AUTO-HOT-KEY
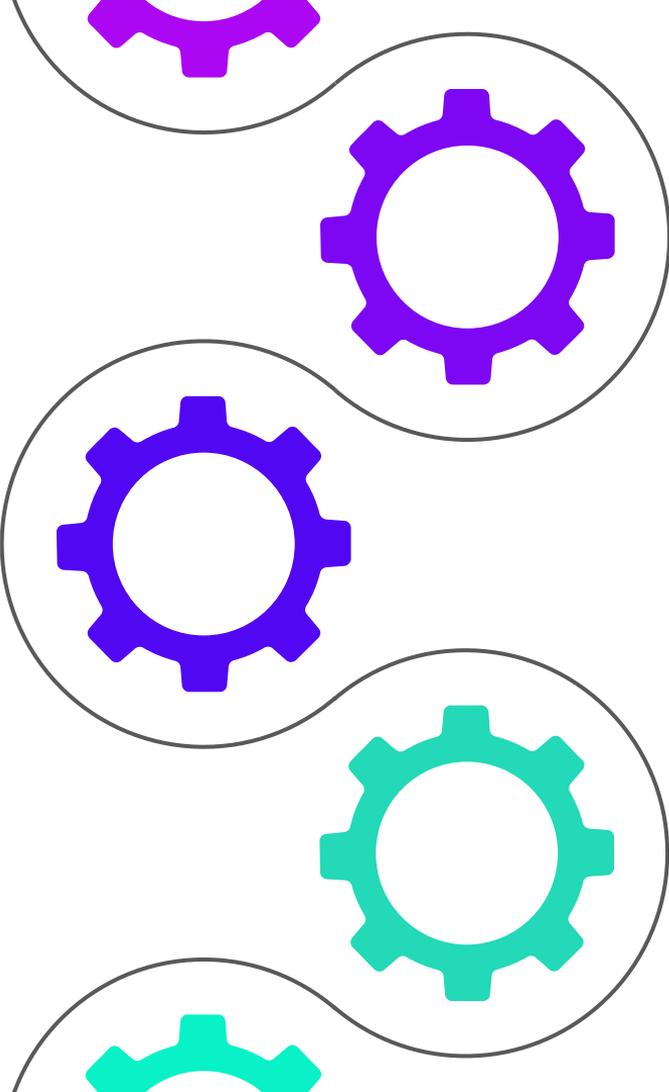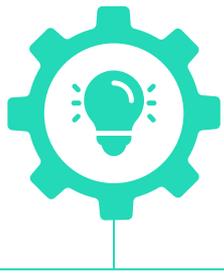
What is Autohotkey?

- A free, open-source scripting language for Windows

- To automate repetitive tasks

- Create custom keyboard shortcuts

- Create simple Windows-aware programs.

- Small, simple, fast, portable

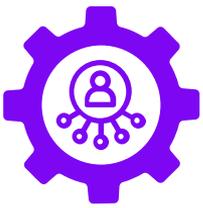- Mostly windows-version independent.

Advantages of AutoHotkey

- Creating custom hotkeys and "hotstrings" for text expansion

- Automating interactions with any Windows application(s)

- Building fully functional graphical user interfaces (GUIs) using Windows API

- Processing data from Excel, CSV files, and web scraping

- Controlling external programs through COM objects

- Managing file operations, scheduling tasks, and system administration
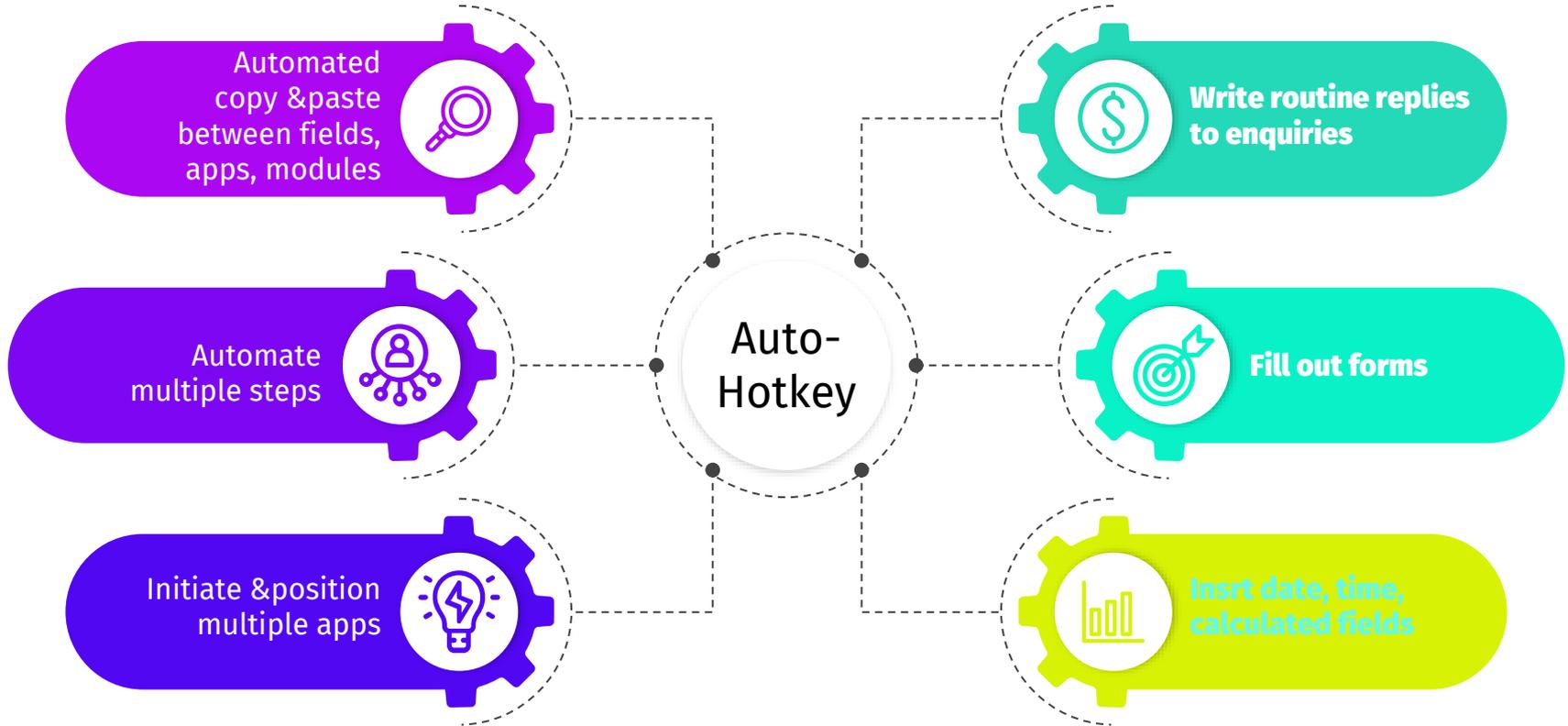
Autohotkey Community

- Being completely free and open-source with an active community, AutoHotkey offers extensive resources, libraries, and ready-made scripts.

- The community has created thousands of useful scripts and reusable functions, from clipboard managers to window management tools, available for anyone to use or modify.

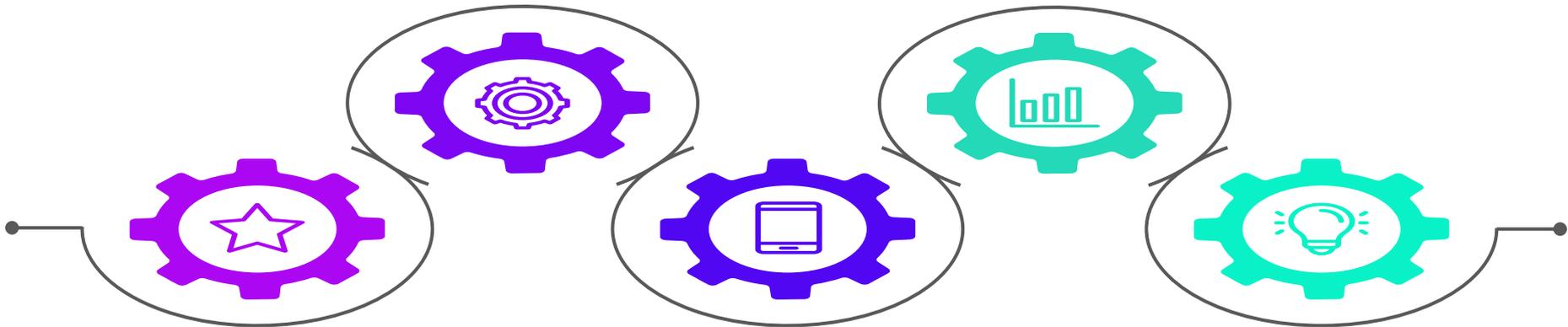# Text Expansion and Auto-Correction

- One of AutoHotkey's most popular applications is text expansion—converting short abbreviations into full phrases automatically.

- For example, typing "btw" can instantly expand to "by the way" – or an entire letter.

- AutoHotkey also enables auto-correction of common misspellings on-the-fly, with ready-made scripts correcting over 4,700 common English errors.

Routine tasks

Automated copy &paste between fields, apps, modules

Write routine replies to enquiries

Automate multiple steps

Auto-Hotkey

Fill out forms

Initiate &position multiple apps

Insrt date, time, calculated fields

Application and Window Management

•Custom shortcuts to launch frequently used applications and websites instantly.

•AutoHotkey can also position windows at specific screen locations automatically and manage multiple desktops efficiently.
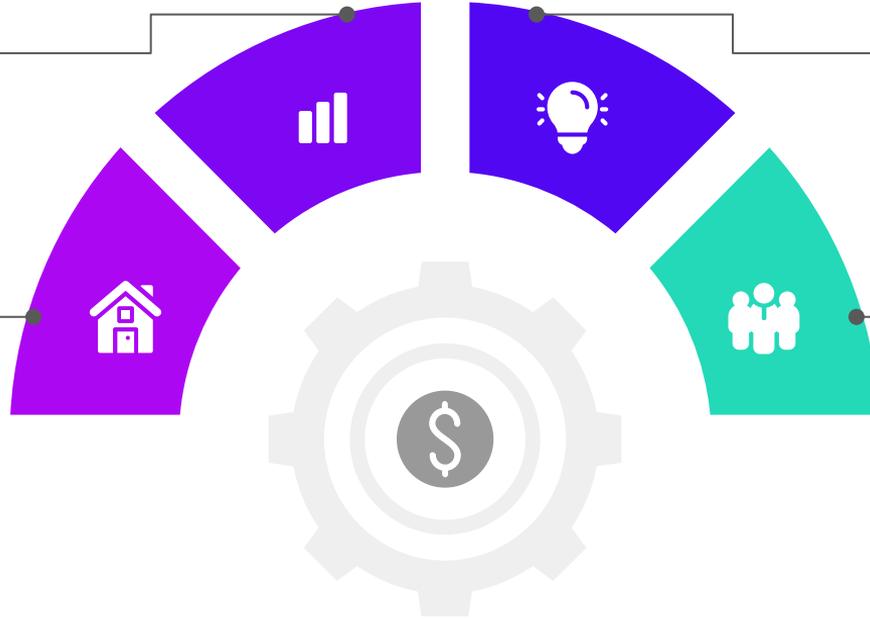
Gaming

Multiple steps

Fast
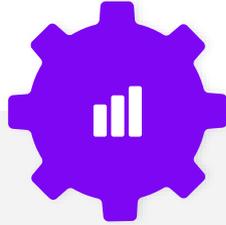
Keyboard actions

Mouse actions

System Administration

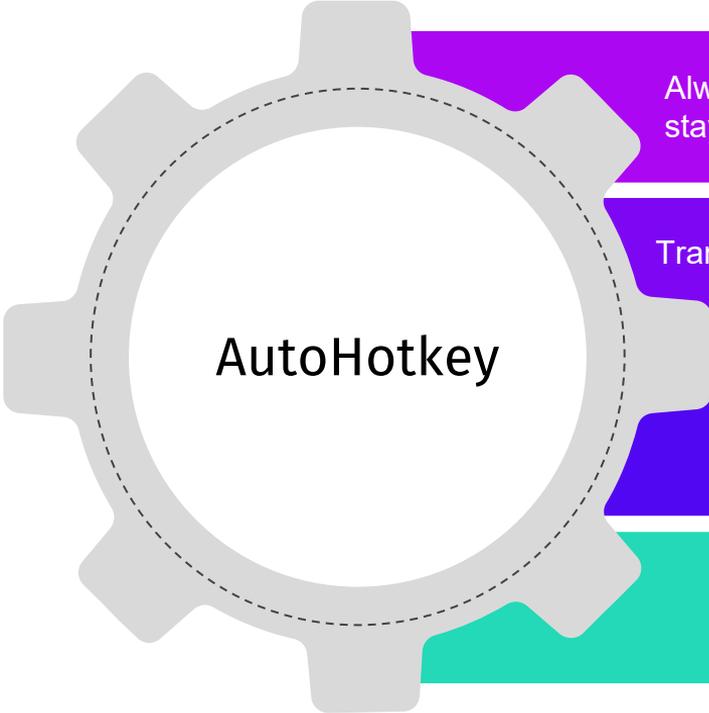**Automate Backups**

Manage Firewalls

Startup Sequences

Monitor Connectivity

Some Available scripts

AutoHotkey

Always-on-top toggle: Quickly make any window stay on top of others with a hotkey

Transparency toggle: Adjust window transparency with a single key press

Volume control using Alt+scroll wheel

... And more

AutoHotkey Script Resources - Lots!

github.com/ahkscript/awesome-AutoHotkey.

Libraries (organized by functionality including clipboard manipulation, console operations, data formatting, databases, file system operations, graphics, GUI controls, hotkeys, joystick integration, mathematics, memory operations, networking, plotting and charts, system operations, and text manipulation)

Library Distributions - Systems designed specifically for distributing reusable AutoHotkey code, including ahk-libs, ASPDM, and pAHKlight

Scripts - Standalone programs categorized by purpose: clipboard managers, file system utilities, graphics tools, GUI applications, mathematical tools, mouse utilities, typing aids, window management, and games

Tools - Development utilities including interpreters, debuggers, decompilers, integrated development environments (IDEs), GUI builders, and various utilities for working with AutoHotkey

Tutorials - Learning resources covering classes, COM integration, GUI creation, and machine code (MCode)

Additional Specialty Collections

Beyond the main Awesome AutoHotkey repository, several other comprehensive collections exist:

Ixiko's AHK-libs-and-classes-collection - Contains over 830 libraries and classes from the community, with plans to expand beyond 1,000 items. This collection includes separate documentation folders and example codes organized by functionality.

Useful AutoHotkey v2 Scripts and Functions Collection - A GitHub-based collection specifically focused on AutoHotkey v2 scripts and reusable functions, including utilities for file operations, GUID/UUID creation, and COM object interaction.

Personal Script Collections on GitHub - Individual developers share their own script repositories, such as **spidersouris's** ahk-scripts collection, which includes countdown timers, keyboard shortcuts, mouse movement utilities, and process management scripts.

Community Forum Resources

The official AutoHotkey community forum maintains dedicated sections including a Script Showcase forum where users share their creations and request scripts from others. These community-contributed collections provide real-world examples and proven scripts.

Specialized Script Repositories

YouTube creators and developers have also compiled script showcase videos with downloadable collections. For example, one comprehensive showcase includes countdown timers, template savers, Reddit post scoring systems, date insertion utilities, and screen capture tools, all downloadable as a packaged collection.

Quick Access Points

For those seeking specific scripts, ScriptMime (**scriptmime.com**) and Pastebin host individual scripts indexed by category, making it easy to find utilities for Reddit post scoring, screen capture, auto-correction, and other specific tasks.

All of these resources are publicly available and regularly updated by the community, providing extensive options whether you're looking for complete libraries to integrate into your projects or standalone scripts ready to use immediately.

Thanks to SlidesGo
for giving me the gears