Version 1.0

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Requirements

Minimum

Operating System: Any 32-bit Linux Distribution

Coding Platform: Apache Netbeans 17

Storage: 10MB

RAM: 4GB

External Dependencies: Smartmontools

A fully functional keyboard.

1 Decrypted Hard Drive/Solid State Drive.

Recommended

Operating System: Any 64-bit Linux Distribution

Coding Platform: Apache Netbeans 18

Storage: 30MB

RAM: 4GB

External Dependencies: Smartmontools

A fully functional keyboard.

4 Decrypted Hard Drives/Solid State Drives.

Build Instructions

How to compile.

1. Turn on your computer and login to your operating system.
2. Open your file explorer of choice.
3. Search for the download of this application within your computer.
4. Open the folder in which the application was downloaded in.
5. Enter into the folder named ‘src’ and then enter into the Scripts folder.
6. Left-Click on the file ‘EditVisudo.sh’ twice.
7. Enter your password to allow the script to run.
8. Open Apache NetBeans and press CTRL+SHIFT+O on your keyboard.
9. Locate the application of you computer. And click on ‘Open Project’.
10. Wait for the project to load.
11. Press CTRL+B to build the application.

Function Instructions

How to Get A Hard Drive Report

1. Click on the ‘Get Hard Drive Report Button’.

Figure 1: Landing screen upon a successful run of the application.

2. Click on the button which contains the name of the hard drive you wish to obtain a report on.

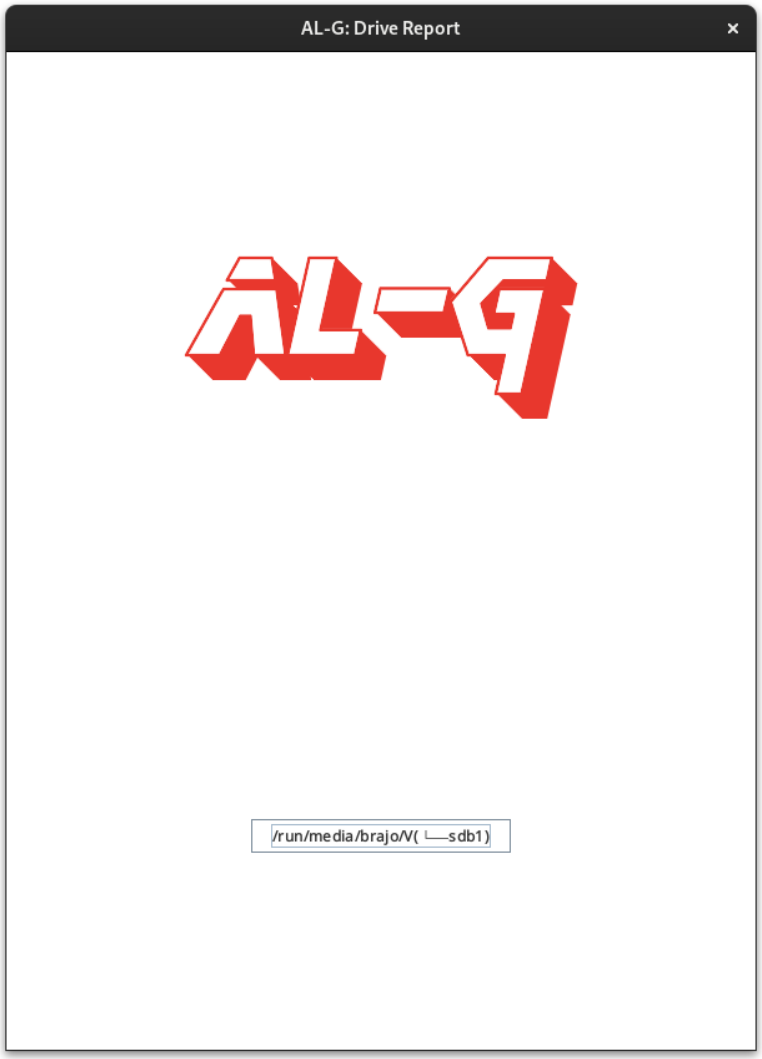

Figure 2: Hard drive report screen with hard drive option(s).

3. View the report generated based on your selected hard drive.

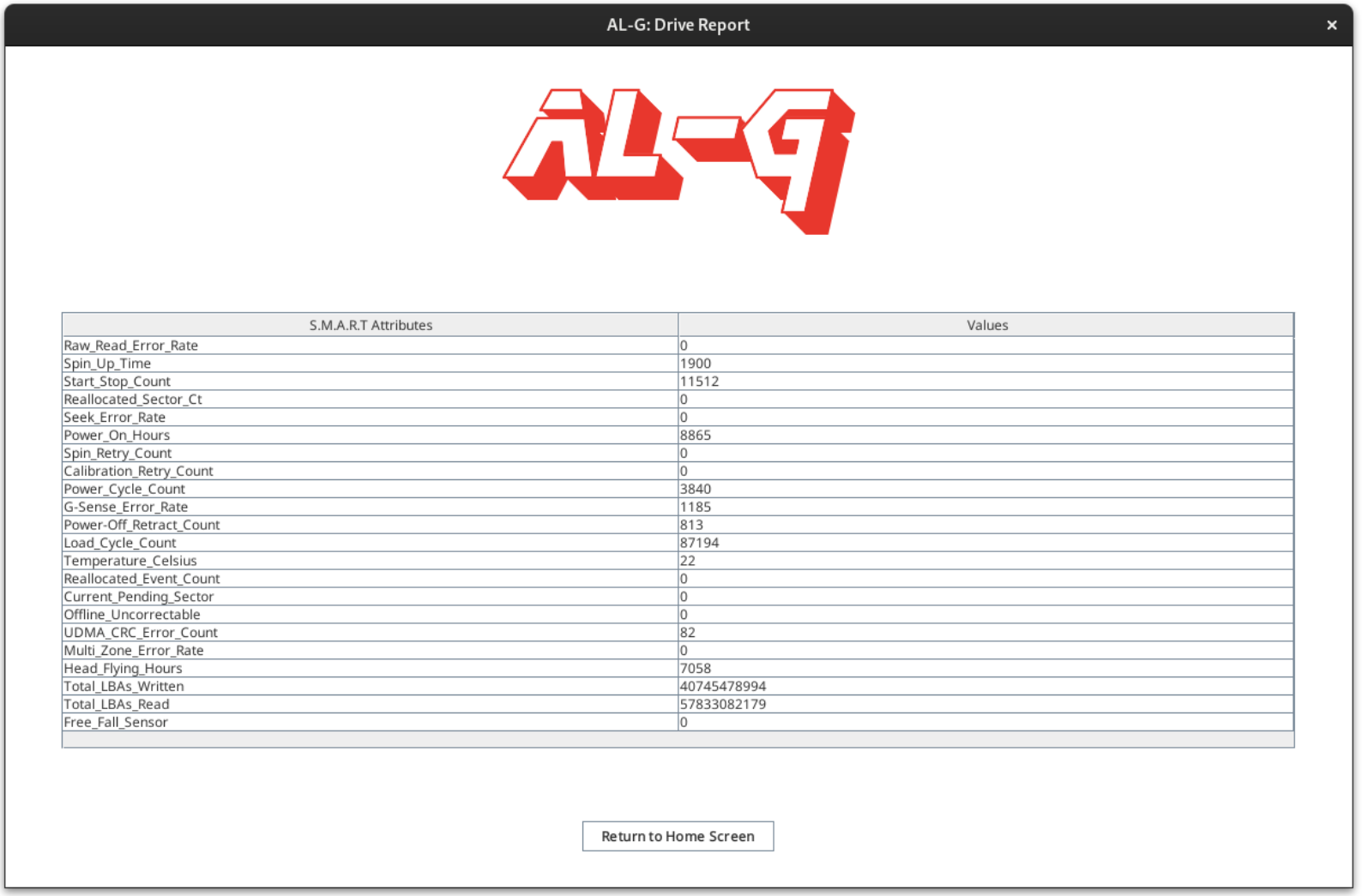

Figure 3: Hard drive report screen if a hard drive was selected successfully.

How to determine whether the hard drive is suitable for a NAS configuration.

1. Once you have obtained your have drive report, click on the ‘Return to Home Screen’ button.
2. Click on the ‘Get Hard Drive Status’ button.

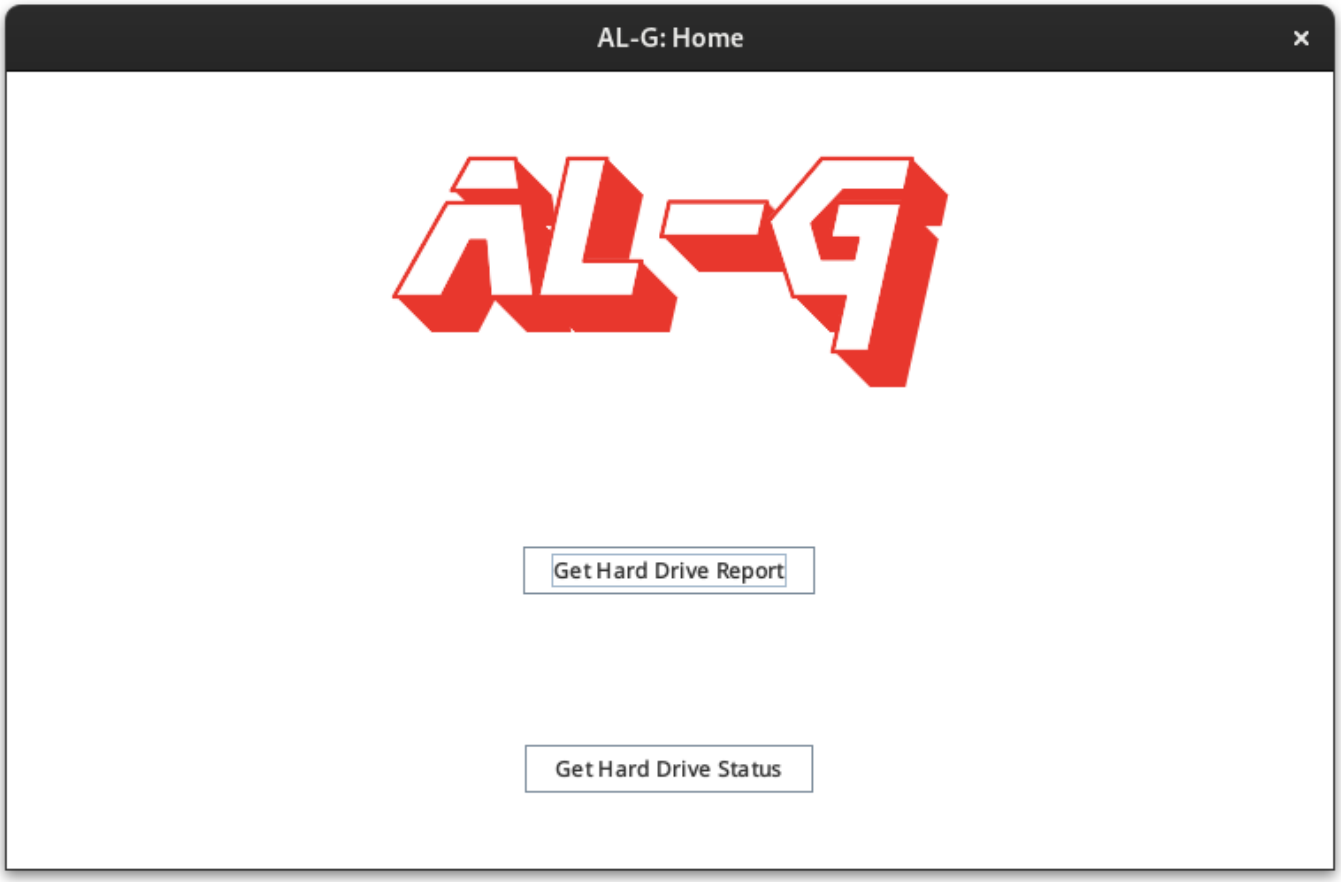

Figure 4: Landing screen after the user has returned from generating a report on their hard drive(s).

3. Click on the NAS (Network Attached Storage) operating system you wish to use for the hard drive.

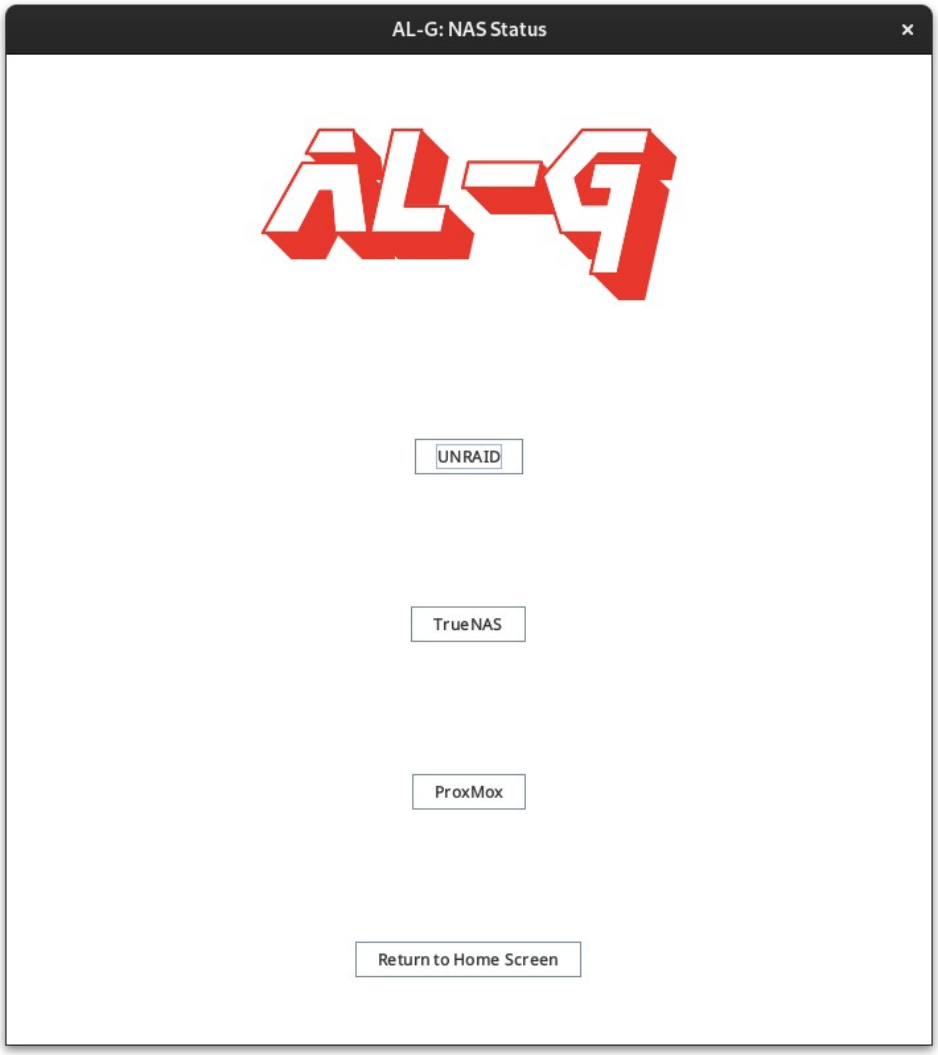

Figure 5: NAS Status screen with operating system options.

4. View the judgement given on the hard drive.

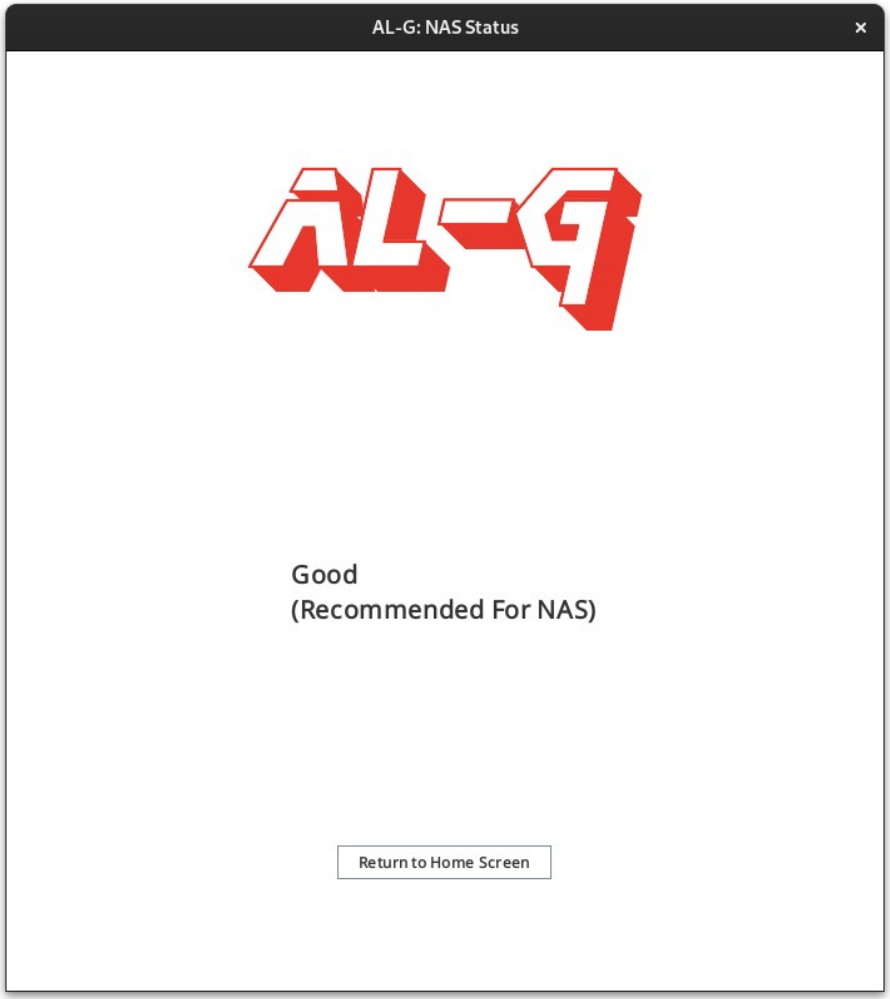

Figure 6: NAS Status screen with a judgement displayed based on a previously generated hard drive report.

Report a issue

To report a issue with the application, please create a issue on the official repository, with the appropriate label and detail of the issue:

Official Repository: Issues.