BurnIt

COLLABORATORS			

	TITLE : BurnIt		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY			

NUMBER	DATE	DESCRIPTION	NAME

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BurnIt

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                              BurnIt V2.60

              New in version 2.60


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          New hardware
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                  New or reworked CD-ROM/R drivers


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                  Bugkiller
               Bugs we've nailed to the wall. :-)
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1.2   Joilet Format

Starting with version 2.5 you can record CDs in Joliet mode. This
is a format used on Windoze98 systems.
To activate this function click on preferences icon and on the
ISO-Image entry.
Set the ISO preferences
in order to be able to use this format.

1.3   Cook Data

If you set the 'cook' data function for ISO images, your can to create
ISO Images with a blocksize of 2352. This blocksize is especially for
DAO-recording, don't set the cook option if you want to create a TAO
record.
The cook option is very usefull if you wish to record an DAO
mixed-mode CD.
Picture

The cook option needs a lot of cpu power. BurnIt auto detects if a ppc
processor is available and switches to ppc mode.
If you set the 'cook' data function for iso-images, your are able to
create ISO Images with a blocksize of 2352. This blocksize is
especially for DAO recording, don't set the cook function if you want
to create a TAO CD.
The cook function comes in handy if you wish to record an DAO
mixed-mode CD.
Picture

1.4   New Read Preferences (Read Adv)

Click on the Read Adv entry of the preferences listview. The following
options are available.

Force = If activated, BurnIt always handles read data as RAW or MPEG data.
        Useful if the file headers are messed up.
        If set to 'none' BurnIt asks what to do the auto detection isn't
        100% sure.

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Recover Retries = Determines  how  many times BurnIt tries to reread  data
                  if an error occurs.
                  If the set amount of retries is reached BurnIt  turns on
                  the recovering routines.


Ignore severe errors = Forces BurnIt to skip error correction after the set
                       amount of errors has been reached.
                       Can speed up reading CDs with a lot of errors.


Mpeg tempfile path = Sets the path to the temp file(s).  This is needed for
                     smaller systems in order to be able to write MPEG data.
                     The MP3 data is cached to the set path.
                     Click on the question mark to browse for the path.


CAUTION: Make sure you have enough free space on the set hard drive.



Use CDDBFilenames
    if this checkbox is checked the filename of the CDDB will be used.
    The number of characters are written in the field behind. A minimum of
    30 and maximum of 100 characters are used.(SmartFilesysetem for example
    can use more than 30 characters for filenames)

CDDB Filename format
    enter here some shortcuts for generating the filename when you read
    the data from CD.



        %1  =  Interpret
    %2  =  Titel of Album
       %3  =  Tracknumber
       %4  =  Titel of Track
        %5  =  DiscID
        %6  =  Tracktype


    Examples :

      Interpret   : Sesamstrasse
      Titel of Album  : Die schönsten Lieder
      Track  6    : Mah Na Mah Na
      Track 10    : Ich mag Müll
      DiscID      : 08154711
      Tracktype   : WAVE


    %1.%3

    Result --> Sesamstrasse.10

    %4_%3.%6

    Result --> Mah_Na_Mah_Na_06.wave

    %1/%4_%5

    Result --> Die_schönsten_Lieder/Ich_mag_Müll_08154711
```

1.5   Encode Operator

If you own the full version of the NcodeR MP3 encoder you can
use it as an operator in BurnIt.
 Go into the 'Demos' directory of the BurnIt CD.
                Open the   NcodeR directory   and click   on
                'Install-Encode' if you own the full version
                and 'Install-Demo' if you do not own the full
                version.
                The demo version will work fine too, but it's
                10x slower than the full version.

CAUTION : Only the ppc.library version is suppoted ATM. Do
          NOT install the WarpOS version.

The encode operator is only supported in the Audiostudio and
in the ReadCDD section.
Set the Audio save format to MPEG in the read preferences.

The following settings are available for the
MP3 operator:

Mode   = Stereo or J-Stereo (for Joint-Stereo). Use the
            J-Stereo mode for sample rates lower than
            128bit/s.

Original = Sets the original flag for a MP3 file.

Copyright = Sets the copyright flag for the MP3 file.

CRC   = Sets the CRC bit.
            Caution: This may result in lower audio quality.

Bitrate   = Sets the sample rate. The higher the better.
            Caution: the better the quality, the more cpu
            power is needed. Default is 128bit/s

1.6   New Write Prefs

The following new Write settings have been added:

Creat Gap: Creates a default gap and overrides the original
           gap length of the CD.
           This comes in handy if the source CD ROM can't read

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            gaps (during OTF writing).
            Useful for Yamaha MMC 200/400  writers.  If the gap
            contains data this is lost too.

Test CD  : Useful for systems with  low hard drive space which
            have to write OTF.
            The source  CD  is  checked   for   errors   before
            actually starting the writing process.
            Caution: If actived the CD is not  written  in  the
            first run.
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1.7   CD Text Functions

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Roll in the champagne! Something new on  the  Amiga  platform.
BurnIt is the first Amiga program which supports audio CD text
(read and write as long as the hardware supports it, e.g. TEAC
56/58s, Plextor 820, Plextor40TSI).
CD text is additional  information on the CD which includes CD
title, artist name and song title
Many new CDs contain CD text.

Show CD text data:
            Put the text CD  in  the  tray,  open the ReadCDD
            window and wait till BurnIt has scanned the CD.
            Double click on an entry to display the CD text.

DAO CD Text
            The DAO mode includes two new features for CD text.

            Gene. DiscID = BurnIt writes an ID  to  hard drive
                            for every scanned CD.
                            This can be used to download missing
                            CD text data from the internet.

            Scan CD-Text = BurnIt  scans  for CD text data and
                            saves  the information to your hard
                            drive.
            Of course you have to activate  these functions to
            be able to download data from the internet.

CD-Text preferences


Use CD-Text = Enables CD text.
               Caution: Don't use this if  your  writer  doesn't
                        support CD text.  Doing so may result in
                        writing errors!

Convert to uppercase  : All  CD  text  data  is   converted  to
                        uppercase.

Performer cyclegadget :

in performerfield: self explanary
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in performerfield and titlefield: The  artist  name   is   also
                                    displayed in the title field.

in title if perf. != CD-perf : Artist  is only displayed in the
                               title  field  if the CD title is
                               not the same as artist.
Clear performerfield : If  activated  no  information regarding
                       the  artist  is  displayed  in the title
                       field.


CD-Text via Internet
Is used to download CD text data from the a  huge  database  in
the internet.
Check  http://www.cddb.com for  more   information  about  the
database. Read the legal stuff before downloading anything!!!



Menu entry CDDB

    Scan CDDB = searches  for  alternitive CDDB  servers if the
                set one is not reachable ATM.

    Read CDDB = connects  to  the  server   and  downloads   all
                information for every scanned CD.
                If an entry already exists it is not downloaded
                again.

YOU HAVE TO HAVE A TCP/IP STACK (E.G. MIAMI, AMITCP) RUNNING TO
USE THESE FUNCTIONS.

Creating and changing the CD text data is only available before
writing a new CD.

The AUTOMATIC usage of CD text infos is as following:

1. Does 'CDText_DiscIDs' ID exist ? Yes --> then use
2. Does 'Read_DiscIDs'   ID exist ? Yes --> then use
3. Does 'FirstFileName.cdt' exist ? Yes --> then use
4. Asks for the filename
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1.8 CD Text Dat Bank

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If you choose "CDDB-Show" from BurnIT MainMenu. The CD-text data bank
opens Picture.
Here you can see a complete overview of all scaned Audio-CD's, sorted by
alphabeth.
You have also the choice to transfer the displayed data's to your
favourite texteditor by simply double click on one of the entries.
This is useful if you like to edit data's or print it out as a CD-Cover
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1.9 New hardware

The following new hardware is supported:

Mitsumi4801/02 DAO mode revisted

HP7200 and 7200i,

Ricoh7040A+S,

Teac56s + 58s,

Panasonic7502

Plextor40xTSI

Plextor8220 RW

Yamaha 8416

1.10 Bugs and other critters

-Fixed a bug in Audiostudio. Now it's possible to play
 samples <1s over AHI.

-Rework for Yamaha 4416 problem with Phase5 PPC SCSI

-Read TOC for Teac fixed.