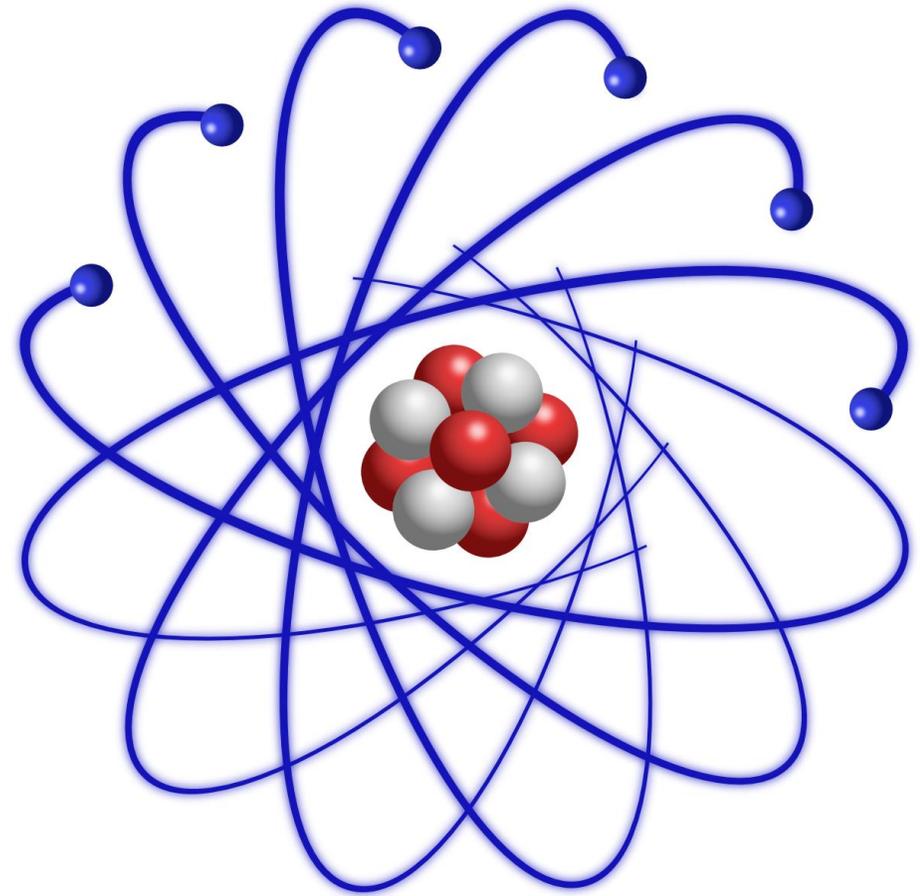


Linux at Fermilab

June 28 2017

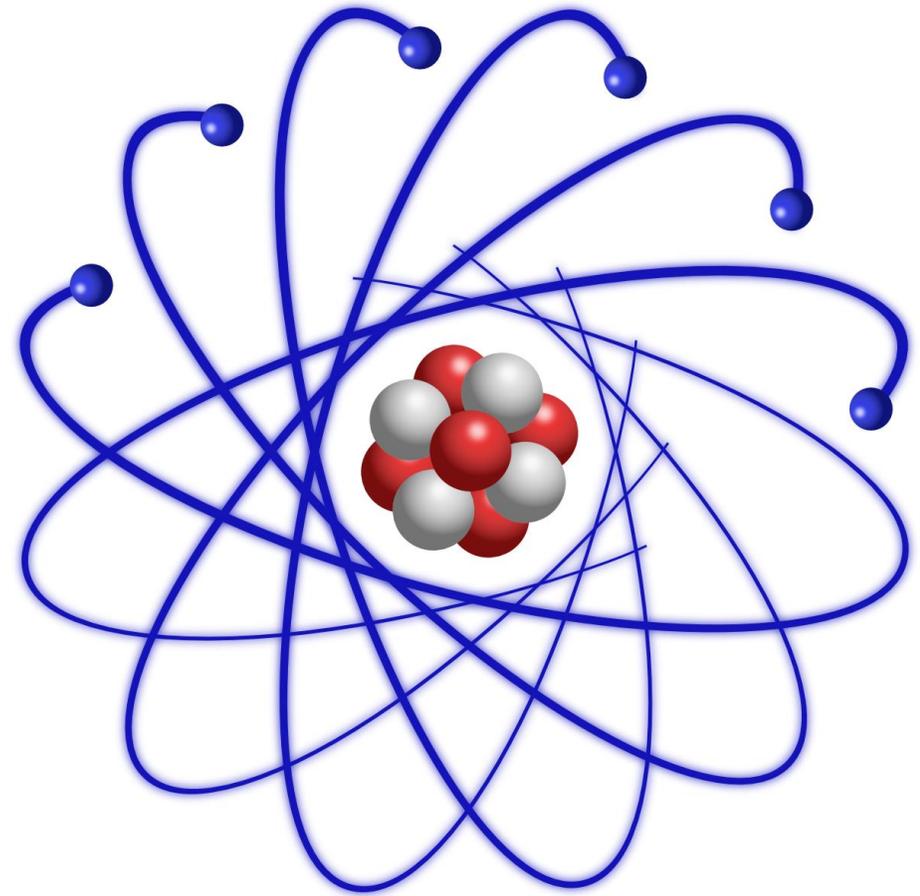
SL/F news

- RHEL 7.4 in beta (May 23)
 - <https://www.redhat.com/en/about/blog/red-hat-enterprise-linux-74-beta-now-available> for features
- Clustering tools rebased to latest master
- Ansible now integrated
- Python tries to validate SSL/TLS by default
 - Disable in `/etc/python/cert-verification.cfg`



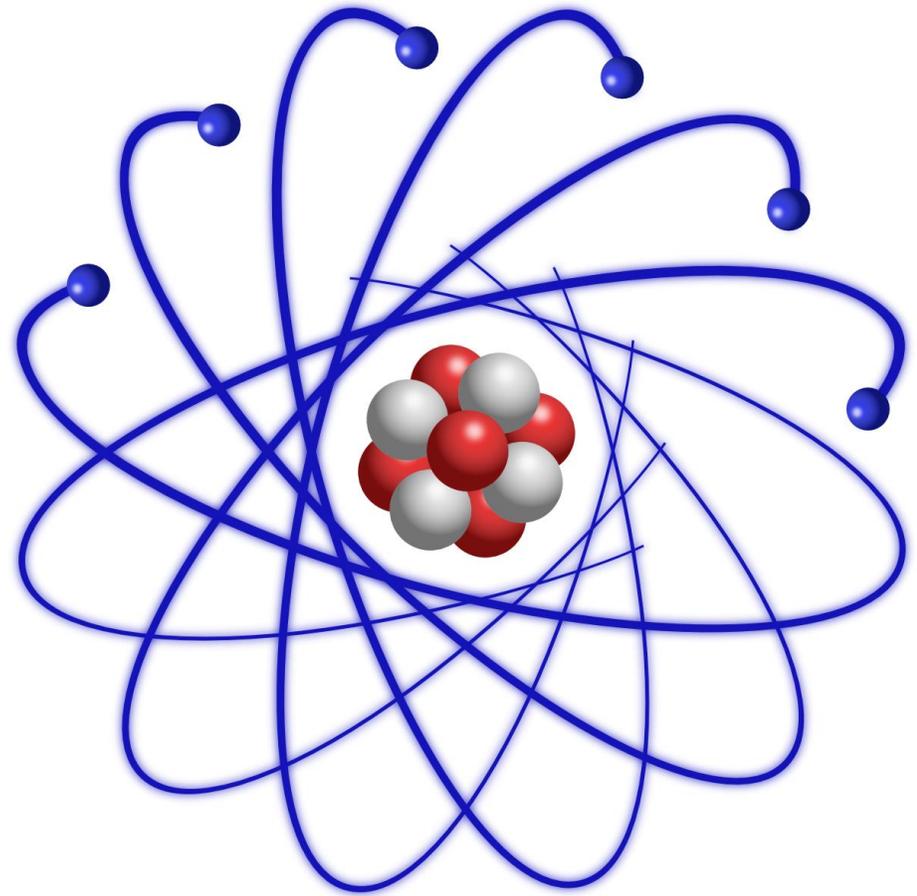
SL/F news

- RHEL 7.4 in beta (May 23)
- Kickstart %onerror runs when anaconda fails
- OpenSSH now supports external config files (conf.d style)



SL/F news

- RHEL6 is in Production Phase 3
 - "security errata only"; no Enhancements



SL/F news

- rpcbind security updates from May 21 2017 were broken
 - rpcbind crashed under certain conditions (interaction between ypbind, ypserv, IPv6 addresses)
 - June 13 Fastbug updates contained a fix and were pushed to security in SL/F 6&7 to supersede the buggy package upon update
- Bad:
 - 6:
 - ~~rpcbind-0.2.0-13.el6_9~~ 😞
 - 7:
 - ~~rpcbind-0.2.0-38.el7_3~~ 😞
 - Good:
 - 6:
 - **rpcbind-0.2.0-13.el6_9.1** 😊
 - 7:
 - **rpcbind-0.2.0-38.el7_3.1** 😊

"stack clash"

- Troubling memory management vulnerability disclosed June 19
 - Affects Linux, OpenBSD, NetBSD, FreeBSD, and Solaris, on i386 or amd64
 - Kernel and glibc fixes already available in SL and SLF!
 - Not declared critical by Computer Security
- <https://blog.qualys.com/security-labs/2017/06/19/the-stack-clash>
- Contact Bonnie for link to excellent June 19 LWN.net (Linux Weekly News) article

Penguicon 2017

- "Scientific Linux: Science from the Penguin" at Penguicon 2017

