The (Active)State of Tcl

22nd Annual Tcl Conference
Brad Harder, Lead Language Developer - Tcl
ActiveState Software, Inc.
Outline

Introduction

The (Active)State

Tcl in Review
About ActiveState

Founded in 1997, ActiveState is a global leader in software application development and management solutions.
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16+ years focusing on open source dynamic languages.
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16+ years focusing on open source dynamic languages.

Especially Perl, and Python, and Tcl.
About ActiveState

We support multiple languages across multiple platforms.
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Including AIX, HP-UX, Linux, MacOS X, Solaris, and Windows.
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Including AIX, HP-UX, Linux, MacOS X, Solaris, Windows, and NetBSD?
About ActiveState

ActiveState assists in the development, management, and distribution of dynamic languages to 97% of the Fortune 1000 Companies.
ActiveTcl Business and Enterprise Editions include our precompiled, supported, quality-assured Tcl distribution used by millions of developers around the world for easy Tcl installation and quality-assured code. When you're using Tcl on production servers or mission-critical applications, ActiveTcl Business Edition and Enterprise Editions offer significant time savings over open source Tcl for installing, removing, upgrading, and managing common Tcl modules.

If you are using ActiveTcl for production, redistribution, on terminal servers, for thin client for app deployment (i.e. on MS Terminal Services, Citrix XenApp or File Servers), or for use on HP-UX/AIX/Solaris then ActiveTcl Community Edition is not the right license for you. Please contact us for Business Edition or Enterprise Edition options.

Not sure which edition is right for you? Check out our Compare Editions chart.

Tested, Timely and Compatible

Save time in your development cycles by starting with a precompiled Tcl distribution for out-of-the-box installation and standardization across the operating systems you rely on, including Windows, Linux and Mac OS X (as well as Solaris, AIX, and HP-UX in Enterprise Edition). Develop once and deploy successfully across your production environment.

ActiveTcl Business and Enterprise Editions include:
ActiveTcl is the leading commercial-grade distribution of the open source Tcl programming language. Download ActiveTcl Community Edition for your development projects and internal deployments.

If you are using ActiveTcl for production, redistribution, on terminal servers, for thin client for app deployment (i.e. on MS Terminal Services, Citrix XenApp or File Servers), or for use on HP-UX/AIX/Solaris then ActiveTcl Community Edition is not the right license for you. Please contact us for Business Edition or Enterprise Edition options.

By downloading ActiveTcl Community Edition, you comply with the terms of use of the ActiveState Community License. Please refer to our documentation for install/uninstall instructions.
ActiveTcl Online

ActiveTcl 934 Toplevel Teapot entries...

List of all entities
- accesscontrol
- activeState:ActiveTcl84
- activeState:ActiveTcl85
- activeState:ActiveTcl86Fat
- activeState:ActiveTcl86
- activeState:ActiveTcl88Fat
- activeState:ActiveTcl88
- activeState:ActiveTcl88Basekits84
- activeState:ActiveTcl88Basekits86
- activeState:ActiveTcl88Basekits88
- activeState:activetcl:demos
- addressbook
- addressbook-contribs
- addressbook-extras
- addressbook-help
- addressbook-source
- aes
- appstorereceipt
- aquahig
- ascii85
- asn
- autoconnect
- autoprot
- autoscroll
- Banking
- base-tcl
- base-tcl-thread
- base-
ActiveTcl Online

ActiveTcl 934 Toplevel Teapot entries… up from 902 in 2014.
ActiveTcl Online

Currently shipping based on Tcl 8.6.4
Tcl Dev Kit (TDK)

Shipping 5.4.1
Tcl Dev Kit (TDK)

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All the essential Tcl tools for development:
Tcl Dev Kit (TDK)

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  Debugger - source level debugger with GUI
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  Checker - find errors without running applications
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  TclApp - create single-file executables of Tcl applications
Tcl Dev Kit (TDK)

Shipping 5.4.1

All the essential Tcl tools for development:
- Debugger - source level debugger with GUI
- Checker - find errors without running applications
- TclApp - create single-file executables of Tcl applications
- Compiler - protect your source code
Tcl Dev Kit (TDK)

Shipping 5.4.1

All the essential Tcl tools for development:

  Debugger - source level debugger with GUI

  Checker - find errors without running applications

  TclApp - create single-file executables of Tcl applications

  Compiler - protect your source code

  And more - code coverage, hotspots, inspector
Komodo IDE

Developer Tools
Dynamic Tools for Dynamic Languages

Komodo IDE | Komodo Edit | Perl Dev Kit | Tcl Dev Kit | Pro Studio

Professional Dev Tools
ActiveState’s developer tools are trusted worldwide for their quality, usability and support for the latest web technologies.

Buy Online

Komodo IDE
Multi-language IDE for professional developers

Perl Dev Kit (PDK)
Deployment and productivity tools for Perl applications
Komodo IDE

Komodo 9 Released: Better, Faster, Stronger!

Cross-Platform IDE for all your major languages, including Python, PHP, Go, Perl, Tcl, Ruby, NodeJS, HTML, CSS, JavaScript and more

TRY NOW
21 day fully functional trial

BUY NOW
choose the right license for you

Just want the basics? Check out Komodo Edit
Komodo IDE

Shipped 9.2.1 July
Komodo IDE

Shipped 9.2.1 July
Shipping 9.3 November
Komodo IDE

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Professional IDE for dynamic languages
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Unique Tcl editing features...
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Unique Tcl editing features… and support for Perl, Python, PHP, Ruby, JS, Go, ...
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Professional IDE for dynamic languages

Integration with TDK

Unique Tcl editing features… and support for Perl, Python, PHP, Ruby, JS, Go, …

Cross-platform (Windows, Linux, MacOS X)
Komodo IDE

9.2.1 Features

Code refactoring
Komodo IDE

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Code refactoring

Code collaboration (think: Google Docs for code)
Komodo IDE

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- Code refactoring
- Code collaboration (think: Google Docs for code)
- Multi-system preferences synchronization
Komodo IDE

9.2.1 Features

Code refactoring

Code collaboration (think: Google Docs for code)

Multi-system preferences synchronization

PHP and Python code profiling
Komodo IDE

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Code refactoring

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Multi-system preferences synchronization

PHP and Python code profiling

...and more. http://komodoide.com
ActiveState and Tcl

ActiveState participates in the Tcl community by…

- Improvements to open source Tcl core (current and emeritus staff (Jeff, Andreas) with commit bits or Tcl Core Team membership)

- Host of Tcl Developer Xchange - [http://www.tcl.tk](http://www.tcl.tk)

- Enterprise support infrastructure - ActiveTcl Business and Enterprise Editions

- Professional Services for Tcl
ActiveState and Tcl

ActiveState participates in the Tcl community by…

Providing high quality development tools…
ActiveState and Tcl

ActiveState participates in the Tcl community by…

Providing high quality development tools…

ActiveTcl ("Batteries Included" free distribution)

Komodo IDE (professional IDE with extensive Tcl support)

Tcl Dev Kit (essential tools for Tcl programmers)
ActiveState and Tcl

ActiveState participates in the Tcl community by…

Providing treats (Clif Flynt is the bearer of treats this week, details to be announced).
ActiveState and Tcl


Recipes »
Home of the Python Cookbook (and other languages).
4951 snippets to learn from and use.
Search the recipes or add your own.

Interesting
Python 3 recipes
Top rated Recipes
Reynold Hettinger's Recipes

The O'Reilly Python Cookbook
1st Edition
2nd Edition

Popular Recipes
Simple video with ctypes and OpenGL (Python)
Simple audio with ctypes and SoundAPI (Python)
high precision FPS (Python)
How a Python function can fail (Python)
simplify webpage (Python)
more...

Mailing List Archives »
Fast, no-nonsense archives of important mailing lists in the dynamic language communities.
Search the archives or browse individual lists.

Popular Lists
perl-win32-users
python-dev
php-announce
ruby-talk
tcl-core
more...

Lists by Language
Perl
Python
PHP
Ruby
Tcl
more...

PPM Index »
The Perl Package Manager for ActivePerl provides quick

PyPM Index »
The Python Package Manager for ActivePython provides quick

Komodo Bits »
(A start at) A place to get bits to get the most out of Komodo.

Welcome, guest | Sign in | My Account | Store | ""
ActiveState and Tcl

ActiveTcl Total Downloads (2015)

Daily Averages per Week

1,100

ActiveTcl
ActiveState and Tcl
Tcl

Shipping 8.6.4

~520 commits applied in Fossil (in all branches) so far in 2015

~760 ticket events

4 TIPs proposed

1 excited ActiveState enthusiastic to play hard again with Tcl
ActiveState

ActiveState had been focussed intensely on a private PaaS solution for the last 4 years.

This attracted attention in the industry.

Attention turned to “like”.

“Like” turned to “love”, and then HP purchased the operation outright.
ActiveState 2016

ActiveState is now able to focus solely on the core tools and languages that it loves. Like Komodo, and its familiar dynamic languages.

And Tcl is front and center.