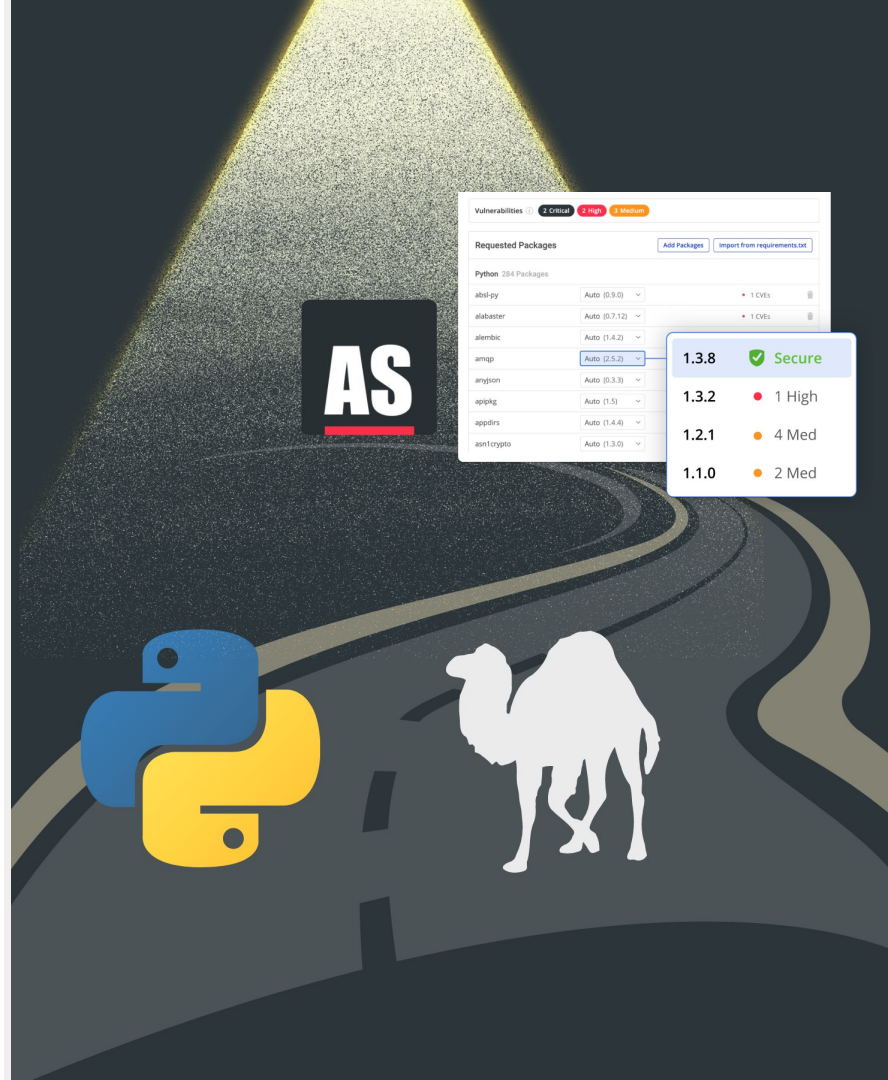


# ActiveState

Beyond ActivePerl/Python  
Universal Package Management with  
The ActiveState Platform



## About ActiveState



Used by Millions of Developers and 97% of Fortune 1000

20+ Years of Open Source Language Experience

# Introductions



Pete Garcin  
Director of Product



Dana Crane  
Product Marketing Manager

# Housekeeping

- Ask questions in the Q&A tab
- There will be a poll midway through and a survey afterwards - your feedback is valuable
- Recording of this will be available and sent to you

# ActiveState

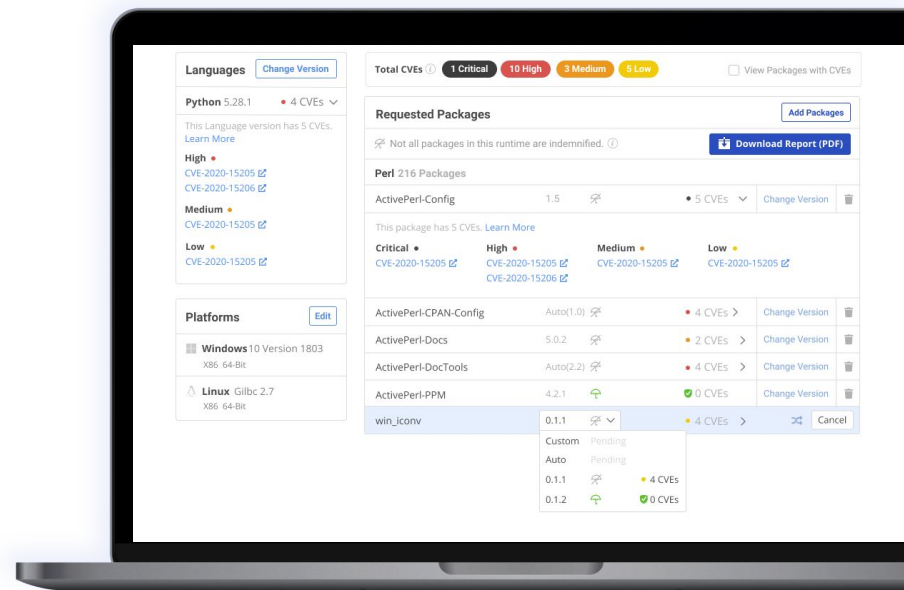
## Agenda

- Why are we sunsetting ActivePerl and ActivePython Community Editions?
- How the ActiveState Platform solves one-size-fits-all problems

## Retiring ActivePerl & ActivePython CE

Replaced with ActiveState Perl and ActiveState Python:

- For Windows, Linux and macOS (Beta)
- Just a version of the language + State Tool
- Available on the ActiveState Platform



# “One Size Fits All” Advantages

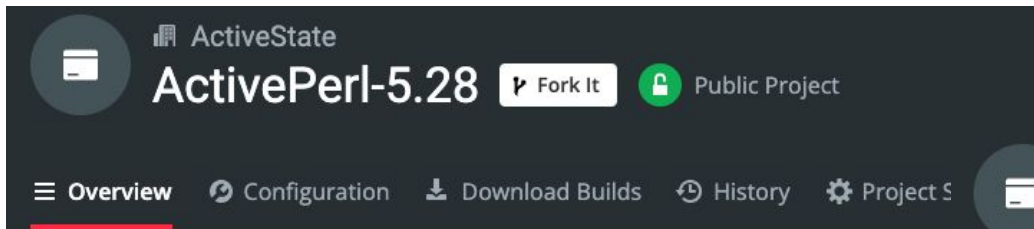
- Tried and true
- Simple, quick and easy to get up and running
  - Hundreds of pre-built popular packages out-of-the-box
- Ability to standardize environments

# “One Size Fits All” Disadvantages

- Quickly become outdated, compromising security
  - Can result in larger application footprints, increasing the attack surface
- Raise the chances of license conflicts in your codebase, compromising compliance
- Install globally rather than in a virtual environment, making them prone to corruption



## Vulnerabilities



ActiveState  
**ActivePerl-5.28** Fork It Public Project

Overview Configuration Download Builds History Project S

Support your mission-critical applications with the world's most trusted Perl distribu

Vulnerabilities ⓘ 1 Critical 6 High 4 Medium 1 Low 1 Unscored



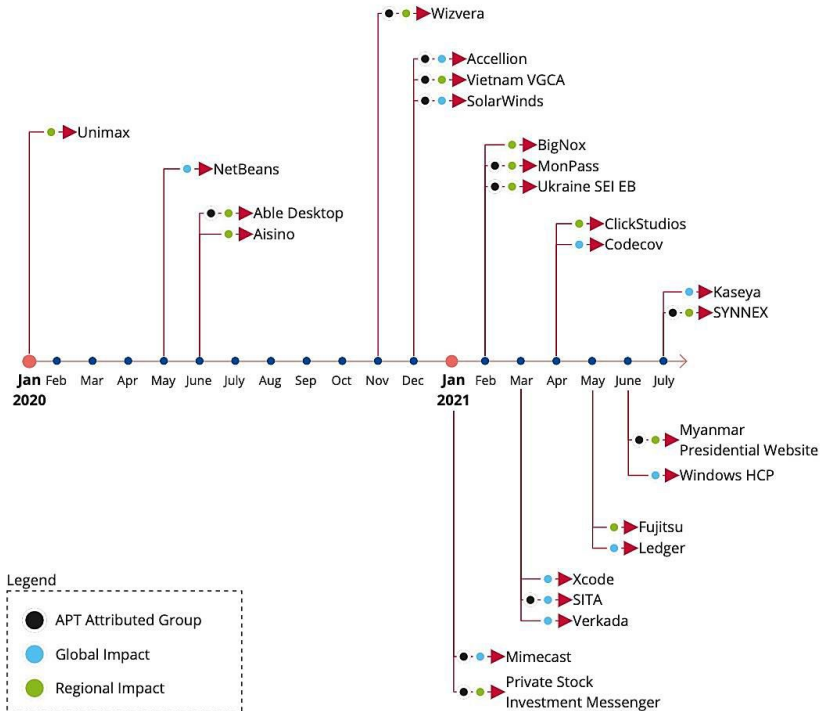
ActiveState  
**ActivePython-3.8** Fork It Public Project

Overview Configuration Download Builds History Pro

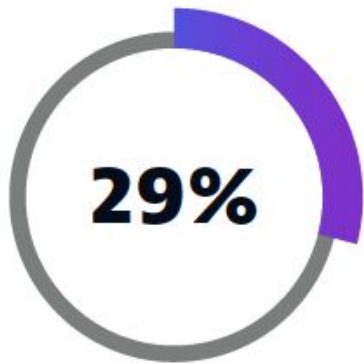
Accelerate your data science and software development with this production-r

Vulnerabilities ⓘ 9 Critical 90 High 108 Medium 2 Unscored

# Supply Chain/Dev Environment Attacks



# Cost of Vulnerabilities



is the average proportion of time application security teams in large enterprises (1,000+ employees) spend each week doing vulnerability management tasks that could be automated\*

**\$1.51**  
**million**

is the average annual labor cost organizations incur for the time their application security teams spend on manual vulnerability management tasks that could be automated\*

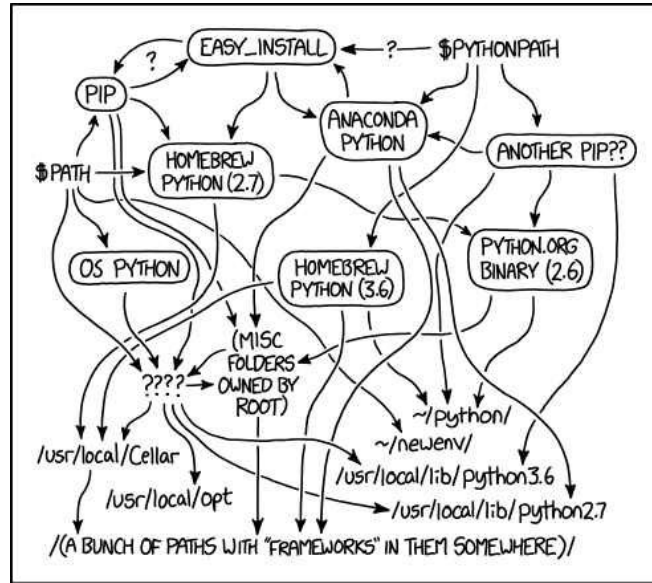
Source: Dynatrace Global CISO Report

# License Conflicts

License conflicts typically result in one of three major impacts:

- Software shipping is delayed due to license reviews
- Year-end audits/license reviews expose organizations to risk.
- Ongoing work is interrupted by emergency licensing reviews needed to meet customer, regulatory, or due diligence requirements.

# Environment Corruption



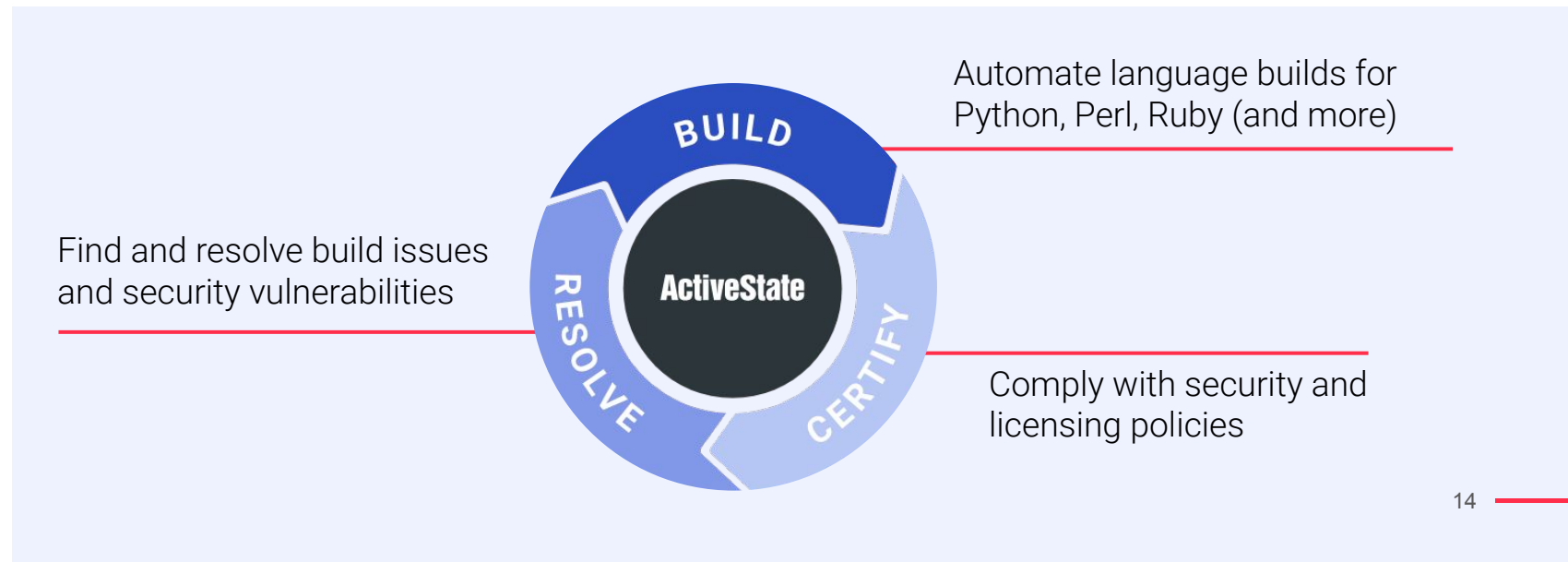
Source: XKCD

MY PYTHON ENVIRONMENT HAS BECOME SO DEGRADED THAT MY LAPTOP HAS BEEN DECLARED A SUPERFUND SITE.

# ActiveState

## OUR VISION

# The ActiveState Platform for Open Source Languages



## Centralized For Everyone



### DEV/QA

Verify best practices in development & deployment



### AUDIT

Check for:

- out-of-date libraries
- vulnerabilities
- licensing issues



### APPLICATION INFO

DEV • TEST • CI/CD • PROD



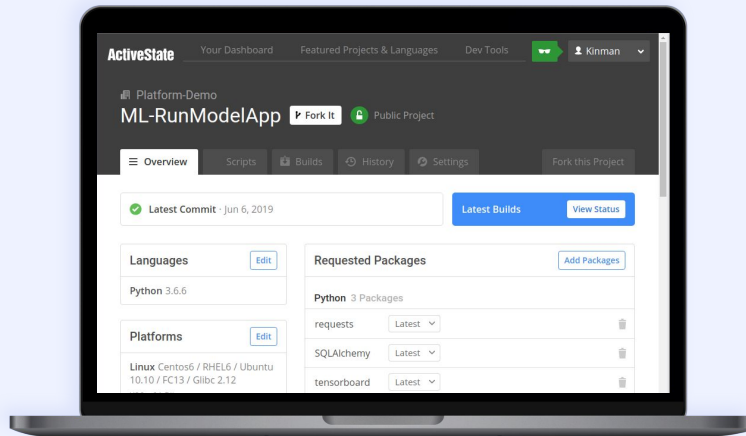
### COMPLIANCE

- Licensing info
- Unrecognized packages



### INFOSEC

- Vulnerability info
- Application risk profile



# ActiveState Platform Advantages

- **Secure Supply Chain** – packages are automatically built on demand from source code.
- **Faster Vulnerability Remediation** – identify, resolve and automatically rebuild a secure environment in minutes.
- **Eliminate Environment Corruption** – virtual environments in which you can see the cascading impact on all dependencies BEFORE upgrading.
- **No Dependency Hell** – advanced, automated dependency resolution, as well as solutions to conflicts.
- **Software BOM** – a simple way to get all the dependencies in your project



## ActiveState

Poll: What % of time do you spend:

- Maintaining
- Upgrading
- Troubleshooting
- Remediating environments?

# Adopting the ActiveState Platform

- Pre-built distributions vs Custom environments
- Global environments vs Virtual environments
- Prebuilt packages vs Built from source
- Static environments vs Dynamic environments

**Open Source Supply Chain Security**

Platform Demo

## Licensing

Old licensing terms:

- ActivePerl & ActivePython were free for development use

New licensing terms:

- Features “open source licensing” rather than ActiveState’s proprietary licensing
- Free for individual use (one “active runtime”)
  - An active runtime is a language distribution from ActiveState that is dynamically activated
- Commercial Support available on Team and Enterprise Tiers

# ActiveState

## Q&A

Try the ActiveState Platform

<https://platform.activestate.com/>

Book a demo for your team

<https://www.activestate.com/get-demo/>

ActiveState Community Forum

<https://community.activestate.com/>