GurstNibbler Version 0.1

It is a PC Windows program that uses Keir Fraser's Greasewaezle, D. Tonn's ADF-Drive, or Rob Smith's DrawBridge aka Arduino Amiga Floppy Disk Reader/Writer to create backup copies from/to HD/USB/SD and, of course, from/to floppy disk.

Please note that permission must be obtained from the copyright holder to make backup copies of copyrighted material.
Different laws apply in different countries, and in some countries, parts of this program may not be used legally.

INSTALLING GurstNibbler

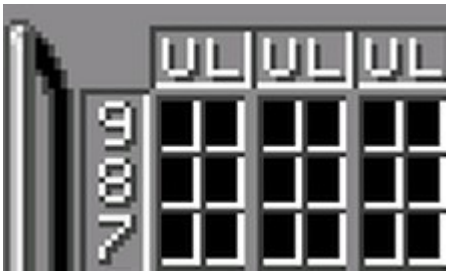
No software or tools need to be installed to use GurstNibbler.
The only thing you need to do to get the Amiga font is to copy the TTF font from the zip file to the Windows\fonts directory.

GurstNibbler interface

You will see various icons, numbers, boxes, etc. on the screen.
It may look confusing at first, but you will quickly realize how easy GurstNibbler is to use.

The GurstNibbler control panel is located on the left side of the screen.

The processed sectors are displayed on the right side.



To exit GurstNibbler, click the QUIT button.

The START button starts the duplication process (provided that both the source and destination drives are selected).

Below this is a MODE button.
Here you can switch between the copy modes DOS, BAM, DEEP DMS2Disk, DMS2ADF, and IPF2Disk.

DOS is a fast copy mode that copies Amigados disks to an ADF file or from another active medium to disk.
It does not correct any errors that may be present on the source disk.

BAM is extremely fast; it copies the tracks used on the disk/file and therefore does not waste time copying unused areas of the disk.

DEEP is a slow but powerful copy mode.
It also backs up protected disks to an SCP file.

DMS2DISK backs up the DMS file to the disk.

DMS2ADF backs up the DMS file as an ADF file to HD/USB or SD.

IPF2DISK saves the IPF file to the data carrier.

QFRMT formats a floppy disk in about 4 seconds.

ERASE is a quick way to erase all data on the floppy disk and overwrite every track.

The start and end values are the numbers of the tracks to be copied.
For example, if you are duplicating public domain disks where only
the first 40 tracks are used, there is no point in copying the higher tracks.

The side selector is used to select whether to copy the upper, lower, or both sides of the diskette.

B = Both sides are processed.

L = Only the lower side is read or written.

U = Only the upper side is read or written.

The 4 diskette images each represent a drive number (only if available, of course). Each disk has a color that indicates which action should be performed on that drive.

Blue means that no action is performed.

Green defines the source drive.

Brown defines a destination drive without verification.

Purple stands for a destination drive with verification.

Gray indicates that no drive is present.

The number next to the diskette icon symbolizes the corresponding drive.

0 = DF0 (diskette drive 1)

1 = DF1 (diskette drive 2)

HD = hard disk

SD = SD card

USB = USB device

The left pane under Start-End in GurstNibbler displays the currently detected Greasewaezle, ADF-Drive, or DrawBridge (also known as the Arduino Amiga Floppy Disk Reader/Writer) and its parameters.

or 2x Greasewaezle

If no controller is found, you will see this message.

Click here and it will try again to detect a connected Greasewaezle, ADF drive, or DrawBridge aka Arduino Amiga Floppy Disk Reader/Writer.

Update search for new GurstNibbler versions:
When the program starts, GurstNibbler searches for a new version on the website and displays a message if one is available.

Using two Graeseweazle controllers:

Copying from floppy disk to floppy disk or from HD/USB to two floppy disks simultaneously

As with the GurstNibbler, two Greaswaezle controllers can be used.

This makes it possible to copy from HD/USB to one or two drives simultaneously.

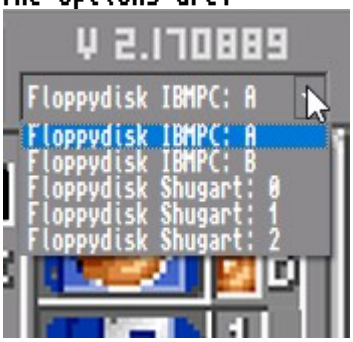
The same applies from DF0 to DF1 and vice versa.

Copying from DF0 to DF0 is also possible.

Floppy disk – (only for Greasewaezle)

When you click this button, you can select the floppy disk drive connected to Greasewaezle from the drop-down list.
This depends on how the connector on your floppy disk cable is oriented and what type of floppy disk drive you are using.

The options are:



VIRUS DETECTION –

In DOS mode, BAM detects **456 boot block** viruses.

When a virus is detected, you have the following options:
1. Overwrite the boot block with the X-Copy boot block (Kill BB)
2. Leave the boot block virus (Ignore)
3. Cancel the operation (Cancel)

GurstNibbler is provided "AS IS" without any warranty, and the author is not responsible for any damage that this software may cause.

If you find any errors or have suggestions for improving this software, please contact me at:

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