

# AUTOMATE YOUR LANGUAGE BUILDS

## Fast Facts

### SPEED

Automate the build cycle & install project runtimes with one click.

### CONSISTENCY

Use a standard runtime environment team-wide & automate updates.

### PERFORMANCE

Select only packages you need, no more bloated builds.

### REPRODUCIBILITY

Use pinning to reproduce builds even if dependencies change.

### TRUSTED SOURCE

Use ActiveState's vetted & maintained libraries, packages & modules.

### YOUR WORKFLOW

Don't change workflows, work the way you need.

## Build in Minutes, not Months

Keep your open source language distributions up to date and consistent across teams at scale, *fast*. Build your open source language distribution in minutes, not months.

Automate build engineering and dependency management of your open source languages. The ActiveState Platform:

- Pulls in all dependencies
- Resolves dependency conflicts, if possible
- Builds your runtime environment in minutes.

### CHOOSE THE LANGUAGE, PACKAGES AND OUTPUT FORM FACTOR.

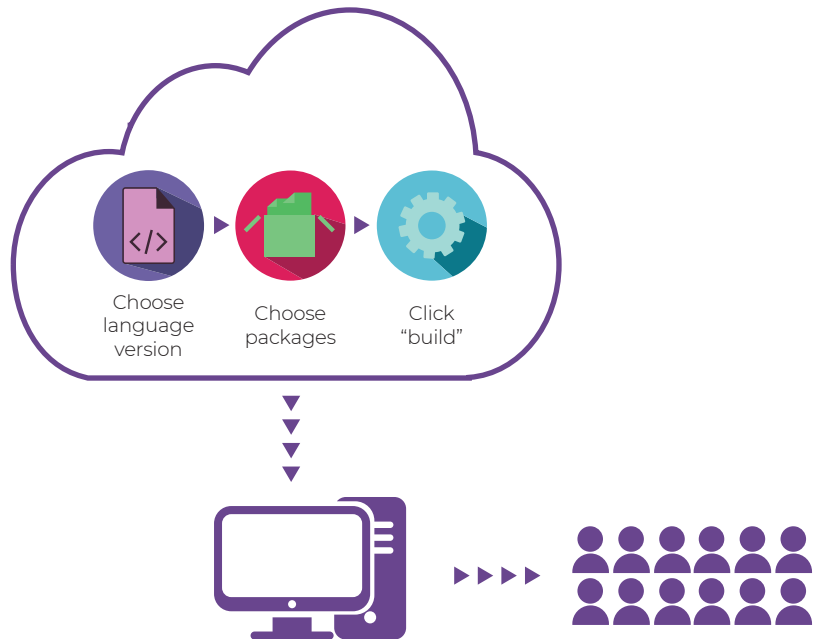


Figure 1: ActiveState Platform automatically builds open source language distributions.

The ActiveState Platform allows anyone to: pick a language and version; pick a platform to deploy on (Linux, Windows, Mac) and choose third-party packages. Once the language distribution is built you can download and install it on your machine, store in corporate repositories or even share with team members.

# AUTOMATE YOUR BUILDS

## A NEW SOLUTION TO AN OLD PROBLEM

The ActiveState Platform is a cloud-based system that automates the building and updating of open source languages.

### You won't need to:

- Assemble required third party libraries
- Create build environments to compile and debug the libraries
- Resolve dependency conflicts
- Check licenses to ensure compliance with corporate policy

## HOW DO YOU BENEFIT?

### Decrease "works on my machine" Incidents

Standard runtime environment team-wide, automatically built and updated.

### Reduce Resource Costs

Before multiple personnel were required to find, diagnose and fix problems with the runtime build process; now with the ActiveState Platform it takes just one person.

### Eliminate Wasted Build Cycles

Quick and easy to discover which third party libraries can and cannot be built.

### Gain Stable, Reliable Runtimes

Access a curated set of stable, well maintained, non-GPL libraries, packages and modules appropriate for enterprise use.

### Reduce Onboarding & Project Startup Time

Download and install your project's runtime with a single click, streamline development environment creation.

Contact us to get your own **personalized demo** or create a **free account** to try it for yourself.

## FEATURES

### Automated Language Builds

Perl 5.10+, Python 3.66+, with popular packages, modules & libraries from third-party ecosystem (eg PyPI)



### Dependency Resolution

Automatically pulls in all dependencies and flags conflicts

### Automated Updates

Platform automatically rebuilds your runtimes with the latest versions of libraries, packages and modules



### Build Pinning

Revert to any runtime environment with a click, ensuring build reproducibility

### Version and Commit History

View a history of all runtime builds; trace how a runtime evolved over time



### Forking

Fork any project to quickly modify it for your needs

### Project Teams

Team members that join your organization can share access to the runtime environment for your project

