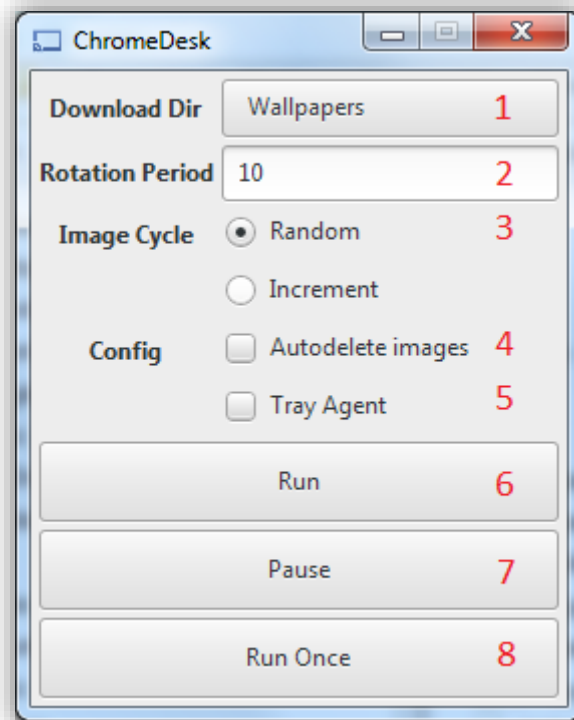


CHROMEDESK VERSION 1.0

ChromeDesk is a very simple chrome wallpaper image parser. It is intended to provide a simple but configurable interface that fetches and auto rotates your desktop wallpaper. The images are stored in a user set folder with the name of the author appended to them.

Main Interface

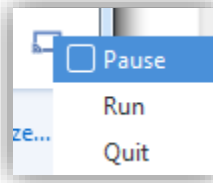


The main interface:

1. Folder to store the downloaded images. If not specified a Wallpapers folder will be created in the application directory
2. Rotation period in Minutes. Every X minutes the program will change the desktop background based on the selected rotation method.
3. Image Cycle determines if the next wallpaper will be randomly selected among all the wallpapers contained in the folder or the next in python list sorting order.
4. If auto delete image is set, an image will be removed from the folder the moment it is replaced as the desktop background.
5. Tray agent, allows the user to close the app while having it run in the tray window.
6. Runs the rotation switching algorithm.
7. Pauses the process fixing current wallpaper without freezing the rotation timer.
8. Run once, just run one iteration of the rotation timer, change one wallpaper based on cycle selection

The tray options:

The agent on the system tray has two main modes of operation. Left clicking ends it and restores the original application interface while right clicking on it provides access to basic operations:



Downloading images:

On current implementation, the images download is queued and might lag the interface the first time it is run. IN future implementations it will be run in a separate thread. Images are set to download when a full rotation occurred. This is not absolute since the clean-up routine will call for an image download if it detects the folder is empty. The purpose of the latter is to ensure there are always images to ensure rotation.

Configuring Wallpaper to stretch:

For best results it is recommended to configure your desktop environment to attempt the stretch the wallpaper to fit the screen size.

- Ubuntu: Right click->Change Desktop Wallpaper ->Background ->Fill
- Windows XP: Right Click -> Personalize ->Desktop Background -> Picture Position -> Stretch
- Windows 7: Right Click -> Properties ->Desktop -> Background -> Position ->Stretch

Command line version:

The command line version of the program allows configuration on start-up. A help menu is displayed using the -h argument.

```
C:\Users\Minos Galanakis\Documents\chromedesk>chromeCLI.py -h
Usage: chromeCLI.py [options]

Options:
  -h, --help      show this help message and exit
  -t PERIOD        Period in seconds
  -d DOWNLOAD      Name of download directory
  -r ROTATION      Rotation mode. 0 = Random , 1 = Increment
  -c              (boolean) Delete wallpaper file,after it is replaced

C:\Users\Minos Galanakis\Documents\chromedesk>chromeCLI.py -t 30 -d Wall -r 1 -c
i Wall
█
```

In order to stop the command line version the user has to use the ctrl+c keyboard shortcut. Pause function is not implemented.