



ActiveState Tcl Dev Kit



EASILY CREATE AND DEPLOY HIGH QUALITY TCL EXECUTABLES TO ANYONE, ANYWHERE

TCL DEV KIT (TDK) INCLUDES EVERYTHING YOU NEED FOR FAST DEVELOPMENT OF SELF-CONTAINED, EASILY-DEPLOYABLE APPLICATIONS. TURN YOUR TCL PROGRAMS INTO READY-TO-RUN EXECUTABLES, STARKITS OR STARPACKS, FOR WINDOWS, MAC OS X, LINUX, SOLARIS, AIX AND HP-UX.

Simplify development with tools for finding and fixing bugs, managing complex code bases and optimizing your programs. Easily reveal unused or overused code with the coverage and hotspot analyzer. Take control and work the way you want with a choice of GUIs or command line interfaces for most tools.

FEATURES

ActiveState Tcl Dev Kit extends the functionality of open source toolkit TclPro, with major updates or enhanced replacements of every original TclPro tool, plus several new tools to boost programmer productivity.





TCLAPP

Easily create and deploy self-contained Tcl executables to all major platforms.

- › Deliver small, seamless executables with sophisticated extension wrapping and dynamically linked Tcl and Tk libraries.
- › Run from the command line, or choose intuitive GUIs for visual guides to build options.
- › Ensure that code is always executed by a specific version of Tcl.
- › Deploy to systems with or without Tcl and extensions installed.

FEATURES

COVERAGE AND HOTSPOT ANALYZER

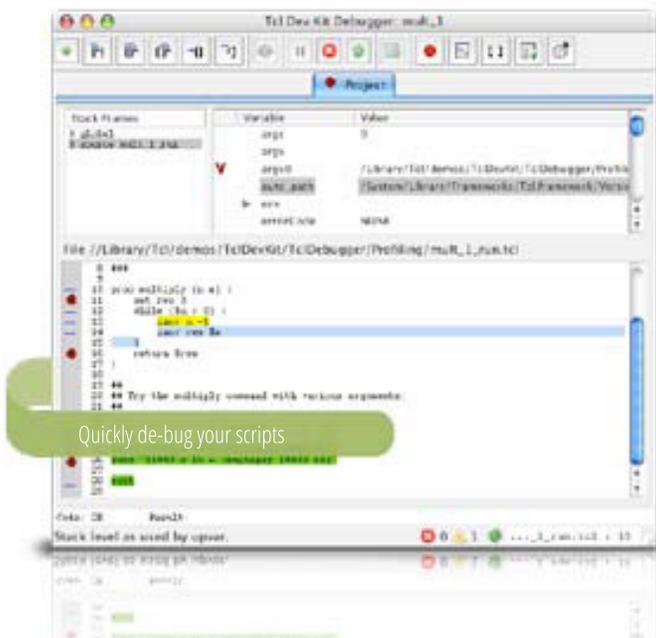
Improve code performance and reliability through coverage and hotspot analysis.

- › Determine which code has not been run and which files lack coverage.
- › Identify bottleneck code to address performance issues.
- › Analyze file by file and function by function.

COMPILER

Protect your source code and reduce application support.

- › Compile scripts independently of execution, then store for loading and executing when you need them.
- › Distribute bytecode files instead of source code to protect your intellectual property.
- › Simplify support by distributing code that cannot be modified by users.
- › Use with TclApp to create bundled applications that don't require special installation.



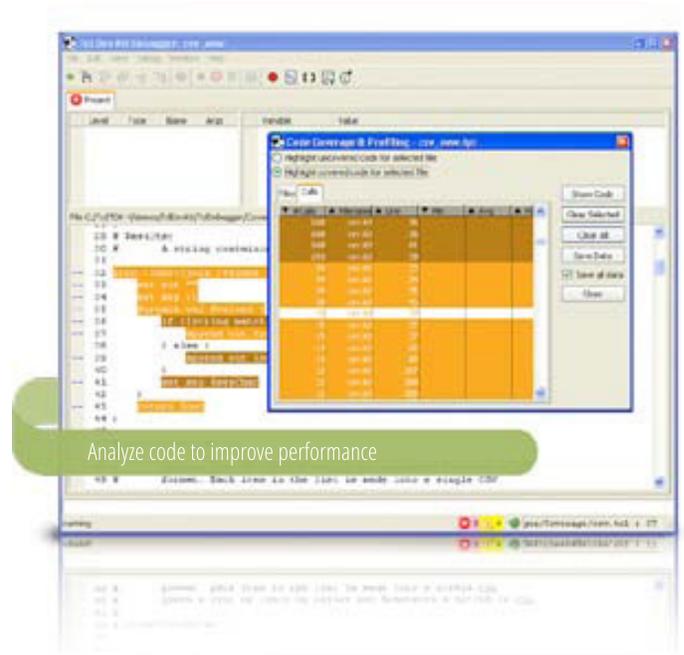


FEATURES

GRAPHICAL DEBUGGER

Quickly find and fix bugs in Tcl scripts.

- › Evaluate single Tcl commands, or run to the current cursor position in the code.
- › Display variable values for all accessible stack frames.
- › Display full stack information and navigation around the stack and source code when the application is stopped.
- › Set line- and variable-based breakpoints.
- › Enter code to be evaluated dynamically when the application is stopped.
- › Interrupt code to determine execution status.
- › Communicate with remote and embedded applications.
- › Debug multiple processes simultaneously.



Analyze code to improve performance

TCLCHECKER

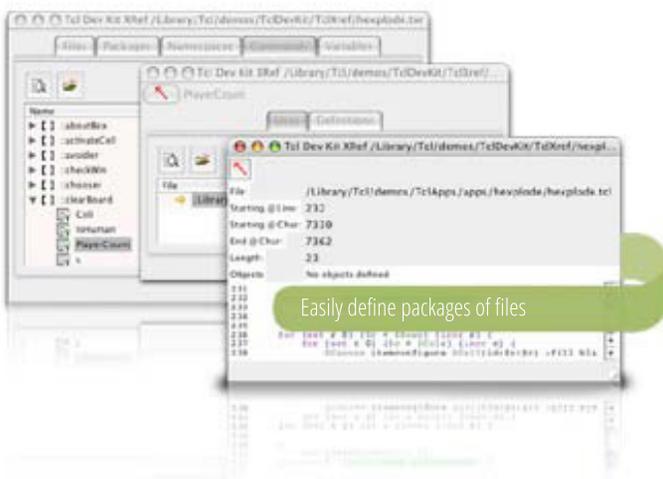
Find errors in Tcl scripts before they are run.

- › Uncover problems in new scripts, scripts from older versions of Tcl/Tk, or scripts ported from another operating system.
- › Assess the quality of a body of Tcl code.
- › Quickly examine large Tcl files.
- › Find potential incompatibilities to guide upgrades to current Tcl, Tk and [incr Tcl] releases.

INSPECTOR

Analyze Tcl and Tk applications as they run.

- › Organize and display application components by component type.
- › Display and modify component configuration on-the-fly.



Easily define packages of files



FEATURES

CROSS REFERENCE TOOL (XREF)

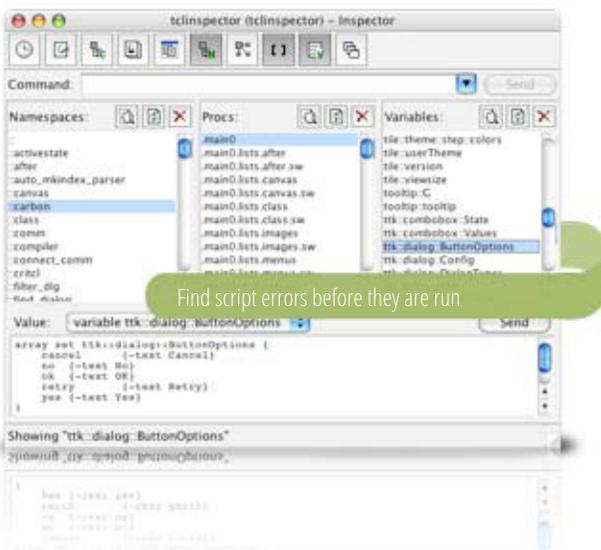
Simplify building, debugging and maintaining Tcl code.

- Understand complex code at a glance with a visual guide to where code is defined, declared, used and located.
- Easily view relationships among Tcl code components, including packages, files, namespaces, commands and variables.
- Extract Tcl component information from programs and packages contained in TclApp (or Prowrap) projects, Tcl Dev Kit Package definitions (".tap" files) and Komodo IDE project files.

TCL PACKAGE MANAGEMENT

Create, manage, export and use TEApot package repositories.

- TEAcup: Package management client for fetching, installing, updating and removing Tcl packages (part of ActiveTcl). TEAcup can also provide meta data on installed and available packages and can be used to search multiple repositories using complex queries.
- TEApot: Expose TEA repositories on a network via TCP/IP.
- TEApot-Admin: Manage "opaque" repositories on the local filesystem. Create new repositories, add and remove packages, list the repository contents and retrieve packages.
- TEApot-Pkg: Create TEA package archives from package sources and binaries. Tcl Dev Kit 4.0 is designed for professionals.



Steve Landers, Senior Consultant, Digital Smarties

"Tcl Dev Kit 4.0 is designed for professionals who care about quality. We specialize in developing cross-platform applications, many of which are written in Tcl. TDK simplifies the process at every stage. From creation to delivery, using TDK ensures our customers get highquality applications that are painless to deploy."



FEATURES

PACKAGE EDITOR

Define Tcl packages in TEApot or TclApp Package formats.

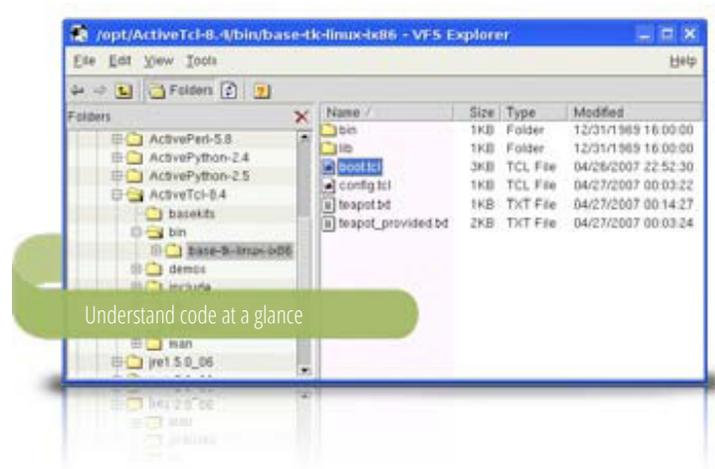
- Simplify TclApp application creation.
- Modify packages for re-use by multiple TclApp applications.

TCL SVC

Convert Tcl programs to native Windows services.

DOCUMENTATION

Easily master features through detailed tutorials and feature demos.



TclApp

Deploy your Tcl programs to anyone, anywhere.

Graphical Debugger

Quickly find and fix bugs in Tcl scripts.

Coverage and Hotspot Analyzer

Improve code performance and reliability.

Compiler

Protect your source code and reduce application support.

Cross Reference Tool

Simplify building, debugging and maintaining Tcl code.

TclChecker

Find errors in Tcl scripts before they are run.

Inspector

Analyze Tcl and Tk applications as they run.

Package Editor

Define Tcl packages in TEApot or TclApp Package formats.

Tcl Package Management

Create, manage, export and use TEApot package repositories.

TclSvc

Convert Tcl programs to native Windows services.



ActiveState Tcl Dev Kit

MINIMUM SYSTEM REQUIREMENTS

- › 80MB hard disk space during installation
- › 40MB hard disk space for final install
- › ActiveTcl version 8.4.9.1 or greater

Windows

- › x86 architecture only
- › Windows 2000 XP: No additional requirements.
- › Windows NT 4.0: Service Pack 5+ and Windows Installer 1.1+
- › Windows 98, ME: Windows Installer 1.1+

Mac OSX

- › PowerPC or Intel architectures
- › Minimum OS X 10.3 (PowerPC)
- › Minimum OS X 10.4 (Intel) Linux
- › x86 architecture only
- › Minimum 2.4 kernel

Solaris

- › SPARC or x86 architectures
- › Minimum Solaris 2.6 (SPARC)
- › Minimum Solaris 10 (x86)

AIX

- › PowerPC architecture only
- › Minimum AIX 5

HP-UX

- › PA-RISC architecture only
- › Minimum HP-UX 11



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ActiveState®

ABOUT ACTIVESTATE

ActiveState believes that enterprises gain a competitive advantage when they are able to quickly create, deploy and efficiently manage software solutions that immediately create business value, but they face many challenges that prevent them from doing so. The company is uniquely positioned to help address these challenges through our experience with enterprises, people and technology. ActiveState is proven for the enterprise: more than two million developers and 97 percent of Fortune 1000 companies use ActiveState's end-to-end solutions to develop, distribute, and manage their software applications written in Java, Perl, Python, Node.js, PHP, Tcl and other dynamic languages. Global customers like Cisco, CA, HP, Bank of America, Siemens and Lockheed Martin trust ActiveState to save time, save money, minimize risk, ensure compliance and reduce time to market.