HDOffGUI_34

COLLABORATORS

	TITLE : HDOffGUI_34		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 6, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

HDOffGUI_34

1.1 HDOffGUI_34.guide

```
        ._    _     __  __           _
| |_  __| |___ / _|/ _|__ _ _  _(_)
| ' \/ _` / _ \  _|  _/ _` | || | |
|_||_\__,_\___/_| |_| \__, |\_,_|_|
.                     |___/
```

Copyright © 1996-1997 by Matthias Andree

Mail-Ware. See

                Copying
                , for details.

         Copying and Licence
                    Your rights and freedoms.

         Overview
                            What this is all about.

         Requirements
                        PowerPC 604e/225, 288 MB RAM.

         Installation
                        How to get it working.

         Using
                            What's this button for? BLAM!

         News
                              Obsolete as soon as you read it.

         Restrictions and Bugs
                    HDOffGUI cannot make coffee.

         Author
                            Where and how to send mail & money.

         Credits and Notes

Anything else I want to say.

Index

Only cross-references?

1.2 HDOffGUI_34.guide/Copying

```
Copying
*******
```

   HDOffGUI 1.7 is copyrighted by Matthias Andree.

   Permission to redistribute it is granted if
   * the redistributed archive is unchanged (1) and complete, it is
     allowed to archive it with: lharc, lha, lzx, zip.

   * the package is redistributed without profit, that means: you do
     not charge more than DM 2,50 (or the equivalent in any other
     currency) for a disk, DM 30 for a single CD-ROM and DM 60 for a
     double, triple, quadruple CD-ROM.

   * no more than one BBS ad is included, none is allowed on CD-ROM
     distributions. The only exception is the Tribal BBS in
     Langenfeld/Rhineland, Germany, whose ad may always be present.

   Permission is also granted explicitly to distribute this package on
Meeting Pearls, Aminet and Amiga Library Services CD-ROM as well as
SaarAG PD disks.

   It is strictly prohibited to use this package in commercial packages
or sell it on tool/"PD" disks without licence which can only be
obtained from the Author.

   The package MUST NOT be included in cover disks or in disk magazines
without prior written consent of the author.

   Legal status: Mail-Ware. This means: Although I do not request any
monetary charge of you, I will gladly receive donations such as money,
registered versions of a shareware tool you have written, postcards.

   You *must* send me an E-Mail, picture postcard or letter if you use
HDOffGUI regularly, please state your likes and dislikes and your
configuration if you want.

   ---------- Footnotes ----------

   (1) this applies also to the file_id.diz file!

1.3 HDOffGUI_34.guide/Overview

```
Overview
********
```

   HDOffGUI is a graphical user interface to HDOff 1.38 or newer. HDOff
1.38 is a hard disk power/noise saver for hard disks connected to the
internal A600/A1200/A4000 IDE host. HDOffGUI is written by Gideon Zenz.

   HDOffGUI uses triton 1.4 by Stefan Zeiger.

   HDOffGUI features:
   * Installs itself as Commodity, can be controlled by commodities
     exchange

   * Configuration via tool types and environmental variables

   * Can start HDOff asynchronously if it is not already active when
     HDOffGUI is started

   * Documentation in DVI and AmigaGuide format(1)

   ---------- Footnotes ----------

   (1) the master document is written in Texinfo format and thus can
easily be converted into these formats

1.4 HDOffGUI_34.guide/Requirements

```
Requirements
************
```

   In order to be able to use HDOffGUI, you need:
   * Amiga 600HD/1200HD/4000(T) with at least one IDE hard drive
     connected to the internal IDE host

   * Kickstart/AmigaOS 2.04

   * Triton 1.4 by Stefan Zeiger (minimal version(1) is included)

   * HDOff 1.38 by Gideon Zenz (*not* included!)

   You can obtain HDOff 1.38 from either:
   * Aminet: 'disk/misc/HDOff_1.38.lha'

   * http://ernie.mi.uni-koeln.de/~gzenz/hdoff.html

   ---------- Footnotes ----------

   (1) full version can be obtained from Aminet:
'util/libs/tri14usr.lha', a copy is on Aminet 8

1.5 HDOffGUI_34.guide/Installation

```
              Installation
************

   There is no Installer script. You do not really  need  one  either,
installation  is quite easy from Workbench. To install HDOffGUI, follow
these steps:
```

  1. If you have 'PGP' and 'MD5SUM': Check distribution integrity.
        * Add my PGP key to your key ring by typing 'PGP -ka
          HDOffGUI_34.guide'

        * Check the signature of 'MD5.ASC' by typing 'PGP MD5.ASC'

        * Check the files by typing 'MD5SUM -vc MD5'

     Alternatively, you can use the Check script that has come along
     with HDOffGUI for convenience if you trust it that far.
     Open a shell, 'CD' to the directory you have HDOffGUI unpacked
     to and type 'Check'.

  2. Install HDOff.

  3. Install Triton. Double-click on the Triton drawer icon, then
     double-click the Install icon

  4. Drag the HDOffGUI icon anywhere you want, maybe the WBStartup
     drawer of your boot partition if you want HDOffGUI to be activated
     on start-up of your computer. HDOffGUI will automatically start
     HDOff if it is not active, which means HDOff must reside in C: in
     order to be found.

  5. Configure HDOffGUI. See
              Using
              , for details.

1.6 HDOffGUI_34.guide/Using

```
Configuring and Using HDOffGUI
******************************

Starting HDOffGUI
=================

   HDOffGUI can be started both from WorkBench and from Shell. The way
it reads its configuration depends on the way it is started, though.

   HDOffGUI cannot be started twice. The  first  copy  will  pop  up
its window as soon as you started the second one. The second one leaves
immediately.
```

Starting from Workbench

   Double-click the HDOffGUI icon or put HDOffGUI along with its icon in
the WBStartup drawer of your boot partition. The configuration is read
from tool types.

Starting from Shell

   You can just type 'HDOffGUI' and add tool types as command line
arguments. Preferably, you would type 'RUN <>NIL: HDOffGUI', eventually
followed by tool types as options on the same line. The tool type
options set in the icon are ignored, they must be specified on the
command line.

   Although the compiler(1) that I have used allows generation of
self-detaching programs (these do not require writing RUN before their
names), I have chosen NOT to do so, but instead I recommend starting
HDOffGUI from WorkBench(2). You could place this line in your
's:user-startup' if you wanted. If you do so, you should not place
HDOffGUI in WBStartup, as it would pop up its window.

Configuring
===========

   HDOffGUI can be fully configured via *tool types.* In addition, the
delay time before shutting down the drives can be configured by an
environmental variable *UNLESS* any of TIMEMASTER and TIMESLAVE are
set. See HDOFFGUIPREFS for details.

   Nota bene: The tool types are *only* taken into regard if HDOffGUI
is started from WorkBench! You need to specify the tool types as
arguments if you start HDOffGUI from Shell.

   To set Tooltypes, click on the icon and choose 'Information...' from
the 'Icons' menu. You can "comment out" tool types you want to be
ignored by enclosing them in parentheses, '(' and ')', example:
'(TIMESLAVE=10)'.

Configuration via tool types

   Attention: the quote marks 'around this' are not to be included in
any option.

   - CX_POPKEY specifies the hotkey that pops up the window if it's
     hidden. Defaults to 'CONTROL LALT H'.

   - CX_POPUP specifies if you want the window shown 'yes' or hidden
     'no' when HDOffGUI is started. Default: yes (shown).

   - CX_PRIORITY specifies in which order to start commodities. Valid
     values are -128 to 127, higher priority commodities are started
     earlier.

- STOPDRIVES specifies the hotkey to stop both drives at once(3).
  Defaults to 'CONTROL RALT H'.

- STOPMASTER is basically the same as STOPDRIVES, except that it
  stops the master drive only (unit 0).

- STOPSLAVE is basically the same as STOPDRIVES, except that it
  stops the slave drive only (unit 1). This is *ignored* if there is
  only one drive, of course.

- TIMEMASTER specifies the time(4) in minutes that the master drive
  must be unused before it is switched to "standby" mode(5), set to
  0 if you do not want the master drive to be shut down at all. If
  this tool type is specified, the environmental variable is
  completely ignored.

- TIMESLAVE is basically the same as TIMEMASTER, but applies to the
  slave drive. Ignored if only one drive is present.

   TIMEMASTER and TIMESLAVE are only implemented, because Gideon
demanded them. I prefer HDOFFGUI_PREFS as the time can be saved to this
variable, but not to TIMEMASTER and TIMESLAVE.

Configuring via environmental variable

   Nota bene: The environmental variable is ignored if TIMEMASTER or
TIMESLAVE is specified. It is also ignored if HDOff is already running
when HDOffGUI is started.

   The environmental variable is called HDOFFGUI_PREFS and must contain
two positive, integer numbers, separated by white space, they and have
the same meaning as TIMEMASTER and TIMESLAVE (in that order).

   Example: saying 'SETENV HDOFFGUI_PREFS 45 60' before starting HDOff
and HDOffGUI would spin down the master drive after 45 minutes being
unused, the slave drive after 60 minutes.

   The time preferences are saved temporarily(6) -- in ENV: -- when you
quit the GUI, you can save them permanently using 'Save preferences'
from the 'Project' menu.

Using the GUI
=============

   The GUI window can be (un)zipped by pressing DELETE or by pressing
the ZIP gadget (second right in the title bar).

   The GUI window can be hidden by Commodoties Exchange, selecting
'Hide window' from the 'Project' menu, by pressing 'RCOMMAND H'. It can
be made appear again by Commodities Exchange or by the CX_POPKEY, if
specified.

   The standby buttons set the corresponding drive to standby mode
immediately. They will spin up again automatically if accessed, even if
HDOff is no longer active(7). The key you can press to take the same
action is underlined.

The Time set sliders allow you to change the time the drives need to
be unused before they are shut down. A count down is displayed in the
'Time left' column. The key you can press to take the same action is
the underlined letter from the 'Drive' column. If the time is set to
zero, HDOff will not shut down the drive at all unless you press the
Standby button (or its corresponding key).

The other buttons are self-explanatory as are the menu options not
explained here. See HDOFFGUI_PREFS, for more detailed information on
the 'Save preferences' menu item.

---------- Footnotes ----------

(1) SAS/C 6.57

(2) Starting a GUI from Shell is somewhat contradictory anyway.

(3) There is actually a short delay between shutting down the
master and the slave drive, this is normal

(4) IBM says that one spin down/spin up cycle is approximately
equivalent to 7 hours of use.

(5) The drive will automatically spin up again if accessed

(6) to the next reboot

(7) General comment: This is different from SCSI drives which can
not automatically spin up again themselves.

1.7 HDOffGUI_34.guide/News

News
****

1.4 (first public release)
1.5 (second public release)
    minor bugfixes, check script to check for integrity

1.6 (third public release)
    slave recognition

1.7 (fourth public release)
    cleaned up internal GUI management, does not ghost 'Commodity
    Information' menu item any more if HDOff is not present.

    window close button now hides window instead of quitting program

1.8 HDOffGUI_34.guide/Bugs

Known Bugs, Restrictions and Incompabitilities
****

   HDOffGUI has been developped and tested on an Amiga 4000 with
CyberStorm 68060/50, 24 MB FastRAM, OS 3.0, Conner CFA340A,
Western Digital Caviar AC31200F,

   GCC 2.7.2(1), SAS/C 6.57, GoldEd 3.1...4.7.2 PRO, Triton 1.4,
Triton 2.0 beta, CyberGuard, MungWall, TexInfo 3.9, PasTeX 1.4.

   If you encounter any bugs or misspellings in this document, please
contact the author, See
               Author
                   .

Known Bugs
==========

   * Triton 1.4 has some bugs. If you encounter strange enforcer hits,
     try Triton 2.0+

Restrictions
============

Slave recognition

   Slave recognition is not yet implemented in HDOff, it is instead
done by just trying to open scsi.device unit 1. If this fails, HDOffGUI
assumes you have only one IDE drive.

Disabling

   There is no way to determine if a drive is in standby or running mode
if HDOff is disabled for that drive. Thus, the standby button is always
available so you can spin down the drive manually at any time.

Incompatibilites
================

   * If HDEnv is installed, it can cause a drive to spin up again if
     you quit the GUI or hide it. This is caused by the triton GUI
     system which saves some parameters when closing a window. I
     recommend that you use HappyENV instead which is also available
     from Aminet.

   ---------- Footnotes ----------

   (1) untested the last weeks

1.9 HDOffGUI_34.guide/Author

```
Author
******
```

    If you want to contact the author, be it that you want to send money
(cash (only bills), eurocheques and German "Verrechnungsschecks"
accepted), bug reports, inquiries, enhancement requests, whatsoever(1),
here is the address:

    Matthias Andree
    Stormstraße 14
    58099 Hagen
    Federal Republic of Germany

    Do not expect replies unless you provide me with a self-addressed,
stamped envelope (for Germany) or an International Reply Coupon. E-Mail
is the preferred way of contact, but if you send letters/postcards
stating your E-Mail address, this will be fine, too.

    E-Mail (use either one, but not two or more at the same time):
    HDOffGUI@emma.line.org
    m_andree@line.org
    mandree@sx1.hrz.uni-dortmund.de

    If you are using E-Mail, may I ask you to use PGP if you have
installed it. Say 'PGP -ka HDOffGUI_34.guide' to extract the PGP key
and add it to your key ring.

```
Type Bits/KeyID    Date        User ID
pub  1024/26BF5CA9 1996/01/18 Matthias Andree <M_Andree@tribal.line.org>
            m_andree@tribal.anubis.sub.de: obsolete.
            Matthias Andree <M_Andree@emma.line.org>
            Matthias Andree <M_Andree@line.org>
            Matthias Andree <mandree@sx1.hrz.uni-dortmund.de>
```

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.3ia
Comment: PGP v2.6.3ia, Amiga version. Protect your privacy.

mQCNAjD+tkUAAAEEAM1ocq/XlauJ7ymbEODhTGeUcd7U54Uk9ra+tkfaEXuop8fh
wvhkijhfJXK9avo7/0624RqkF5GEqrAWkLBFrJYdtKOQOPS32vpim3Dv5nIByXuT
YUejG0tG/6Ho2+GXRJ1CVYdT95HdSN7iJ1tlx8A4gXM/Wu6xvydEoB0mv1ypAAUR
tCpNYXR0aGlhcyBBbmRyZWUgPE1fQW5kcmVlQHRyaWJhbC5saW5lLm9yZz6JARUD
BRAzUAfgMDLSMfjGzaEBAaaSB/4vIb5xJG0bd5Kr6EMfFbNqx0o0O4XzvW1nyFKg
PByvBRBByohDK4AsJxGOwNdI6NZTxZvoHirGGwL0p98ymMMAm5PFjN83e2veoSRJ
gGQufSE3gXtHIFBiO/5wrq/vTcp02F6w20D23SdKWqzgrO96naZl5whjx1bnBjDS
5q5byj3qadqb442mmtI28CLRVVFP9Jzldy1GCE6OSWElfVV/ERWesdmJo34UI7Nx
t55s61MnA5uwL7R1zfRBEtWE32lpvJ3wlgbMzhvpqCy2jaOmpzuOgtAwDy0XPzYr
KrI6s5dPYxPIil9AtIWieLQ6hfJuPqKY+CJxgxFXEgup2u7viQBVAwUQMxBKqUek
bAQjCIb1AQEP0AH+LMJiGs3m+VZP5HfaqRvC+R300VvXBuMcJt1bqtx9DMYVcKfM
wTv8kI5gdgqXSXkxYhRS+8pAzW70tiMRM4GgYYkAVQIFEDF3n/rVTgX1A5xsPQEB
eP4B/0Kjus8Kg+JqfbUlaF1jWcsSRgccJRPx6TMhPb72YtpNzmE1mBtQEJBsvP5Vp
MT8J55/GA/8Szkp9lps2YpPNeT2JAJUDBRAxT700kXz5g7g9IlEBAfXfA/4wc3Fv
aNp1mSZ7WdkRmx3F3SFC/iDqZrwAk49v9bP/IAA6un0M8zf+8104nMOWqI2Kl6JP
28zyUHRaFWAs48FFzxSWEVZg2q4NmXsSUGevL8H0wIfqfB2bsiw/BLrjEQZoupTc

sEVKK+E5On6S/86IdTuiHFC9MQB+ePSnNOezbokAlQIFEDFQCA8wbkoh0QCadQEB
rPgD/0SpBcmXHGiSNBZN9+KzvzDSlMkFPrmpkkl1+pior/kihKsn4ZTfFyAiS+sk
kz4juMaOlsATqWHeAkqCjo15Fk0fKuXF4j0h6u5FZKXv8W2F0Iz8SyoZWoYpbEjN
KweHXPLBeJ2Q7SIKzfqa5+xkbJ5JNfCOGJo6w8470/S9nSaDiQCVAwUQMUsGXjeH
gStcd7BNAQEM4gQAwN+y8wC8B298K8qsn071JNLFwo+HH8mutvUhGJYVVA9Ga+r0
eNpsiZvl+TmyDpsfkwPvrRO6s8/wgjQ75YeMGYk9Vf3Xy3Q9UfrNKoURc58IOrpZ
gg+GUf3RjOfN8FJc0cs7uLlqoyZkLjYKdxeGH/B9k65b0Vg4pOMzokUnMUWJAJUD
BRAxISOIJ0SgHSa/XKkBAS3fA/47lb9+lpBVOh01Yx5OpPuNZ3zhPmuJQw2P+/6+
Iha1gIlxdfGRG7Z4x3i3H44Z5/0TUhb4I8ECd1zBzWNoqqhrTNRt8wtYxY+Gy/7Q
dVwIF0puu7ZNGAVfIWjSiwS5eF95CZOIW1ESL/Pk4j57xLBjbtMHgiRo+X97szcU
gx25PbQobV9hbmRyZWVAdHJpYmFsLmFudWJpcy5zdWIuZGU6IG9ic29sZXRlLokA
lQMFEDKl9gEnRKAdJr9cqQEBCJIEAMAiREH/r1eyqjt31TS7qYOnGGeEQP0v5Spc
0/CYH9luNm3VSqgujqXKusOI80emkOfDgR9h2HhogDLJy9T6jeOhJvAAfxMYT1hk
ItYrmfzV5LI+i6VE7VnBwRurkhuPQ473+Yz7Lwg3oMWXodzxbipt3+OTU8wIzPGZ
9a0bmy8TtChNYXR0aGlhcyBBbmRyZWUgPE1fQW5kcmVlQGVtbEubGluZS5vb6mc+
iQEVAwUQM1AMcDAy0jH4xs2hAQHgwwgAmLeJiY1KwmgOsqnVfw3T2S+08pGdgfJK
hHzdyHIl6yPv0d+BlXOa0lC0sGm51WJOWqfVEZcUxOJTJoVfE0wdKggjWix5KEP5
1JlE0WecapQFvgKCMALmz9+rL3kpOS5xTBSlvMqhTANvDEu2xV37L66NLmGZXz4f
BO6oI60GkCIiEWv74v2WoAg6ZHmsmZNtHP4nr2qYonIdgBFHGKjurQY5AqKskz7t
erxZxaz5tvbkPIv2wViCaP+UptP09fE0h5uBnqoQliadIbhMIp46PkfhkkZKjC17
I+uY1KsfzCQCKV3re7SD2Ss/7iqlwAVgHFuvDvhM6y/dsMeMvEkE14kAlQMFEDIg
tcwnRKAdJr9cqQEBfDoD/3EAnybbSAfqwKiwmcC6YqfBbK3545/UkGN7G6QqwLzy
Gw3AVmKFAYJqCmDCDaCss3IBmn4+IqgKsvd+kSjd81gbRgSbtDPTsWoSq9rsyAVF
q5oSvUcixn6JbJVv0yYBD5kj7Avd47UUubGaiB/438ZN+uNKsjqw5ddixFuUm+RC
tCNNYXR0aGlhcyBBbmRyZWUgPE1fQW5kcmVlQGxpbmUub3JnPokBFQMFEDNQDDkw
MtIx+MbNoQEBlxkH/AjRvjzaD7+pQUkmAlvbvJUjDH7wjJf6aVySdvoNGBdWQWtc
0aDzutbLjAMhvm851Q6a5Urr1CFjW5zDuD9VcdBXZT/QX+VjLfSD0yDQL8Q3ltiH
RfZRpISzlZ5SshtAJNjXLd7DeYhKXbmh7mso2pl77qZlym+prZtt5bnbSpnn12Yx
BOuX6iT3GdDDDd+5IELfx2NqKfT+39+ae0Sk4xEYnIfBsh9a67ER6hIyxIs0iKZQ
Z08IOAsjAN7zyjdn6w6Xr3vTL3Yf/nQe6CGLQaWs81WJNhHLb7crDSYk8lj2VXM1
L9r1eMdBFI8hrwax45QYn9IqbExDeO5Wa8kR+TGJAJUDBRAxqhoHJ0SgHSa/XKkB
AT6vA/9puMLSxpYhhoi/eraQDeNKOYqIcvoSyJmasRTq68Np7fHziNb9wpQlmj9q
bbH6hT2s9ULlrqvvrgSh+yuPlAqtWxrizd+IfS5CWcp6P/1+9iULmQciVvcH9Xb0
3poFo/+1QL0QSmryKFgytF0bncXiQP5ubD58BmErXPMu1Dd7rLQxTWF0dGhpYXMg
QW5kcmVlIDXtYW5kcmVlQHN4MS5ocnoudW5pLWRvcnRtdW5kLmRlPokBFQMFEDNQ
DGEwMtIx+MbNoQEBOx4H/1xTB9i6KvC/hsVJpAh/rPFV7wp+8clAeNanUNhgHGgQ
PffSYTVO/iq57azRUvDHsUCpBDEAOOpqxcxwEDXxdZw+scf22SVTLfO4eCZeMgfc
Id5+MPqoEv7GY6yvwaDyutBcVgSJK/7gAxW81g0ryq6RlJe4mdRc5Q5wCU29Ttl8
6ByGe7VA5s1cLREM9iK4013bzzOIh5++l9SWyK1QocvsPTmd+COPhF1RO4w4bBzT
kojiGbHLgP9jKhOYHPnic2a4wrgkCpx3aD+LN4rydyGhE0bghj8Vi4Qi+TVC71na
TfWKb7t2MHhbs+jvhG/g4c2hzzTPvoVbiPmsRASJ0TeJAJUDBRAxTbXeyyblyxsJ
7tEBARq2A/9/klafjWUshrTtXsERG/2tCBB2w2j3uv/aJQo9475EqtFkqZH6lK+U
pENKtVrilwkz7X0zeBbC5LsO9qKLHyD8UP2CHnm1/A46s082HecNnj/uKibBCKr2
5l1fC9A1E2Fy4Ax9NQ6BPQx4zAJUNHBM0GaVZQlbCqjz0NQH3hVoYokAlQMFEDEW
R+onRKAdJr9cqQEBFlIEAMyLzTDNmiRfxOv/6s26xndDvWQgdsbCnCX/3TDR3PF/
JO5XwstpihsrC0bhh1QdzNhrEeaR9Pwhtc3VeKlyXrxf0ilaMfBEV/mSo1Ju8SRg
vc3pZ7ZU5G1RM4njOlnUxmYsN46GjQaCOTjiBJUfVi8lpLZNTcBSEvMV8IarZS17
=QuOC
-----END PGP PUBLIC KEY BLOCK-----

    Before you send bug reports, make sure you have read and understood
this document entirely. It may cover certain aspects you have missed so
far and solve your problem, thus eliminating the need to contact the
author.

    If you send bug reports, do state program and triton version, maybe
include Segtracker, TNT or Enforcer information, your hardware

configuration, what tools, patches and hacks you are using.

    ---------- Footnotes ----------

    (1) do not send mail bombs :-)

1.10 HDOffGUI_34.guide/Credits

Credit where Credit is due.
****

    Friends

Marc-Oliver Bönig
     When's the next BBQ party?

Ingo 'Inge' Dahm
     Good friend. Has not got much time, but if he has, it's fun.

Heiko 'Ewald Zappenduster' Damerau
     Entertainment in the 'numerical mathematics for physicists and
     engineers' lectures. Also called ,,der Funker".

Andreas 'Daffy' Dzierma
     Never let him know what his nick name is. Kellerkind. Goes 150
     km/h with a 54 HP Golf II 1.6 Diesel.

Frank Egger
     Mails, IRC, parties. Beta testing.

Simon Ferber
     I owe you a pizza still.

Stefan Forelle
     #AmIRC, Tribal

Tini Garske
     "Go to sleep? It's dawning, let's go outside and watch the sun
     rise." (4 a. m. at parties.)

Senta Kallenbach
     Is Scandinavia gonna get us some time?

Peter 'PIK' Kasel
     Many amazing Titan and Siedler games.

Kaz a. k. a. Thomas 'Tiger-Tom' Kedzior
     ,,Heute ziehen wir uns richtig einen." - Good ride to Texel.
     Thanks.

Marcus 'Käpt'n' Kruse
     For being a good friend.

Barbara Kussel

Short but nice talk.

Steffi Möller
    We've never played Titan, have we? Let's do so.

Robert Nöker
    Weird statements, always fun.

Torsten Ohm
    Wanna borrow some CD's? Ask him... Kellerkind.

Daniel Reymann
    total eclipse of the sun, moon; kiting, telescopes, photography.
    Kellerkind. ,,Das hackt." LASER fun-atic.

Heike 'Heinz' Schenk
    Kukuck!

Matthias 'Schmaußbär' Schmauß
    seeing the midnight sun in Bodø, Norway

Nicholas 'Yagger' Stallard
    many IRC chats

Gordon 'Jeppe' Storkmann
    Keep repulsing!

Andre 'Bimbam' Tselekidis
    He knows every card game.

Frauke Weiper
    Sorry that I did come to hike this year. Maybe some other time.

Silke Wietz
    dancing(1), kiting(2), pictures & slides, nice tea afternoons &
    nights, being a very good friend(3), ... and hey, the tea is
    waiting. Also called ,,Laufender Meter".

Ina Wohlgemuth
    Don't forget your gear.

   Other Credits (Contributors, Supporters, ...)

Ralph Babel
    The Amiga Guru Book (indispensable)

Olaf 'Olsen' Barthel
    Amiga Developer CD, Term

Dietmar Eilert
    GoldEd

Ralf 'Snoopy' Imhäuser
    Tribal BBS, support

Volker Remuß
Torsten Spicker

      Tribal BBS, special support

Reinhard Spisser
      MakeInfo

Volker Stolz
      MicroDot tools/FAQ, support

Johnny Teveßen
      support, AnUUCP, Tribal BBS

Sebastiano Vigna
      MakeInfo

Oliver Wagner
      "OlliWare crashes best."[TM]

Gideon Zenz
      HDOff, the idea for HDOffGUI, beta testing

   ---------- Footnotes ----------

   (1) You did not guess it would turn out to be THAT good, did
you? You're addicted to it.

   (2) infects everybody, Daniel first, then me, then...

   (3) ,,Nein, das sage ich einfach nur so."

1.11   HDOffGUI_34.guide/Index

                Index
*****

                 Bugs
                                                Bugs

                 Configuring
                                            Using

                 Configuring, via tool types
                         Using

                 Copying
                                              Copying

                 CX_POPKEY
                                          Using

                 CX_POPUP
                                          Using

                 CX_PRIORITY