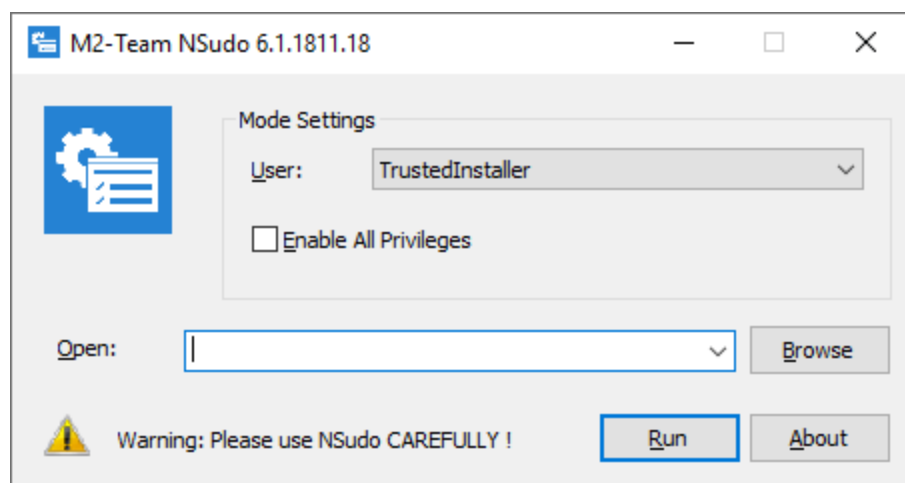


We're continuing to fight for universal access to quality information—and you can help as we continue to make improvements. Will you join in?

https://nsudo.m2team.org/en-us/ Go SEP OCT DEC 2021 19 2022 2023 About this capture

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# NSudo | System Administration Toolkit



## Note: Become the sponsor of NSudo

Patreon: <https://www.patreon.com/MouriNaruto>

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- If I have reached the "\$1,000 per month" goal, I will release 2 major releases in a year.
- If I have reached the "\$2,000 per month" goal, I will obtain an extended validation (EV) code signing certificate and use it for signing the projects binaries.

Thanks for your support.

Kenji Mouri



## Prototype

NSudo Launcher is based on SuperCMD by Raymai97. Visit [here](#) for more information about SuperCMD.

NSudo Devil Mode is based on the Dism++ God Mode, with new features and several improvements.

## Features

- Distributed under the MIT License.
- Provide the x86, x86-64, ARM64 binaries.
- Support Windows Vista and later.
- Using VC-LTL and libkcr from Chuyu Team for smaller binary size.
- Using C++17, but only use core language features in the most cases.
- NSudo Launcher
  - Launch programs with TrustedInstaller access token.
  - Launch programs with System access token.
  - Launch programs with current user access token.
    - Note: If the User Account Control has not been disabled, the privilege of this mode is similar to the standard user.
  - Launch programs with elevated current user access token.
    - Note: The privilege of this mode is similar to the elevated user.
  - Launch programs with current process access token.
    - Note: The privilege of this mode is similar to the elevated user.
  - Launch programs with current process access token with the LUA restriction.
    - Note: The privilege of this mode is similar to the standard user. And the implementation is similar to the iertutil.dll's from the Internet Explorer.
  - Support launching programs with the specified privileges option.
    - Note: "Enable All Privileges" and "Disable All Privileges".
  - Support launching programs with the specified mandatory level (or integrity level) option.



- Note: "Idle", "BelowNormal", "Normal", "AboveNormal", "High" and "RealTime".
- Support waiting for the created process to end before exiting.
- Support launching programs with the specified current directory.
- Support launching programs with the current console window.
- Support shortcut list.
  - Note: You can custom it via editing NSudo.json.
- Support multiple command line style.
- Support multi-languages.
  - Note: Chinese Simplified, Chinese Traditional, English, French, German, Italian and Spanish.
- Full High DPI Support.
  - Note: As good as the implementation from Windows Shell (conhost.exe), with the full Per-Monitor DPI-Aware support under Windows 10 Build 10240 and later version and full System DPI-Aware support under Windows Vista to Windows 8.1.
- Full accessibility support.
  - Note: You can use NSudo Launcher with Windows Narrator smoothly.
- High performance.
  - Note: Because it don't need to create the windows service and the windows service process.
- Provide C APIs and .Net Core bindings for developers.
- NSudo Devil Mode
  - The most elegant solution for developers who want to bypass the file and registry access checks for the process with the Administrator privilege.
  - Hook APIs via the Microsoft Detours library for the maximum compatibility.
  - The binary only depend on the exported named APIs from ntdll.dll.

## Third-party projects which uses NSudo

- MSMG ToolKit
- Sledgehammer (WUMT Wrapper Script)
- Dism++



- Supported OS Version: Windows NT 6.0 or later
- Supported CPU Architecture: x86, x86-64(AMD64), ARM64

## Third-party introduction

- HowToDoNinja: <https://howtodoninja.com/how-to/nsudo-run-programs-with-full-admin-privileges-windows/>
- MajorGeeks: <https://www.majorgeeks.com/files/details/nsudo.html>
- softpedia.com: <https://www.softpedia.com/get/Tweak/System-Tweak/NSudo.shtml>
- TrishTech.com: <https://www.trishtech.com/2018/11/nsudo-run-programs-with-full-privileges-in-windows/>
- Wilders Security Forums: <https://www.wilderssecurity.com/threads/396818>

## Usage

### Quick Start for NSudo Launcher

Please go to the [CPU Architecture] folder and click NSudoLG.exe. Follow the prompts. For example, if you want to use 64-bit NSudo on your Intel or AMD device, you need to go to the x64 folder and click NSudoLG.exe

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