OneDrive Idle Control - Setup Guide (2025 Edition)

===================================================

What It Does

------------

This tool:

- Stops OneDrive when you're actively using your computer

- Restarts OneDrive after 60 minutes of idle time

- Launches OneDrive with administrator rights (requires UAC or elevated task)

- Cleans up logs older than 48 hours

- Runs invisibly in the background

Requirements

------------

- Windows 10 or 11

- .NET 8.0 SDK or newer: https://dotnet.microsoft.com/en-us/download/dotnet/8.0

- C# support in Visual Studio Code (install "C#" by Microsoft)

- Run this command to add the missing dependency:

dotnet add package Microsoft.Extensions.Hosting

Installation Steps

------------------

1. Clone or unzip the project.

2. Open PowerShell in the project folder.

3. Run:

dotnet restore

dotnet publish -c Release -o publish

4. The compiled executable will be inside the "publish" folder.

Task Scheduler Setup (Optional for Startup)

-------------------------------------------

1. Open Task Scheduler (Win + R → taskschd.msc).

2. Create a new Task:

- Run only when user is logged on

- Run with highest privileges (important for admin launch)

3. Add a trigger: "At log on"

4. Add an action: "Start a program" → point to your OneDriveControlService.exe

Log Files

---------

Logs are saved next to the .exe as:

onedrive\_log\_YYYYMMDD.log

Only events (start, kill, errors) are logged. Old logs are deleted automatically after 2 days.

To Customize Idle Time

-----------------------

Edit the `Worker.cs` file:

const int IdleThresholdMinutes = 60;

Then rebuild the project.

To Update

---------

Rebuild the project with:

dotnet publish -c Release -o publish

To Uninstall

------------

1. Delete the scheduled task (if created).

2. Delete the published files and source folder.

Support

-------

If OneDrive does not launch, make sure your scheduled task runs with highest privileges or run the app manually once to approve UAC.