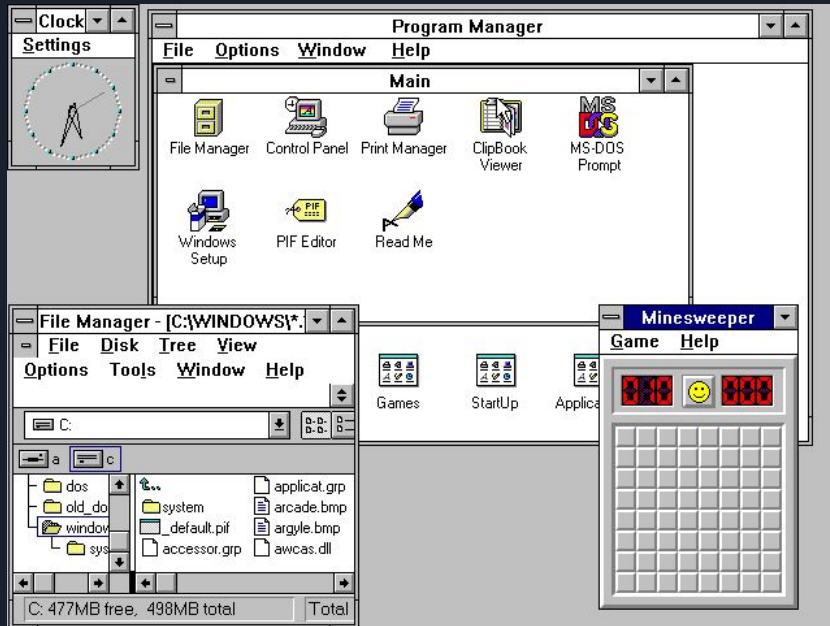# Jason Paul
Intro to Linux and Free Software

January 9, 2023

Who is Jason Paul?

- Born in Winnipeg, MB.

- Been using Linux since 2001.

- Living in Waterloo Region since 2004.

- Find out more about me at my website:
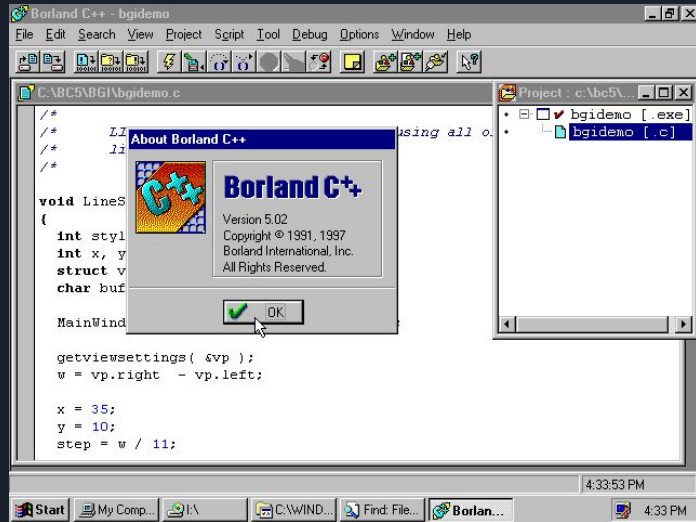 https://www.linuxtek.ca/contact/
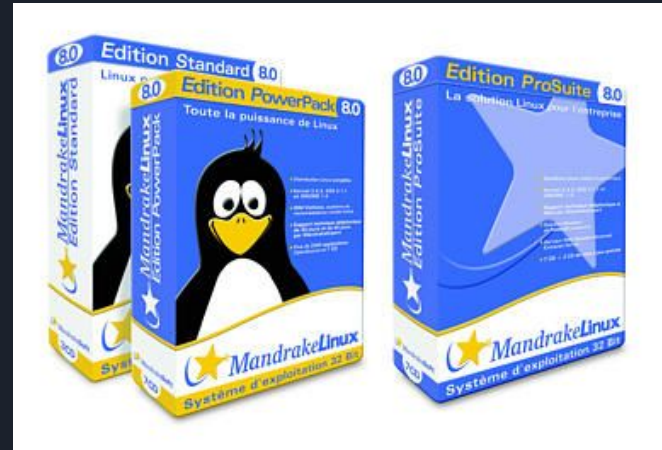
1995 - 2000: Pre-Linux Technology

- DOS, Windows 3.11 and Windows 95.
- Learned to program in QBasic, Visual Basic, Turbo Pascal, and Delphi in school.

2001: First exposure to Linux and Free Software

- Went to Carleton University in 2001 for Software Engineering.
- Mainly learning Java and C++ programming.
- Literally writing code in Notepad on Windows 98.

2002: Experimenting with distros

- Testing out distributions - Mandrake 8, Red Hat 6, Gentoo, FreeBSD.
- Building Gentoo Linux from Stage 1 with bootstrap, compiling kernel, building programs from source.
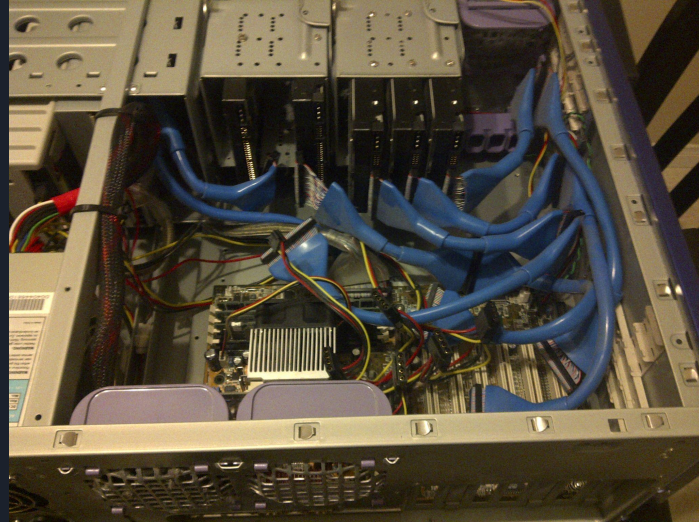- Using Red Hat 5 and 6 in college.
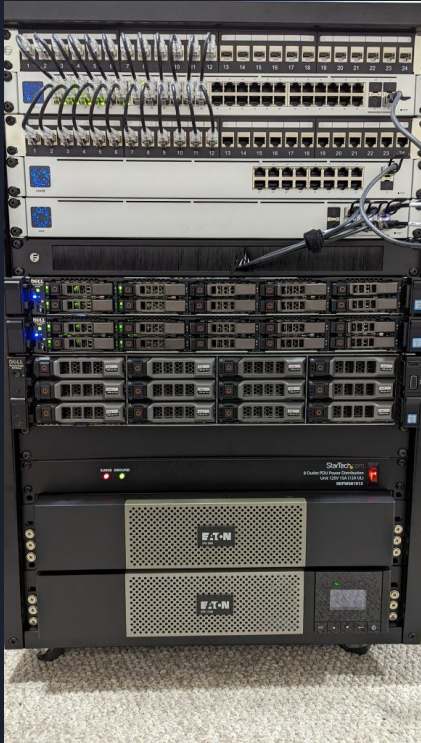
2002-2004: Building a homelab

2004: Moved to Waterloo - RIM

- Moved to Waterloo, started at Research In Motion (BlackBerry) in May 2004 in Desktop Support.
- Built NAS using Pentium III running Gentoo with 4x160GB drives in software RAID-5 (480GB capacity).

2022: Current Day

- Homelab with Dell PowerEdge servers running VMware ESXi
  - Looking to switch to Proxmox or OpenStack.
  - More details on my current homelab in the session on March 6, 2023.
- NAS running TrueNAS SCALE on Dell PowerEdge R730XD.
- Main Desktop Linux preference is Linux Mint with XFCE.
- Mostly Ubiquiti network hardware for multiple VLAN Support.
- Using PFSense on an Intel NUC for house router.
- Running FreePBX in a virtual machine to support house phones.
- Running Docker containers on TrueNAS and on some VMs.

Questions?