



Autolt

Autolt v3 is a freeware BASIC-like scripting language designed for automating the Windows GUI and general scripting. It uses a combination of simulated keystrokes, mouse movement and window/control manipulation in order to automate tasks in a way not possible or reliable with other languages (e.g. VBScript and SendKeys). Autolt is also very small, self-contained and will run on all versions of Windows out-of-the-box with no annoying "runtimes" required!

Autolt was initially designed for PC "roll out" situations to reliably automate and configure thousands of PCs. Over time it has become a powerful language that supports complex expressions, user functions, loops and everything else that veteran scripters would expect.

Features:

- Easy to learn BASIC-like syntax
- Simulate keystrokes and mouse movements
- Manipulate windows and processes
- Interact with all standard windows controls
- Scripts can be compiled into standalone executables
- Create Graphical User Interfaces (GUIs)
- COM support
- Regular expressions
- Directly call external DLL and Windows API functions
- Scriptable RunAs functions
- Detailed helpfile and large community-based support forums
- Compatible with Windows XP / 2003 / Vista / 2008 / Windows 7 / 2008 R2 / Windows 8 / 2012 R2
- Unicode and x64 support
- Digitally signed for peace of mind
- Works with Windows Vista's User Account Control (UAC)

Autolt has been designed to be as small as possible and stand-alone with no external .dll files or registry entries required making it safe to use on Servers. Scripts can be compiled into stand-alone executables with **Aut2Exe**.

Also supplied is a combined COM and DLL version of Autolt called AutoltX that allows you to add the unique features of Autolt to your own favourite scripting or programming languages!

Best of all, Autolt continues to be **FREE** – but if you want to support the time, money and effort spent on the project and web hosting then you may [donate](#).

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Features

Basic-like Syntax and Rich Function Set

Autolt has a BASIC-like syntax which means that most people who have ever written a script or used a high-level language should be able to pick it up easily.

Although it started life as a simple automation tool, Autolt now has functions and features that allow it to be used as a general purpose scripting language (with awesome automation as well of course!). Language features include:

- The usual high-level elements for functions, loops and expression parsing
- A staggering amount of string handling functions **and** a Perl compatible regular expression engine (using the [PCRE](#) library).
- COM support
- Call Win32 and third-party DLL APIs

Built-in Editor with Syntax Highlighting

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Standalone and Small

AutoIt is a very small and standalone application with no reliance on massive runtimes like .NET or VB. All you need to run AutoIt scripts are the main AutoIt executable (AutoIt3.exe) and the script. Scripts can also be encoded into standalone executables with the built-in script compiler **Aut2Exe**.

International and 64-bit Support

AutoIt is fully Unicode aware and also includes x64 versions of all the main components! How many other free scripting languages can you say that about?

Key and Mouse Simulation

Much time has been spent optimizing the keystroke and mouse simulation functions to be as accurate as possible on all versions of Windows. All the mouse and keyboard routines are highly configurable both in terms of simulation "speed" and functionality.

Window Management

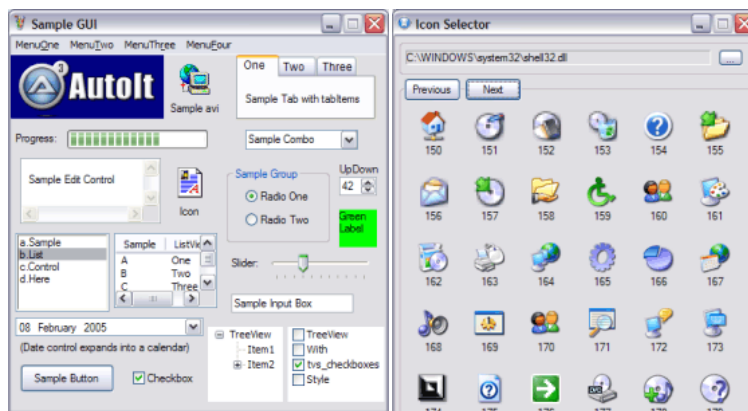
You can expect to move, hide, show, resize, activate, close and pretty much do what you want with windows. Windows can be referenced by title, text on the window, size, position, class and even internal Win32 API handles.

Controls

Directly get information on and interact with edit boxes, check boxes, list boxes, combos, buttons, status bars without the risk of keystrokes getting lost. Even work with controls in windows that aren't active!

Graphical User Interfaces (GUIs)

AutoIt v3 will also allow you to create some complex GUIs – just like those below!



And much, much more.

You'll probably want to go to the [downloads](#) page right now...



Books Featuring AutoIt

Here are books on administration and scripting that feature AutoIt (in some small way 😊). If you have a book that features AutoIt in any way and would like to see a link here then drop me a [mail](#).

AutoIt v3: Your Quick Guide (Andy Flesner, O'Reilly)



[Full Description](#)

This guide teaches you the foundations of the AutoIt v3 language. You will learn about variables and includes, graphical user interfaces, user-defined functions, and conditional and loop statements. You will then apply what you have learned in examples related to the system administration field.

Windows Admin Scripting Little Black Book (Jesse M. Torres, O'Reilly)



[Full Description](#)

Shows you how to perform Windows XP and 2003 management and administrative tasks using powerful scripts for just about every important task imaginable. It covers ways to implement these scripts in an everyday environment automating repetitive tasks, and features example scripts on every new topic which you can easily modify or combine to perform myriad tasks.

[Jon: The book is focused on VBScript but lots of different languages and scripts are looked at, including a few pages on Autolt2 and AutoltX]
Autolt

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