

SysOpDL

SieGeL/tRSi

COLLABORATORS

	<i>TITLE :</i> SysOpDL	
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>
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<i>SIGNATURE</i>		

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NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

SysOpDL

1.1 English documentation for SysOp-DownLoad

```

..... ←
.....
::::::::::: ..... ' \:.....
::::::::::: ..... :..... :.....
::::::::::: ..... :.....:.....' .....
-- [ Mo! ] ----- :..... ----- :..... --.
|                               ( /X·INNOVATION )                               |
\-----'

```

pROUDLY pRESENTS:

SysOp-DownLoad V1.33 by SieGeL (tRSi/X-iNNOVATiON)

DS Replacement for FAME & Amiex Systems

~~~

Introduction & Features of~this~Tool

~~~

Distribution & Technical informations

~~~

Registration of Tools/Doors

~~~

Installation of SysOp-DownLoad

~~~

ToolType-informations

~~~

How to use SysOp-DownLoad

~~~

Credits & Copyright Notes

~~~

(tRSi/X-/F-/T-iNNOVATiON)

~*~

The famous Greetings

aNOTHER tOOL cOMMIN' fROM tHE rEAL (tRSi/X-iNNOVATiON)

1.2 Introduction and Features

INTRODUCTION

Some people knows the good old SysopDownload from ByteAndi/tRSi, which was released a long time ago...personally i think that this was the best DS Replacement ever written for AmieX-Systems, but it has some disadvantages I don't like very much, like the Problems with Hydra, hardcoded archive-names, missing CRSR-Key Support etc. The biggest problem was the fact that ByteAndi loses all his sources during a Bust of his BBS, so there was no chance to update the old sourcecode. Anyway, I want an update, so I asked Byti if I could write a new DS Door with all new enhancements a door should have now...he agrees and I made this new Update of SysOp-Download with the following features:

FEATURES

- Uses only AmigaDOS routines instead of ANSI-C, makes it very faast!
- Supports LZX, LHA & ZIP for packing files/directories.
- CRSR-Keys controlled Line-Edit prompt, allowing you to edit the whole path without typing anytime the same. Also CTRL-X to kill the line is supported, TAB-Key for Pathname-Completion etc. For a complete overview take a look to Chapter Usage~of~SysOp-Download.
- Integrated History-buffer, which buffers up to 20 entries, so you could easily repeat the last command by using CRSR-UP/DOWN.
- Supports all AmigaDOS Wildcards and Patterns, also an Device-Detection is built in, so it's impossible that an user could flag i.e. DH0: , but he could flag C: for example! SysOp-Download is able to detect assigns and devices automatically.
- Flaglist is only limited by your Memory, not any longer by the door ! Also all Error-Requesters are disabled for more security.
- Archivename is now freely selectable!! After packing, you could choose your own filename for this archive.
- Correct BatchDownloading. If you select many files at once and don't pack them, SysOp-Download sends all files at once, not any longer in the way: Send File, close ZModem-Requester, send next file, etc. Also the

Hydra Transfer works now perfect!

1.3 Author & technical Informations

DISTRIBUTION:

Following notice applies to product called "SysOpDownload" and everything in its original distribution archive.

- * Program is published by SieGeL/tRSi under concept of RegisterWare

No warranties are given. I take no responsibility of any possible harm this product could do to your amiga system (not that it would but..).

- * You may NOT sell this product without permission from me.
- * Program must not be altered in any way.
- * Package must always be kept intact when spreading.
- * It is OK to include this on CD-ROM & disk collections and distribute it through aminet and other such ftp's and file nets.

Above mentioned rules apply to SysOpDownload and other texts/libraries within the original package versions 1.33 and newer unless otherwise stated.

TECHNICAL INFORMATION:

Program: SysOp-Download Door for FAME & Amiex Systems.
Version: V1.33~
Released: 09-18-95
Written by: SieGeL/tRSi
Machine used: A4000, 68040/40, 14MB, AmigaOS 3.1
Required: AmigaDOS 2.0 or~above, installed Amiex or FAME BBS,
PIPE: already mounted.
Special Note: Original Program by~ByteAndi/tRSi, completely new coded~and~enhanced by SieGeL/tRSi. I rewrote this Tool from ByteAndi during the fact that the original program had the big disadvantage that it won't support Hydra, was very slow etc. In this new Version, Hydra will be no longer any problem and the speed is the same like any other Tool with Pathname-completion.

1.4 Registration of Tools/Doors

REGISTER DOORS/TOOLS

All tools I've made in the past are released under the RegisterWare~concept. This means, that I release all my doors only one time as~full~working~Public Versions, all updates/bugfixings are only~available~for~registered~Users.

The Registration costs 30.- DM and has to be paid only *ONE* time for~*ALL*~ bbs-doors I have made until now. Of course~all~new~doors~are~included~in~ this registration fee, too.

To become registered user, contact one of the following Boards and leave~a mail to SieGeL/tRSi about Registration:

pUNISHMENT iNC: +49(0) 30 694 8470
+49(0) 30 694 8570

Paralysis: +49(0) 30 721 6071
+49(0) 30 721 6072
+49(0) 30 721 6073
+49(0) 30 721 6065

Spirit of Soul: Absolute Private

These Boards are supporting only 100% Public Domain.

You could also use E-Mail to contact me: siegel@deadline.snafu.de

1.5 Installation of SysOp-DL

INSTALLATION

Just click on the supplied Install Icon to Install SysOp-Download via the Installer. This script will set everything for you including the Tooltypes.

If you want to install it by yourself, follow these steps:

1. Copy the SysOpDL/ Drawer to your DOORS: drawer or wherever you have stored your BBS-Tools.
2. Edit the ToolTypes from the SysOp-Download Icon to your needs.
3. Depending on your BBS-System follow this step now:

For AMIEX-Users:

Copy the Icon COMMANDS/BBSCMD/DS.INFO to your BBS:COMMANDS/BBSCMD/ drawer and adjust (if needed) the LOCATION Tooltype to the path were SysOp-Download could be found.

For FAME-Users:

Copy the Door-Definition from SETTINGS/DOORS/BBSCMD/DS to your FAME:SETTINGS/DOORS/BBSCMD/ drawer. Now start SystemEditor, load in the BBSCMD "DS" and adjust the path to SysOp-Download. Don't forget to save back the definition!

4. If you have installed SysOp-Download with the Installer-Script, you should now read the Chapter
Usage~of~SysOp-Download

, all others should
 take a look to the
 ToolTypes
 to setup the Program correctly!

1.6 All Tooltypes from SysOp-DL

ALL TOOLTYPE-INFORMATIONS

Now following a list of all currently supported Tooltypes:

TOOLTYPE: |~DESCRIPTION:~

```
-----+-----
PASSWORD | This is the only Tooltype which is absolutly needed~for
| SysOp-Download. If you don't specify it, it won't work ! Enter
| here a Password (max. 40 Chars, not case-sensitive!) which
| will be used as Securitycheck every time the Door~starts.~
-----+-----
```

```
TEMP_PATH | When you plan to use the Pack-Option of SysOpDL, you MUST~(!)
| enter here a valid ADOS-Path. This path is used to pack all
| selected files into an archive which will be created into
| this path, so make sure that enough Bytes are free! If this
| Tooltype isn't present, it's impossible to download complete
| dirs, as directories are always packed by SysOpDL~!~
-----+-----
```

```
LHA       | Here you should enter the full path of the packers you want~to~
LZX       | use with SysOpDL, i.e. LHA=PACKERS:LHA. If some of this Tool~
ZIP~      | types are not available, the according packers won't be shown
| in the 'Choose-Packer' List.
-----+-----
```

1.7 How to use SysOp-DL

USAGE OF SYSOP-DOWNLOAD

Please select chapter for which you need more informations:

FLAGGING:

```
~~~
Flagging~of~files
```

```
~~~
File-Completition
```

```
~~~
Online-Help
```

```
~~~
Restrictions
```

FLAG-MENU:

```

~*~
Packing

~*~
Downloading

~*~
Show flagged files

~*~
Online-Help

~*~
Quit

```

1.8 Flagging files with SysOp-Download

FLAGGING OF FILES

When you are in the flagging Prompt, you could enter here the pathnames of the files you want to flag for downloading. Also inside this prompt some special Keyshortcuts are available:

```

?          -> Display the external
           Helpfile
.
TAB        -> Allows
           Pathname-Completion
.
CTRL-X     -> Clear whole line.
CRSR UP/DOWN -> Forward/Backward scrolling through the History-Buffer.
CRSR LEFT/RIGHT -> One char left/right allowing you to edit the line.
ENTER      -> Switch to
           Flagmenu
.

```

When flagging files, you could also use ALL valid AmigaDOS patterns to find the files, but it's not allowed to flag patterns! So if you enter i.e. dh0:c/pic* and simply press return, it won't work ! But if you press first

```

TAB
to complete this pattern and after this press Return, it will ←
work :)

```

Flagging of dirs is also possible, but SysOp-Download takes care about Devices, and if found one, won't flag it, i.e. an user flags the device:

DH0:

and enters return, the screen flashes and the flagging won't be made! But of course you could enter i.e.

DH0:DEVS/MONITORS/ or DEVS:

to flag the whole dir. As you can see, it's allowed to flag ASSIGNS only ! SysOp-Download takes care about this difference, of course the device "SYS:" is also disabled. See chapter

Restrictions

for a complete list of

all restrictions. As a special security, SysOp-Download will expand the path from assigns to their real path, i.e. the logical assign 'C:' may be expanded to 'Workbench:C'. This was necessary in fact of a bug in the Evaluation Version of LZX V1.20, which always append an Slash (/) to every path, no matter if this pathname ends with a double-quote (:) or a slash! So if you flagged i.e. ENV: and decides to pack with LZX, it will result in packing first ENV:/ (on my configuration in RAM:) and then all files found in ENV: ! In fact of expanding the files you could be sure that everything will be packed correctly.

When you flag directories/assigns, it results in packing first all entries before downloading them! See chapter

Packing

for more informations.

This step had to be done because directories could grow in their size extremely and to avoid problems, all directories would be packed. If the SysOp decides to disable the Packing-Procedure, you were not able to download Directories ! So I recommend to supply at least one packer to support this feature of SysOp-Download.

All files that should be flagged are also checked for the Restricted File-comment and if found, won't flag those files.

When you flag files, which are already found in the Flaglist, those files were skipped. You could see this if the Number of flagged files won't grow.

1.9 Tab-Key Support from SysOp-Download

USING THE PATHNAME-COMPLETITION VIA THE TAB-KEY

The Pathname-Completion is 100% the same like the wellknown

C-Shell

, but

it handles the scanning a little bit different from other programs which support Path-completion. So it's possible to expand Wildcards to whole pathes, i.e. the following Wildcard:

dh0:*/**/**/*/*

could be expanded i.e. to:

dh0:Tools/Monitor-Tuning/MonEd3a/thinpaz/8

or something similar found on your HD :) Check out the speed SysOp-DL found this pattern vs. C-Shell, and you will notice an incredible difference!

You could of course write down only a part of a file and let SysOp-DL complete the path. If a path won't be completed, it won't exist or is marked as

```

        restricted
        File/Dir ! If this happens, a screenflash appears to inform
you about the failure.

```

The length of the Pathes is currently limited to ca. 70 chars, that should be enough. If not, please

```

        register
        and you will get more chars to enter! If
the selected path is longer than the max. amount of chars, it won't be
completed via TAB-Key!

```

All unknown devices (i.e. SIEGEL:) were skipped and answered with a Screen-flashing. This means, that ALL AmigaDOS-Requesters are disabled, so it's not possible to hang up a node by typing the wrong device etc.

1.10 Online-Help from SysOp-Download

THE ONLINE-HELP

The Online-Help could be found in the Program-Dir of SysOpDL and is called 'SysOpDL.hlp'. You may change this file to your own needs, it is not necessary to install it, but if you want online-help, you should install it or create your own help-file.

Here is an ASCII Output of the Help-File:

-----[CUT HERE]-----

```

                Sysop-Download - Online Help
                ~~~~~

```

```

(P)ack.....Pack flagged files with your favourite packer and dl' them
(D)ownload....Download all flagged files without packing (NO DIRS/ASSIGNS!)
(S)how Flags..Show all currently flagged files
(?) Show Help.Display this Page here
(Q)uit.....Exits Sysop-Download

```

NOTES: If you are in Flag-Mode, you could use the TAB-Key for pathname-completion, the CRSR-Keys left/right to edit the line, CRSR-Up and down for History-Buffer-Usage and wildcards are also supported. When you flag Assigns or dirs, Sysop-Download expands them to the complete pathname to avoid problems with the packers! Also the Packoption is turned on, as it makes no sense to download dirs without packing them first!

-----[CUT HERE]-----

This file is only an example, you could of course paint your own one..:)

1.11 What's allowed and what's forbidden...

RESTRICTIONS WHEN USING SYSOP-DOWNLOAD

During the flagging of files, there are some restrictions on which SysOpDL keeps an eye to avoid "problems"...here's a list of all restrictions from SysOpDL:

- Checks out the Device-List if you enter i.e. an assign. If this assign is locked as Device, you are not able to flag this! Also the Devicename "SYS:" is forbidden.
- Checks the FileComment for restricted Files, and if found, won't complete the filename or flag it.
- Checks if given Filename contains AmigaDOS patterns. If found some, skips the flagging. So please use always FULL filenames/pathes. This should be no problem when using the
TAB-Key
.
- Flagging Directories/Assigns results in
Packing
the Files before down-
loading them.
- Double Filenames are skipped, i.e. you've flagged "ARQ" and after some files again "ARQ", it won't be copied to the flaglist anymore!

This methods should give enough security I think...if you need more, feel free to

register
yourself and you've got your additional security-checks
ASAP!

1.12 Flagmenu of SysOp-Download

THE FLAGMENU

This menu appears if you press ENTER only in the Fileprompt. The following menu would be displayed:

```
(
    P
    )ack, (
    D
    )ownload, (
    S
    )how Flags, (
    ?
    )=Display Online Help, (
    Q
    )uit Program
```

Select the desired menuentry or

CLICK~HERE
to go to main menu section.

1.13 Packing Support from SysOp-Download

PACKING OF FILES

Here you could pack your files before
downloading
them. To let this work,
you must supply at least one of the Packer-Tooltypes. All packers, for which

Tooltypes
exists, where shown and you could choose which one should be used ←

The packing works in "Realtime", meaning that you could view the whole
packing process directly.

After packing, you where prompted for a filename to use for downloading.
The default filename is SysOpDL<node>.<packer>. If you want to abort the
downloading, simply delete the line and press enter, this aborts and exits
SysOp-Download without downloading.

NOTE: Of course you have the same options to edit the line like in the
Fileflagging prompt, but of course the
TAB-Key
is disabled :)

If you've flagged directories/assigns, you MUST pack the files before down-
loading them, otherwise it's not possible to download the flagged list!

After downloading, SysOp-Download writes a comment in the node callerslog
and exits.

1.14 Downloading of Files...

DOWNLOADING ALL FLAGGED FILES

When you've selected this option, SysOp-Download starts with the BatchDown-
load procedure. After downloading the files, SysOp-Download writes a comment
in node's callerslog and exists.

NOTE: It's not possible to download directories/assigns, without packing
them first!!! So if you have flagged directories and press 'D' for
downloading, SysOp-Download will first pack your files before sending
them to you!

1.15 Show flagged files...

SHOW FLAGGED FILES

This gives you an overview of all currently flagged files. The output looks like :

```

001 BarClock                               6364 Bytes
002 BarClock.info                          1751 Bytes
003 Workbench:C                            Directory
004 MagicSelector.info                    1581 Bytes
005 devs:MountList.ParNET.Client          446 Bytes
006 ram:T                                  Directory
...
...
...

```

If you have no files flagged, an information text appears and you return to

```
Flag~Menu
.
```

1.16 Quit SysOp-Download

QUIT SYSOP-DOWNLOAD

This exits SysOp-Download...what else...:)

1.17 The wellknown Greetings :)

THE GREETINGS

```

ByteAndi/tRSi - Und gefaellt dir das nu so wie es is oder wat ?
dR.dRE!/tRSi  - Ich musste mal deinen Guide-Style klauen, sorry...:))
Strider/tRSi  - Mach hinne mit der FAME, alles schreit danach...
Bloodrock/tRSi - Wo zum Teufel bleibt der chat ??????????????? :)
Beatnik/tRSi  - Und wo bleibt das Join Conference fuer FAME ? :)
Mario/tRSi    - Welcome as new Dist Site ! :)
Argon         - Nu sollten die Probs mit Hydra wech sein...:)
dEATH aNGEL   - Gib dir ALLES beim Testen, nur weiter so!

```

...and of course all my registered users and Beta-Testers...

1.18 Credits and Copyright Notes

CREDITS AND COPYRIGHT NOTICES

SysopDL v1-v1.20 Copyright © & distributed 1991-1994 by Andreas "ByteAndi" Petermann. All rights reserved.

pUNISHMENT iNC. GERMAN HQ (SYSOP SieGeL) Node 1. +49-30-694 8470
Node 2. +49-30-694 8570

sPIRIT oF sOULS DIST SITE (SYSOP MARIO) -> ABSOLUTE PRIVATE! <-

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