

Default

COLLABORATORS

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Chapter 1

Default

1.1 DNet clients with GUI

Graphical clients for DNet

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- Overview
- Requirements
- Installation
- Commandline Options
- Copyright

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1.2 Overview

What are they?

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This archive contains three classic DNet client programs with revised outlook and GadTools based GUI. Also new command line options have been added. All windows and requesters are font sensitive, of course.

GGet is basically old getfiles downloader with the exception that it opens a window showing the name and size of the file being transferred. Also the mandatory progress indicator bar is drawn.

GPut looks similar to GGet but is used to upload files (e.g. is a putfiles clone).

DLoad is a XLoad-stylish remote load monitor. Replaces old LoadAv.

1.3 Requirements

Requirements

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Obviously you need a DNet installed before you can use these programs. At least version 37 of Kickstart is also required. Clients should run with all versions of DNet, but I have tested them only with old 2.20 version which I prefer to use (untill someone writes a STABLE version of DNet not using the massive ixemul.library or anything else unnecessary). The programs are compiled with DICE and GUIs created with GadToolsBox, so no extra libraries or utilities are needed.

Clients can be run from CLI only. When run from Workbench programs simply exit doing nothing. If you want to start clients from icon, write a shell-script and use IconX or ARexx.

1.4 Installation

Installation

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Just copy the programs where the other DNet clients are.

1.5 Commandline Options

Commandline Options

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There are several keywords in the commandline which are recognized.

Common switches applying to all programs include:

N=NET	Specifies the network ID (doesn't work in fact, but is included for compatibility reasons).
PS=PUBSCREEN	Specifies the name of public screen on which the client opens.

Follow the appropriate links for the client specific keywords.

GGet
GPut
DLoad

1.6 GGet

GGet

F=FILES Specifies the remote files/directories to be downloaded. This keyword is optional (means you don't have to write it since all the words in

the commandline not belonging to another option are assumed to be file/directory names).

D=DIR Specifies the local directory to hold the downloaded files.
 L=LEFT The x-coordinate of the upper left corner of the window.
 T=TOP The y-coordinate of the upper left corner of the window.
 B=BUF Specifies the size of the input buffer in bytes (default 4096).
 C=CONT When this keyword is present GGet downloads only the files/directories or even the parts of files which doesn't already exist in the local directory . Useful when transfer is continued after error or interruption.

Examples:

```
GGet FILES foo.c foo.h DIR ram: BUF 1024
GGet foodir T=0 L=300 CONT PS=MyScreen
```

1.7 GPut

GPut

F=FILES Specifies the local files/directories to be uploaded. This keyword is optional (see above).
 D=DIR Specifies the remote directory to hold the files.
 L=LEFT The x-coordinate of the upper left corner of the window.
 T=TOP The y-coordinate of the upper left corner of the window.
 B=BUF Specifies the size of the output buffer in bytes (default 1024).

Examples:

```
GPut FILES ram:foo.c ram:foo.h DIR /tmp/mydir BUF=1024
GPut T 0 L 300 S:
```

1.8 DLoad

DLoad

G=GEOMETRY Specifies the size and location of the DLoad window. The format is "top/left/width/height". Default is 484/0/80/44.
 P=PENS Specifies the pen numbers used to render the window. The format is "backgroundpen/foregroundpen/textpen/gridpen". Default is 0/3/1/2.
 PR=PERIOD Specifies the frequency in seconds in which the graph is updated. Default is 60 seconds.
 ML=MAXLOAD Specifies the scale of the load window. E.g. the amount of load (from 1 to 100) in the top edge of the window. Default is 20.
 GS=GRIDSTEP Specifies the scale of the horizontal grid in the load window (same units as above). If smaller or equal to MAXLOAD no grid is drawn at all. Default is 5.

Examples:

```
DLoad GEOMETRY 0/16/80/80 PERIOD=40 MAXLOAD=10 GRIDSTEP=2
DLoad G=480/0/160/80 P=1/3/2/0 PR 10 PS MyScreen
```

1.9 Copyright

Copyright

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These programs are, like DNet, freely distributable. You may do whatever you want with them. And as usually, I take no responsibility for any damages caused directly or indirectly by them.

The source is not included because it is not exactly a model example of how to write nice little DNet clients. Rather a mixture of Matt's old code and a sourcecode produced by GadToolsBox spiced with my own modifications. So don't ask me for it ;-). If you want to contact me, drop a mail at the following address:

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