

Dolcon 1.0 documentation

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| COLLABORATORS |
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| | <i>TITLE :</i> Dolcon 1.0 documentation | | |
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Contents

| | | |
|----------|----------------------------------|----------|
| 1 | DoIcon 1.0 documentation | 1 |
| 1.1 | --- DoIcon 1.0 documentation --- | 1 |
| 1.2 | welcome | 1 |
| 1.3 | distribution | 2 |
| 1.4 | disclaimer | 2 |
| 1.5 | features | 2 |
| 1.6 | requirements | 3 |
| 1.7 | installation | 3 |
| 1.8 | usage | 4 |
| 1.9 | file | 4 |
| 1.10 | type | 5 |
| 1.11 | newtype | 5 |
| 1.12 | position | 6 |
| 1.13 | NewPosition | 6 |
| 1.14 | UnSnapshot | 6 |
| 1.15 | NewDrawerPosition | 7 |
| 1.16 | NewDrawerDimensions | 7 |
| 1.17 | stacksize | 7 |
| 1.18 | newstacksize | 8 |
| 1.19 | defaulttool | 8 |
| 1.20 | newdefaulttool | 8 |
| 1.21 | depth | 8 |
| 1.22 | stripdepth | 9 |
| 1.23 | depthto8 | 9 |
| 1.24 | remap | 9 |
| 1.25 | highlight | 9 |
| 1.26 | newhighlight | 10 |
| 1.27 | tooltypes | 10 |
| 1.28 | changetooltype | 10 |
| 1.29 | addtooltype | 11 |

| | |
|----------------------------------|----|
| 1.30 toggleooltype | 11 |
| 1.31 cleartooltypes | 11 |
| 1.32 delete | 11 |
| 1.33 killoldinfo | 12 |
| 1.34 locale | 12 |
| 1.35 address | 13 |
| 1.36 History | 13 |
| 1.37 future | 13 |
| 1.38 thanks | 13 |
| 1.39 PrettyGoodPrivacy | 14 |

Chapter 1

Dolcon 1.0 documentation

1.1 --- Dolcon 1.0 documentation ---

```
<>>> DOICON 1.0 <<<>
```

```
Icon information and manipulation tool
```

```
<>>> FREWARE <<<>
```

(But it would be nice if you send me a mail, when you use it!)

| | | |
|------------------|-----|--|
| Welcome | --- | Welcome to DoIcon! |
| Distribution | --- | Please read this first. |
| Disclaimer | --- | Legal stuff. |
| Features | --- | What can it do? |
| Requirements | --- | What you need to run DoIcon. |
| Installation | --- | How to install DoIcon. |
| Usage | --- | Getting familiar with DoIcon. |
| Localization | --- | Using DoIcon with different languages. |
| Author's Address | --- | How you can reach me. |
| History | --- | What has happened to DoIcon. |
| Future | --- | Is there a future for it? |
| Thanks | --- | Whom I must say "Thanks". |
| PGP stuff | --- | Ignore this, if you don't use PGP. |

DoIcon and this documentation are Copyright © 1994 by Lars Eilebrecht.

1.2 welcome

Welcome to the DoIcon documentation.

Please read this documentation before you use DoIcon, otherwise DoIcon may modify your icons in an unrecoverable way you did not intend!

DoIcon is the first program I released to the public!

It's only a small tool, but I hope you will like it,
if not... delete it... ;-)

DoIcon was successfully tested on the following Amigas:

- A3000 / 030 / OS 3.1
- A4000 / 040 / OS 3.1
- A500+ / 000 / OS 2.1

1.3 distribution

DoIcon is FREeware, but if you like it, use it or even if you only tested it, please send me an email, postcard or whatever you want... :-)

DoIcon may be freely distributed as long as no charge is made other than to cover time and copying costs.
This should be not higher than what Fred Fish charges from one of his freely redistributable disks.
The program, documents and catalogs must be distributed in their original unmodified form.

Fred Fish has special permission to include this program in his Fish-CD-Series.

If you would like to include DoIcon within an other package (eg. for use in installation-scripts), feel free to do so, but please drop me a note about it!
(Only commercial packages need my permission!)

Please see my [Address](#) on how you can reach me.

DoIcon and this documentation are Copyright © 1994 by Lars Eilebrecht.

Amiga, Kickstart and Workbench are trademarks of Commodore-Amiga, Inc.

1.4 disclaimer

DISCLAIMER:

This product is distributed "as is" without representation or warranty of any kind, either expressed or implied.
The user assumes all risks and responsibilities related to its use.
(So don't blame me, if DoIcon blows-up your Amiga or eats your HD... ;-)

1.5 features

DoIcon is yet another icon tool, but it's designed for quick shell-usage and is perfect to use it together with DirOpus or any similar tool.

Features:

- Displaying of icon related values...
Type, Defaulttool, Stacksize, Highlightmethod, Position, Dimensions, Tooltypes and number of bit-planes
- Manipulation of the above listed values...
- Manipulation of tooltypes (add, change, toggle, delete, clear)
- Strip number of bit-planes.
- Converting icons to 8 bit-planes
(For icons which are not displayed correctly on >8 color WBs)
- Remapping icon colors (1.x style <-> 2.x/3.x style)
- Deleting icons (with Workbench refresh)
- Recursively delete all ".info"-files
(Not all info-files, only the old 1.x drawer-infos are killed :-)
- Full locale support, you can use DoIcon in your preferred language

1.6 requirements

DoIcon needs:

- any kind of Amiga :-)
- Workbench 2.04 or higher
- some bytes of memory during usage...
- and it must be run from shell, if you try to run it from Workbench it will just exit.

1.7 installation

Installation is very easy:

If you want to use the Installer, simply double-click on "Install-DoIcon"!

If you want to install DoIcon by hand, just do the following:

- 1) Copy "DoIcon" in any directory you want.
I recommend a directory within your search path (eg. C:)
- 2) When a catalog for your preferred language is available, just copy the appropriate DoIcon.catalog to "Locale:Catalogs/<language>".
- 3) This documentation may be copied to the directory, where you store your guide files.

just do it!

1.8 usage

DoIcon is a shell tool.

Usage: DoIcon < File > [<options>]

| | | |
|----------|----------------|------------------------|
| Options: | Type | (switch) |
| | newType | (string-option) |
| | Position | (switch) |
| | newX / newY | (number-option) |
| | freeX / freeY | (switch) |
| | newDX / newDY | (number-option) |
| | newDWidth | (number-option) |
| | newDHeight | (number-option) |
| | Stacksize | (switch) |
| | newStacksize | (number-option) |
| | Defaulttool | (switch) |
| | newDefaulttool | (string-option) |
| | Depth | (switch) |
| | stripDepth | (switch) |
| | DepthTo8 | (switch) |
| | Remap | (switch) |
| | Highlight | (switch) |
| | newHighlight | (string-option) |
| | Tooltypes | (switch) |
| | changeTooltype | (string/number-option) |
| | addTooltype | (string-option) |
| | toggleTooltype | (number-option) |
| | deleteTooltype | (number-option) |
| | clearTooltypes | (switch) |
| | Delete | (switch) |
| | KillOldInfo | (switch) |

If you supply no options, DoIcon will display all icon values, depending on the icon-type.

1.9 file

FILE

DoIcon needs this argument for any operation.

You can supply the suffix ".info" to the filename, but you need not.

If you use the KillOldInfo-option you need to supply a device- or directory-name where DoIcon should start it's search.

Examples: "DoIcon sys:disk" will show you some information about this disk-icon.

"DoIcon sys:disk.info" will do the same.

"DoIcon sys: KillOldInfo" will delete all ".info"-files on your system-device.

Restrictions: Currently you cannot use multiple iconfiles or patterns!

1.10 type

TYPE

minimum acceptable abbreviation: "T"

This switch shows you the icon-type of the supplied iconfile.
This can be DISK, DRAWER, TOOL, PROJECT, TRASHCAN, DEVICE, KICK or APPICON.
(eh... but DEVICE, KICK and APPICON may not appear very often... ;-))

Example: "DoIcon sys:disk type" will return DISK as icon-type

1.11 newtype

NEWTTYPE

minimum acceptable abbreviation: "newT"

This option changes the icon-type.
It needs on of the following strings as input:
DISK, DRAWER, TOOL, PROJECT, TRASHCAN, DEVICE, KICK or APPICON.
(DEVICE, KICK and APPICON may not used normaly...)

Dependand on the supplied icon and the new icon-type default values like stacksize, window-position, window-dimensions... are set automatically during conversion.

If you convert an icon to DISK or DRAWER DoIcon tries to use the window-position and dimensions from "ENV:SYS/def_disk.info" rsp. "ENV:SYS/def_drawer.info".

If DoIcon don't find this icon, system defaults are used.

Example: "DoIcon sys:disk newtype=trashcan" will transform your disk-icon into a trashcan-icon. (just an example, don't try it... ;-)

1.12 position

POSITION

minimum acceptable abbreviation: "XY"

This switch shows you the icon-position (relative to the window it's in) and the icon-dimensions in pixels.

If you have supplied a DISK or DRAWER icon the window-position and window-dimensions are automatically displayed.

Example: "DoIcon sys:disk xy" (just try it)

1.13 NewPosition

NEWX / NEWY

With newX and newY you can change the position of the icon.

NewX stands for the left edge of the icon and newY for the top edge.

Example: "DoIcon sys:disk newx=100 newy=100"

This will move your disk-icon to an other position...

1.14 UnSnapshot

FREEX / FREEY

With the freeX and freeY switch you can free the icon-position.

In other words, you can unsnapshot the icon with these switches.

Example: "DoIcon sys:disk freex freey" will unsnapshot your disk-icon

Restrictions: It's possible to free the x- and y-position separately. With freeY everything goes fine, but when only the x-position is freed the Workbench even behaves like both positions are free! When the Workbench finds a free x-position it concludes that the y-position must be free too... :-)

1.15 NewDrawerPosition

NEWDX / NEWDY

With newDX and newDY you can change the window-position of the icon. NewDX stands for the left edge of the drawer-window and newDY for the top edge.

The supplied icon should be of type DISK or DRAWER.

Example: "DoIcon sys:disk newdx=100 newdy=100"
This will change the position of your system-window.

Restrictions: The window-position (if it's open) is not refreshed automatically. If you want the changes to take effect, you should "update" the window with the icon (NOT the window you have changed!).

1.16 NewDrawerDimensions

NEWDWIDTH / NEWDHEIGHT

With newDWidth and newDHeight you can change the window-dimensions of the icon.

The supplied icon should be of type DISK or DRAWER.

Example: "DoIcon sys:disk newdwidth=200 newdheight=200"
This will change the dimensions of your system-window.

Restrictions: The window-dimensions (if it's open) are not refreshed automatically. If you want the changes to take effect, you should "update" the window with the icon (NOT the window you have changed!).

1.17 stacksize

STACKSIZE

minimum acceptable abbreviation: "SS"

This switch displays the Stacksize of the supplied icon. The icon should be of type TOOL or PROJECT.

Example: "DoIcon sys:yourtool ss" (easy, isn't it? :-)

1.18 newstacksize

NEWSTACKSIZE

minimum acceptable abbreviation: "NEWSS"

This option changes the stacksize of the supplied icon.
You should pass the new stacksize in bytes to this option.

Example: "DoIcon sys:yourtool newss=8192"
Yeah... now yourtool has a stacksize of 8192 bytes... :)

1.19 defaulttool

DEFAULTTOOL

minimum acceptable abbreviation: "DT"

This switch displays the Defaulttool of the supplied icon.
The icon should be of type DISK or PROJECT.
But ALL icon-types are checked, because even a TOOL-icon can have a defaulttool! The Tool does not use it, but there may be one stored in the iconfile!

Example: "DoIcon sys:disk dt" should return "SYS:System/DiskCopy"

1.20 newdefaulttool

NEWDEFAULTTOOL

minimum acceptable abbreviation: "NEWDT"

This option changes the defaulttool of the supplied icon.
The icon should be of type DISK or PROJECT.
You can pass any string to this option, but if there are spaces in the string you must embrace it with quotation-marks.

Example: "DoIcon sys:disk newdt=SYS:myDiskCopy"

1.21 depth

DEPTH

minimum acceptable abbreviation: "D"

This switch displays the number of bit-planes of the supplied icon.

Icon-images normally consist of 1, 2, 3, 4 or 8 bit-planes.
This refers to 2, 4, 8, 16 or 256 colors.

1.22 stripdepth

STRIPDEPTH

minimum acceptable abbreviation: "STRIPD"

This switch strips an icon down to a specified number of bit-planes.
You can use 1, 2, 3, or 4 bit-planes.

Example: "DoIcon sys:disk stripd=2"

This strips your icon down to 2 bit-planes (4 colors), provided
that the original icon consisted of 3 or more bit-planes.

1.23 depthto8

DEPTHTO8

This switch converts an 3 bit-plane icon to an 8 bit-plane icon.
On a Workbench with more than 8 colors some icons with 3 bit-planes
are not displayed correctly, but with "DepthTo8" you can convert these icons.

After conversion the icon should be displayed correctly.

1.24 remap

REMAP

This switch exchanges color 1 and 2 of the icon.

WB 1.x uses as standard color scheme "orange/white/black/blue", but
with WB2.0+ the scheme changed to "grey/black/white/blue and old
icons appeared weird with this new color scheme.

So you can use the Remap-switch on these icons and make them look normal.

1.25 highlight

HIGHLIGHT

minimum acceptable abbreviation: "HL"

This switch displays the highlight-method of the supplied icon.

This can be IMAGE, COMPLEMENT or BACKFILL.

Example: "DoIcon sys:disk hl" may return IMAGE

1.26 newhighlight

NEWHIGHLIGHT

minimum acceptable abbreviation: "NEWHL"

This option changes the highlightmethod of the supplied icon.
It needs one of the following strings as input:
IMAGE, COMPLEMENT, BACKFILL.

Example: "DoIcon sys:disk newhl=backfill"
This will change the disk-icon to BACKFILL-mode.

1.27 tooltypes

TOOLTYPES

minimum acceptable abbreviation: "TT"

This switch displays all tooltypes found in the iconfile.

1.28 changetooltype

CHANGETOOLTYPE + NUM

minimum acceptable abbreviation: "CTT"

With this option you can change an existing tooltype to a new one.
Simply pass the new tooltype to the option and the number of the
old tooltype as an additional option.
If there are any spaces or a "=" in the new tooltype string you must
embrace it in quotation-marks.

Examples: "DoIcon sys:yourtool ctt=DONOTWAIT num=1"
This will change the tooltype at position 1 to "DONOTWAIT".

"DoIcon sys:yourtool ctt="STARTPRI=5" num=2"
This will change the tooltype at position 2 to "STARTPRI=5".

1.29 addtooltpe

ADDTOOLTYPE

minimum acceptable abbreviation: "ATT"

With this option you can add a tooltip to the tooltip-list of the icon. Simply pass the new tooltip to the option. If there are any spaces or a "=" in the new tooltip string you must embrace it in quotation-marks.

Example: "DoIcon sys:yourtool att=DONOTWAIT"
This will append "DONOTWAIT" to the tooltip-list of "yourtool".

1.30 toggletooltip

TOGGLETOOLTIP

minimum acceptable abbreviation: "TTT"

With this option you can toggle a tooltip on or off. You should pass the number of the tooltip to the option. If the specified tooltip is enabled it's turned off and if it's disabled it's turned on.

Example: "Doicon sys:yourtool ttt=1" will toggle tooltip number one.

1.31 cleartooltypes

CLEARTOOLTYPES

minimum acceptable abbreviation: "CLEARTT"

This switch clears the complete tooltip-list of the supplied icon! Yes, ALL tooltips are deleted!

1.32 delete

DELETE

If one delete an icon with the AmigaDOS "Delete" command the icon does not disappear from the Workbench (if it's currently displayed).

If you use the Delete-switch, the Workbench is updated automatically (the icon disappears immediatly).

Restrictions: The Delete-funktion does not work on DISK-icons.
The iconfile is deleted, but the icon does not disappear
from the Workbench.

1.33 killoldinfo

KILLOLDINFO

With this switch set, DoIcon recursively scans the supplied directory or device and deletes all ".info" files.
This files are used under Kickstart/Workbench 1.x only, they are useless on 2.0+ systems.
To get rid of them and to save some disk-space "KillOldInfo" can be used.
With CTRL-C you can abort the scan.

Examples: "DoIcon sys: killoldinfo" scans your whole system-partition.

```
"DoIcon yourdir killoldinfo"
scans the directory "yourdir" and all it's subdirectories and
deletes all ".info"-files.
```

1.34 locale

Localization

DoIcon provides full locale support when used with Workbench 2.1 or higher.

Currently supported languages:

- English (builtin)
- German

Included guides:

- English
- German

If your language is not supported, you can translate the provided "DoIcon.ct" file and send it back to me.
I will compile it and include it into the next release of DoIcon.
Translation is very easy, just fill in your translations above the original english texts in the DoIcon.ct file.

If you use accents or umlauts please uuencode your email, because these characters don't survive 7-Bit transmissions!

Please see Author's Address on how to reach me.

1.35 address

Author's Address:

standard mail:

Lars Eilebrecht
Glück-Auf-Str. 23

57223 Kreuztal
GERMANY

electronic mail:

Internet: SFX@appl1.hrz.uni-siegen.de (recommended)

Fido-Net: SFX 2:2457/175.0

or simply meet me on IRC: Nickname: Shadowfox
(Internet-Relay-Chat)

If you are a PGP-freak, you can encode email with my public PGP-key .

1.36 History

Program history:

Version 1.0 (16.08.94):

- --- Initial release ---

1.37 future

Future?

Is there a future for DoIcon? ;-)

If you have any ideas, suggestions, catalogs or bug-reports,
don't keep it a secret! :)

Please see Author's Address on how to reach me.

1.38 thanks

Thanks must go to:

my Beta-testers: (who were courageous enough to test it... ;-))

- Andreas Heime1
- Tobias Hain
- Fionn Behrens

and last, but not least, to YOU... :-)

1.39 PrettyGoodPrivacy

my public PGP key:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----  
Version: 2.3a.4
```

```
mQA9Ai3+HbgAAAEbgKWIVBslXh7EySoU7MZEY/yla7oqRJIDGzIPVVVNJeTCTfGS  
YM14+mGV04tRZnGpVQAFebQvTGFycyBFaWxlYnJlY2h0IDxnbDUxMUBhcHBsMS5o  
cnoudW5pLXNpZWdlbi5kZT4=  
=uvy4  
-----END PGP PUBLIC KEY BLOCK-----
```

The following signature is related to the "DoIcon"-executable.
With the signature you can verify, if someone has modified the File
in any form. (see PGP-documentation)
If PGP doesn't accept this signature as mine, you should try to get
a new version of the DoIcon-archiv!

DoIcon-signature:

```
-----BEGIN PGP MESSAGE-----  
Version: 2.3a.4
```

```
iQBFAgUALlFx7ZXTilFmcalVAQGTXQF/cIGja6dCV5MlPJcnXN/WCWJLGMOFeSlF  
w+6Vn0LKH7kWoRXCfYHw34cHr0atTlSf  
=w65A  
-----END PGP MESSAGE-----
```
