

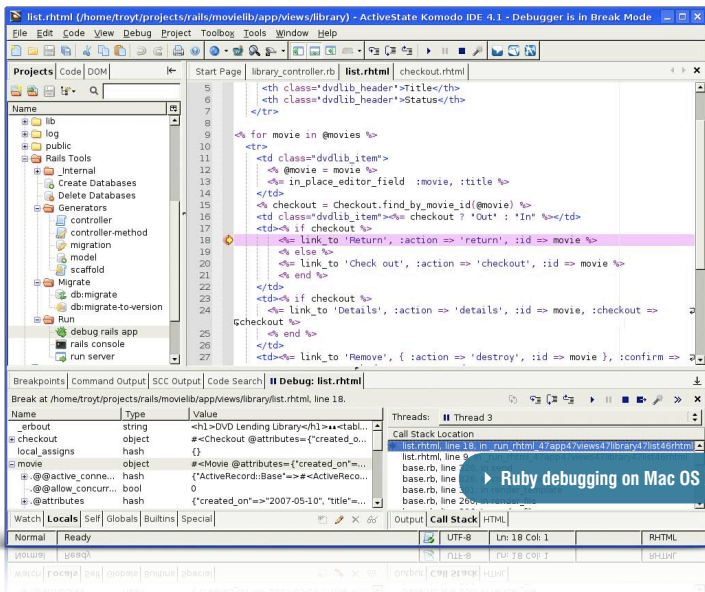
ActiveState

# Komodo IDE 4

Multi-platform, multi-language IDE for dynamic languages and Ajax technologies.

ActiveState® Komodo® IDE 4 is a powerful, multi-platform, multi-language IDE for end-to-end development of dynamic web applications. Komodo IDE makes creating robust web apps fast and easy, with a rich feature set for client-side Ajax technologies such as CSS, HTML, JavaScript and XML, coupled with advanced support for dynamic languages such as Perl, PHP, Python, Ruby and Tcl.

Award-winning features include comprehensive editing and debugging, plus intelligent tools for regular expressions, team development, customization and unparalleled extensibility. The result is a powerful coding environment for framework stacks like Ruby on Rails and CakePHP and client libraries such as the Yahoo! UI Library and Dojo. A single license covers you across Windows, Mac OS X and Linux.



Komodo IDE supports the full technology stack, so you can edit, test and debug all your sites and applications—server, browser, and the HTTP conversation that connects them—within a single integrated development environment.

## Server

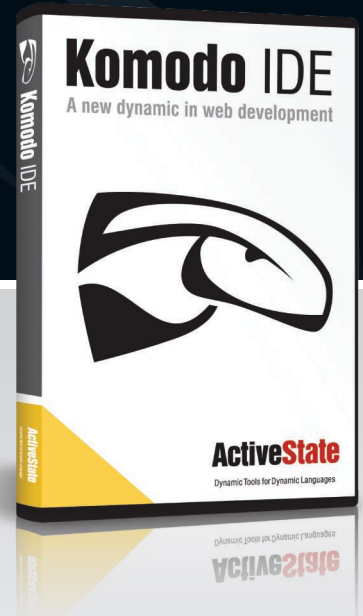
Komodo IDE's strengths in Perl, PHP, Python, Ruby and Tcl are the foundation for dynamic web application development. No other IDE offers anything close.

## Browser

Edit and debug sophisticated Ajax code, with full code intelligence, right alongside your server code. Advanced support for browser-side languages such as JavaScript, CSS, HTML and XML—even multi-language files.

## In-Between

Komodo IDE's HTTP Inspector lets you view requests and responses—even break and edit them—before continuing with the submission. Gain insight into the final piece of your web application puzzle, with interactive access to browser-server communication.



## Code

Effortlessly write quality code with the powerful multi-language editor.

## Fix

Find problems fast with industry-leading debugging capabilities.

## Share

Easily distribute project elements across multiple developers.

## Organize

Keep control with source code control integration and project organization.

## Extend

Create Firefox-like extensions to add advanced capabilities to Komodo's workspace.

## Personalize

Enhance your productivity with the fully-customizable workspace.

"Komodo IDE is the Swiss army knife of web development. It's quite possibly the coolest thing to happen to scripting languages since, well, ever."

Issac Goldstand  
Founder, Mirimar Networks

 [www.activestate.com/komodo\\_ide](http://www.activestate.com/komodo_ide)

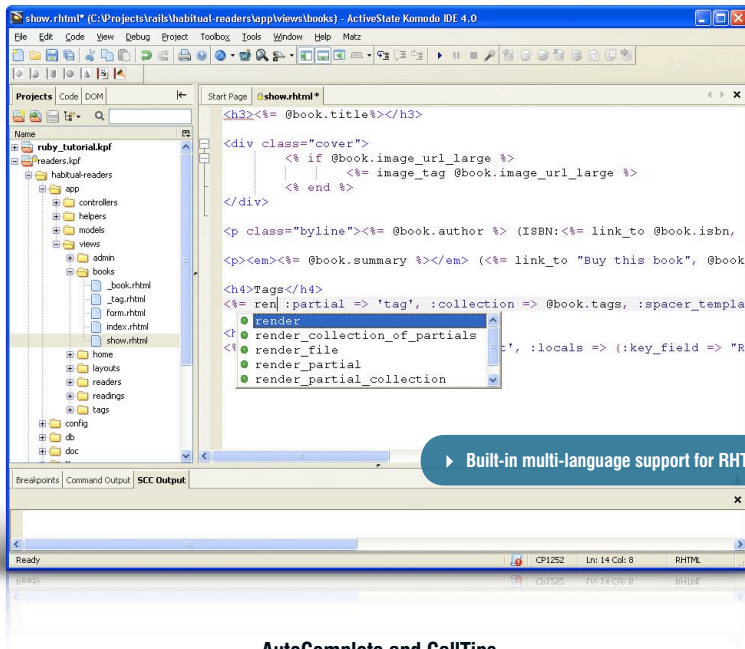
## Features

### Multi-language editor

Focus on what your code can do; let your editor sweat the details.

#### Advanced support for

- ▶ Browser-side languages: CSS, HTML, JavaScript and XML
- ▶ Server-side languages: Perl, PHP, Python, Ruby and Tcl
- ▶ Web template languages: RHTML, Template-Toolkit, HTML-Smarty and Django



#### AutoComplete and CallTips

- ▶ Write code faster and shorten the learning curve with code completion that guides you as you work.
- ▶ CSS, HTML, JavaScript, Perl, PHP, Python, Ruby, Tcl, XML and XSLT.
- ▶ Schema-based XML/HTML completion.
- ▶ Multiple-language file support, such as CSS and JavaScript completion in HTML.
- ▶ Support for adding third-party libraries.
- ▶ Interpreter version differentiation of built-in and standard library information.

#### Multi-language file support

Correct syntax-coloring of multi-language files and templated files, common in many web programming frameworks. Add custom language support (User-Defined Languages or UDL, used to provide support for RHTML, Template-Toolkit, HTML-Mason, Smarty and Django).

#### Standard editing features

Code commenting, auto-indent and outdent, block selection, incremental search, reflow paragraph, join lines, enter next character as raw literal, repeat next keystroke and clean line endings on "save".

#### Syntax-checking

Instant feedback for all fully-supported languages.

#### Syntax-coloring

Spot errors easily, and improve readability and context, even in multi-language files (unique to Komodo!).

#### Vi emulation

Modal vi keyboard bindings emulate navigation, text insertion and command behavior. Custom commands can be implemented by adding Komodo macros to a Vi Commands Toolbox folder.

#### Emacs key bindings

Emacs-like key binding scheme supports new editor features modeled on Emacs, such as transient marks (similar to the Emacs "mark ring"), repeat next command and reflow paragraph.

#### HTML preview

Check HTML, XML and CSS files side-by-side or in a browser, using arbitrary files or URLs.

#### Multilingual Input Method Editor (IME) support

Use your standard keyboard to enter multi-byte characters, such as Simplified Chinese, Japanese and Korean.

#### Code snippets

Store any piece of code for reuse.

#### Code-folding

Work quickly and efficiently with large sections of code.

#### Multi-document editing

Easily work on multiple documents simultaneously using multiple tab groups, split view, and cross-document search.

#### Tutorials

Easily master editing features.

## Features

### Multi-language graphical debugger

The most powerful debugging capabilities for dynamic languages, anywhere.

Advanced support for:

#### JavaScript debugging

Debug JavaScript using Firefox and a JavaScript DBGP extension. With the extension enabled, loading JavaScript or triggering JavaScript controls in the browser opens a debugging session in Komodo, which loads the relevant JavaScript code. The JavaScript interactive shell is available from within the debugging session.

#### Remote debugging

Debug Perl, PHP, Python, Ruby, and Tcl programs running on remote machines, with remote debugging extensions for Windows, Mac OS X and Linux.

#### Interactive shells

Experiment with code in real-time. Switch to interactive mode while debugging, and return. Supports JavaScript, Perl, Python, Ruby and Tcl.

#### Multi-session debugging

Debug multiple applications—even with different languages—simultaneously.

#### Breakpoint manager

Manipulate breakpoint capabilities and store across debugging sessions.

#### Debug toolbar

- ▶ Break into debugging: stop debugging an application at the current execution point; continue debugging from that point.
- ▶ Detach from debugging: stop debugging while application continues to run.

#### Debugger proxy

Simplify remote and multi-user system debugging with a standard mechanism for Komodo and the remote communication process.

#### CGI emulation

Full environment control while debugging web applications on your local machine.

#### DBGP debugger protocol

Add debugging support for any language you want.

#### Tutorials

Easily master debugging features.

## Komodo is the IDE for Ruby and Ruby on Rails!

#### Ruby and Ruby on Rails debugging

Komodo IDE is unparalleled in its debugging support for Ruby and Ruby on Rails. Lightning-fast debugging includes support for Rails templates and views, plus a Ruby interactive shell, available on its own or within debugging sessions.

#### PHP debugging (zero configuration)

Automatic configuration for PHP debugging. Build PHP on any platform and debug with Komodo, even if Komodo is running on a different platform.

#### Perl debugging

Built-in support for Perl debugging, plus a Perl interactive shell, available separately or from within debugging sessions.

#### Python debugging

Multi-threaded and post-mortem debugging, plus a Python interactive shell, available separately or from within debugging sessions.

#### Tcl debugging

Built-in support for Tcl debugging, with spawnpoints, plus a Tcl interactive shell, available separately or from within debugging sessions.

#### XSLT debugging

Built-in support for XSLT debugging, including the ability to find problems in both input data and code with HTML preview.

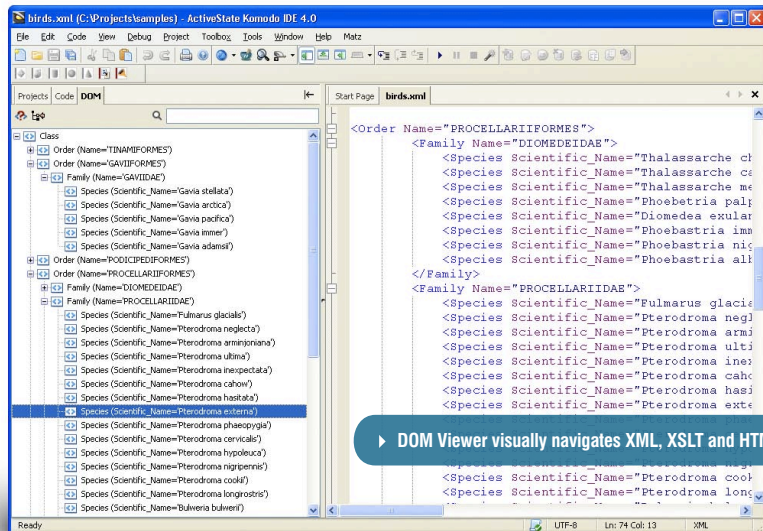
#### Standard debugging features

Breakpoints, stepping, watched variables, call stack and more.

## Features

### DOM Viewer

Easily navigate XML, XSLT and HTML in a tree view of the document's DOM structure.



### HTTP Inspector

#### Inspect browser-server communications

Examine browser-server communications requests and responses as they happen. A local proxy intercepts HTTP traffic, allowing you to view and edit individual transactions.

#### Intercept and tweak browser-server traffic

Break on requests or responses, and review, edit and submit modified traffic.

### Source code control integration

#### Revision history

Diff two selected revisions, or select one for comparison with the local copy.

#### Integration with CVS, Perforce and Subversion

Add, remove, submit, revert and compare files in SCC repositories.

### Code browser

Easily navigate source structure in a tree view of code objects. Browse, locate and jump to modules, namespaces, classes, functions and variables.

### Interactive shells

#### JavaScript

Interactive shell for manipulating JavaScript code, available within JavaScript debugging sessions.

#### Perl, Python, Ruby and Tcl

Explore, prototype and test your code. Enter statements, expressions and code fragments, independent of program files. Can be used standalone or as a shell that interacts from within a debugging session.

### Project manager

Convenient, flexible organization of all project elements.

#### Live Folders

Project view displays the current contents of corresponding file system directory.

#### Virtual Folders

Explicitly maintained multi-purpose containers for any project or Toolbox component, containing pointers to selected components from different file system locations.

### Toolbox

#### Store it

Store virtually anything, including, configurable "Run" commands, macros, code snippets, URLs, Live and Virtual Folders, templates, menus, toolbars and remote files.

#### Share it

Share a Toolbox with networked team members, or distribute valuable Toolbox items to other Komodo users with the import/export function.

## Features

### Rx (Regular Expression) Toolkit

#### Visual interface

Create powerful regular expressions painlessly with node tips, node highlighting and shortcut menus

#### Regular expression debugger

Easily evaluate and correct matched patterns. "Match mode" buttons provide Match, Match All, Split, Replace and Replace All.

#### Regular expressions primer

Tutorial for those new to regular expressions.

### Custom toolbars and menus

#### Personalize and extend

Add custom menus and toolbars for easy access to run commands and snippets, or create integrations with third party tools. Associate key bindings and icons with any item.

### Macros and triggers

#### Save time and effort

- ▶ Automate regular tasks with editable macros recordings.
- ▶ Quickly access record/playback features through the Toolbar.
- ▶ Run macros manually, via a key binding, or based on a variety of Komodo event triggers.

#### Automate even more

Power users can tap into Komodo's deeper features.

### Run Commands

#### Sophisticated automation of any command line function

Configurable Run Commands, stored in your Toolbox, to automate almost any task. Also able to pass content in either direction between a document in the editor pane and the command line.

### Multi-user support

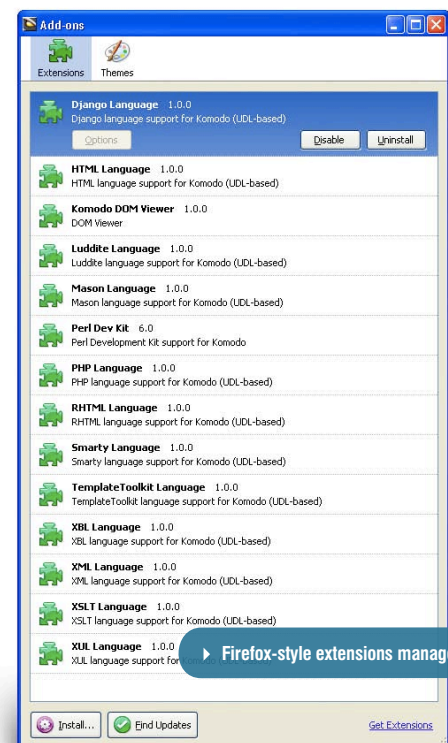
#### Share important data between multiple users

Share templates, common group-level "Shared Toolbox", "site-wide" common configuration file, and "site-wide" Tcl configuration files.

### Extensibility

#### XPI Extensions

Create your own plug-ins. XPI extension support provides the same capability as Firefox, with all standard Mozilla APIs based on XUL, XBL, and XPCOM, plus our own for Python and JavaScript. We're even using this in Komodo development; for example, when adding UDL-based languages and defining custom language syntax-coloring. Other new features, such as the DOM Viewer, are also extensions. With full documentation and an active community providing support, Komodo IDE's power is as boundless as your imagination.



# Komodo IDE 4

Multi-platform, multi-language IDE for dynamic languages and Ajax technologies.

## Features

### Search

#### Find in Files

Efficiently search directories to locate files containing particular patterns. Located files can be easily loaded into Komodo editor directly from Find Results pane.

#### Open/Find Toolbar

New way to open files and search for strings in currently open files.

### Perl Dev Kit (PDK) Integration

Create Perl executables from within Komodo.

### Templates

#### Project Templates

Easy to create and use, project templates are a great way to implement reusable, sophisticated project-specific functionality, such as rsync, Rails, etc.

#### File templates

Language-specific templates and custom template creation, templates and custom template creation, and embeddable macros for date and time stamps.

### Documentation

#### Help (I need somebody)

Including Komodo macro API documentation, all indexed with full text search. Komodo now uses Mozilla's help browser for quick topic searches.



#### Feature showcases

Visual step-by-step guides to using Komodo's key features.



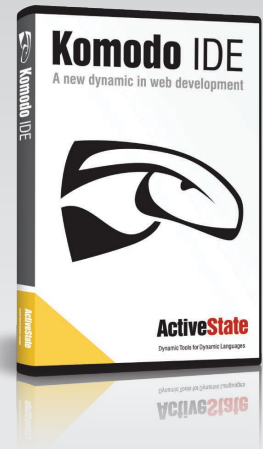
#### Tutorials

Learn new languages and language-specific features.



#### Sample projects

Examples and sample files illustrate what you can do with Komodo.



### MINIMUM SYSTEM REQUIREMENTS

#### Windows

Windows XP, 2000 & Vista  
x86 architecture  
500 MHz CPU  
256 MB RAM  
100 MB hard disk space

#### Mac

Mac OS X 10.3+  
PowerPC G4+ or Intel CPU  
256 MB RAM  
90 MB hard disk space

#### Linux

glibc 2.1+,  
libjpeg.so.62+,  
libstdc++5 or later  
x86 architecture  
500 MHz CPU  
256 MB RAM  
100 MB hard disk space

## Awards



Download your free trial at:

[www.activestate.com/komodo\\_ide](http://www.activestate.com/komodo_ide)

**ActiveState**

Dynamic Tools for Dynamic Languages

Toll-free in North America: 1.866.541.3186

International: 1.778.786.1103

Email: [sales@activestate.com](mailto:sales@activestate.com)

ActiveState is the leading provider of tools and services for JavaScript, Perl, PHP, Python, Ruby, and Tcl. Millions of developers rely on ActiveState's professional development tools, high-quality language distributions and enterprise services.

© 2007 ActiveState Software Inc. All rights reserved. ActiveState, ActiveState Komodo, ActivePerl Pro Studio, and Perl Dev Kit are registered trademarks of ActiveState. All other marks are property of their respective owners.