

Intro to VTLUUG

“Hacking on boxen since 1997”

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ATCHUNG

DISCLAIMER:

I WROTE THIS OVER MY MORNING COFFEE. THERE WILL BE ERRORS. MY INTERPRETATION OF HISTORY IS NOT THE SAME AS EVERYONE ELSE'S! GET OVER IT.



History: 90s

- ▶ VTLUUG founded in fall of 1997
 - ▶ At this time, there were already a Sun Users Group and Mac Users Group; Why not a Linux Users' Group?
 - ▶ Name was originally VTLUG; changed to "Linux/UNIX Users' Group" circa 1999, but had BSD users before then.



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 - ▶ Name was originally VTLUG; changed to "Linux/UNIX Users' Group" circa 1999, but had BSD users before then.
- ▶ 1998-12-05: First recorded installfest held in squires.
- ▶ 1999: Beowulf Cluster v1 completed



History: Aughts

- ▶ 2004: Club briefly ceased to exist
- ▶ 2005: under Ben Hilburn (HokieTux), installfests were restarted, along with other talks and events.
- ▶ 2006: registered as non-profit with IRS (this status has lapsed)



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- ▶ 2006: registered as non-profit with IRS (this status has lapsed)
- ▶ 2007: Current Hokies Linux logo finished, Hokie Linux project started
- ▶ 2009: Cov became president, club officially renamed to “Linux and Unix Users Group at Virginia Tech” due to school policy.



History: Teens

- ▶ 2010: Cyber Security Competition held, Wood built from SEC and SBB funding, under Cov's leadership
- ▶ 2011: Participation in CCDC, Uniluug and Gobblerpedia launched, under James Schwinabart (mutantmonkey)
- ▶ 2012: krb5 auth for vtlug servers, 15th anniversary of LUUG, VTCSEC launched by members of LUUG



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- ▶ 2017: ???



About us

Why do we exist?

- ▶ To promote use of Linux and *BSD at Virginia Tech, and provide support for those who do
 - ▶ Installfests
 - ▶ vtlug wiki
 - ▶ other events
 - ▶ We do this since the university refuses to commit their own resources towards doing so



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- ▶ To support the use of open data and free software
 - ▶ OSM days
 - ▶ gobblerpedia



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 - ▶ Shell accounts
 - ▶ tech talks



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- ▶ To provide resources for member-driven projects
 - ▶ hokieprivacy.org
 - ▶ tahoe-lafs



Current Projects

We want **YOU** to help with our existing projects, or start new projects utilizing our resources

- ▶ vtlug.org
 - ▶ Currently a mess: our site used to be dynamic; now a static mirror of it
 - ▶ Wiki has indexing issues and is mostly out-of-date
- ▶ bash.vtlug.org exists
- ▶ gobblerpedia.org needs people to help document; tell your friends!
- ▶ hokieprivacy.org needs people to review. Most current maintainers are non-students



Broken Projects

These projects are dead or unusable; if they sound interesting to you, you're welcome to own them.

- ▶ map.vtluug.org was an overlay of OSM
- ▶ git.vtluug.org previously had gitweb. this is probably unneeded these days
- ▶ We once ran a tor intermediate relay. meh.
- ▶ mirror.ece.vt.edu was previously a vtluug member project.
- ▶ auth on vtluug infra is a hot mess
- ▶ Tahoe-LAFS is pretty broken, but I think mhazinsk owns it



Proposed projects

Someone once thought some of these would be a good idea

- ▶ Diaspora* Pod
- ▶ User web hosting
- ▶ User LXC hosts
- ▶ RPi/SBC colocation



Plan for the year

This part is where we openly discuss what we want to see happen for the year.

Remember: VTLUUG is member-driven: if you want to see something happen, **you** have to say you want it to happen, and **follow up** on it.



Industry Talks

I've been working with some companies to get industry talks lined up:

- ▶ Facebook (an alum works there) in mid October
- ▶ Virginia Cyber Range in November
- ▶ OnyxPoint at some point in the year (DOD contractor doing linux security)

If there are other companies you want to see (Cisco, Oracle, Redhat, etc.), **tell us!**



Past industry talks

These are some entities who've given talks in the past, and aren't strictly members:

- ▶ Randy Marchany, from the ITSO
- ▶ Booz-Allen
- ▶ Facebook
- ▶ VTTI
- ▶ Phil Benchoff (VT Hostmaster)



Member Talks

If you have something you know something about, we want **you** to give a talk on it. Here are some past examples:

- ▶ Lyle: Multics and Old Stuff
- ▶ jkh: How SSL works
- ▶ telnoratti: cgroups and Linux namespaces
- ▶ ackthet: Lambda Calculus (intro talk to Haskell)
- ▶ lukas: intro to Ruby and Ruby on Rails (3-part talk)
- ▶ filibustr/nluther: Zero-knowledge authentication
- ▶ mhazinsk: Intro to Ansible
- ▶ johnv: The man, the myth, the legend: Richard M. Stallman



Member Talks

Does all that sound imposing?



Member Talks

Does all that sound imposing?

That's **fine**; if you want to give a talk on **any** topic, whether it be free software or your undergrad/grad research, that you think could be interesting, we're willing to schedule it, especially if it has to do with free software and/or linux



QUESTIONS?

