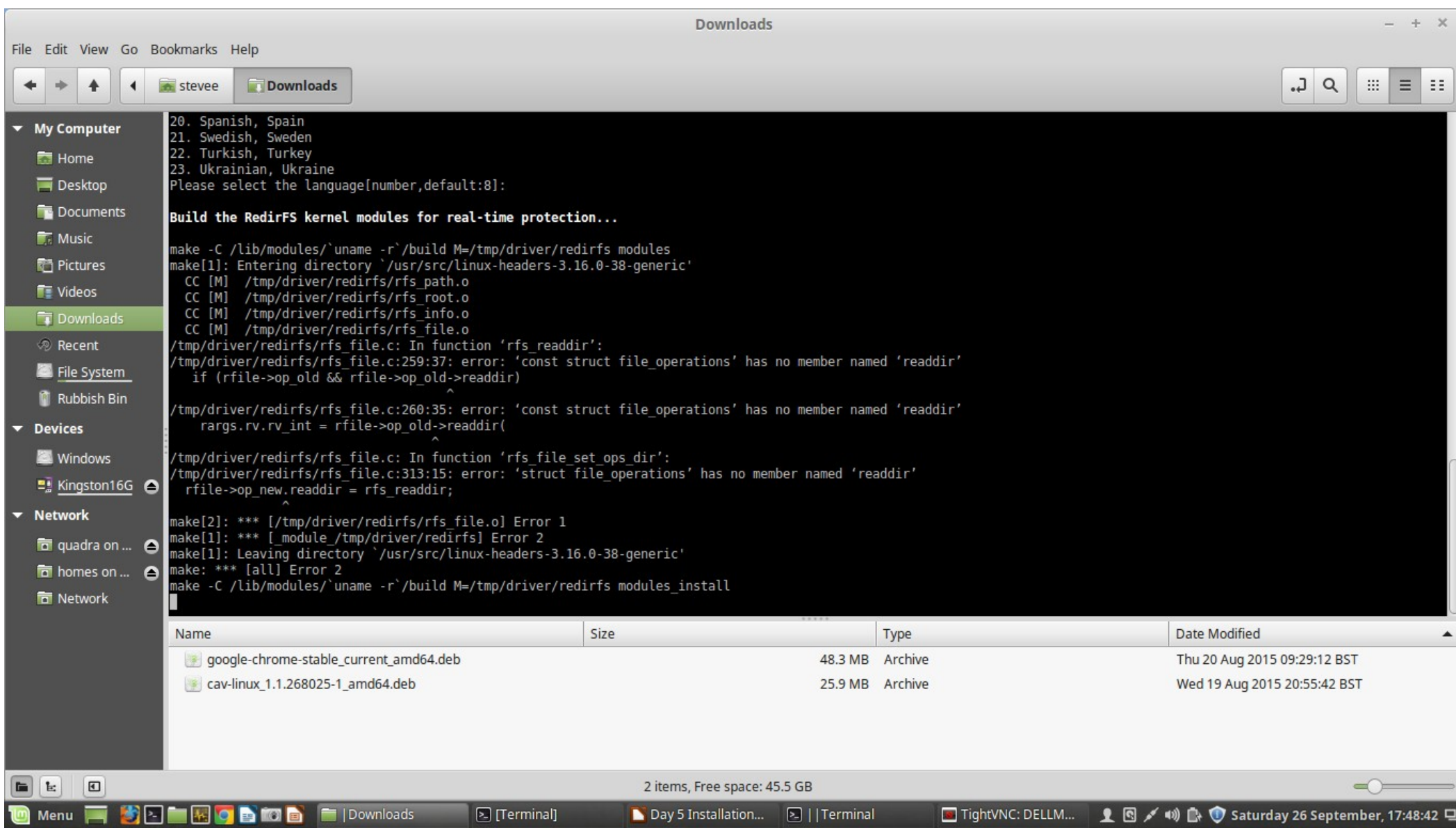
(Converted from a rpm package by alien version 8.86.)

To complete, it has to be compiled



Paste the blue text into Terminal

- `/opt/COMODO/post_setup.sh`
- RTN/SPACEBAR to End License and Agree YES all



Open CAV from Desktop icon and update virus definitions



This AV is more about Windows file infection than Linux

- Do `sudo apt-get install chkrootkit rkhunter` and run them (`rkhunter -c`)

- <https://www.youtube.com/watch?v=s2g9lgYrYJM>

- Why has Windows many more virus threats?

- Cover historic financial/social/political reasons

<https://www.youtube.com/watch?v=A4EE23IN5p4>

- Research some malware types: virii (spread via attachment), trojans (not as they appear to be; backdoors, keyloggers etc.), worms (spread via net/flaws), root kits (hide their processes while doing other things)

Backup Software – 3 main rules of computing:

Rule 1 – BACKUP somewhere! Storage is CHEAP!

Rule 2 – BACKUP elsewhere! Pendrives are CHEAP!

Rule 3 – you get the idea...there will be no loss sympathy...



BackupTool uses rsync behind the scenes

- Rsync is a very efficient incremental BU tool
- `rsync /source /destination --progress --dry-run`
- Try a simple rsync example from `cd ~`
- `rsync Documents Downloads/ --progress -vrn`
- Read my rsync man page summary here:
<http://www.stevepedwards.com/DebianAdmin/basic-useful-rsync-usage-summaries-from-man-page/>
- Research Backup types: full, differential, incremental...

Day Summary

- Package installation using apt-get, Gdebi
- Comodo AV install; .deb and compile parts
- Malware Intro, chkrootkit, rkhunter -c
- Virus History video – “Brain” - First PC virus 1986
- Top 15 “Worst” virii...? Video
- Backup Tool
- Rsync
- A little test of the course topics...???

Further Reading

http://www.comptechdoc.org/os/linux/usersguide/linux_ugfilesp.html

View other virus links off:

<https://www.youtube.com/watch?v=s2g9lgYrYJM>

<https://www.youtube.com/watch?v=A4EE23IN5p4>

Free Linux PDFs on my main site page:

<http://www.stevepedwards.com/DebianAdmin/>

https://en.wikipedia.org/wiki/History_of_Linux

https://en.wikipedia.org/wiki/List_of_Linux_distributions