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.