CDWrite-Relabel

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COLLABORATORS			
	TITLE : CDWrite-Relabel		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY			
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CDWrite-Relabel

1.1 About CDWrite-Relabel

```
CDWrite-Relabel
```

This program replaces the volume kludge of CD-Write by renaming the original CD-ROM and passing the original volume name the the handler of CD-Write. So the assign of the volume kludge is no longer necessary and some programs won't have problems any longer. Some persons also say that it looks much better on Workbench, when CD-Write has the original volume name.

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1.2 Function

```
Function
```

This program relabels CD-ROMs using the ISO9660 standard by adding the prefix "CDR-". So CD-Write is able to use the original volume name of the CD-ROM while the original CD-ROM uses a different volume name.

This is done by pretending the original CD-ROM filesystem a different name of the CD-ROM. This name consists of the concaternation of "CDR-" and the original volume name. Sometimes it is necessary to cut a few characters at the end of the name. So CD-Write mostly will use the volume name "CDW-CDR-", plus the original name. When CDWrite-Relabel recognizes this name, it relabels the CD-Write volume using Relabel(), so the CD-Write volume will have the original volume name after that.

1.3 Requirements

Requirements

To use this program in a convenient way, you need CD-ROM filesystem, a
CD-ROM drive, a CD-ROM and of course CD-Write. The CD-ROM filesystem
should use trackdisk commands to access the CD-ROM, however, SCSI direct
commands probably will work, too. Other access methodes are not supported
at the moment and that's why you cannot use this program with CD-ROMs,
which are mounted over a network, for example.

1.4   When you don't need this program

When you don't need this program

In the following cases, there is no need for this program – but it does
not matter either:

– If the original name is not directly accessed by programs contained on
  the CD-ROM, you won't run into trouble without this program and so
  don't need this program. If the person who compiles a CD-ROM does a
  good job, the files will be relative to the current directory or
  relative to the root directory anyway. Otherwise it is for example
  difficult to install some drawers to harddisk by just copying them.

– CD-ROMs which contain only data but no Amiga programs won't run into
  trouble without this program, since such CD-ROMs normally don't need
  the name of the CD-ROM.

1.5   When is it useful to use this program

When is it useful to use this program

As you know CD-Write supports the so-called volume-kludge (see section
3.6 of your manual). Of course, this is a possibility to redirect CD-ROM
accesses to the volume of CD-Write. But this solution has at least one
ugly "feature":

Some programs which are not written in the best way – for example CED –
expand the pathname before loading a file. If you now want to load an
unchanged file (a file from the original CD-ROM), you have bad luck if
you are using CED and the volume-kludge, because if you enter for example

    Ed CD0:clickme.first

This will be expanded (if the name of the CD-ROM is "Meeting_Pearls_II")
to

    Ed Meeting_Pearls_II:clickme.first

since the volume name of "CD0:" is "Meeting_Pearls_II". But now the
volume kludge will redirect the access to the CD-Write volume, so you
will get the changed file rather than the original one, which is not what

you wanted.

Similar problems probably will happen with some other applications and
can cause strange effects which won't happen when you use
CDWrite-Relabel.

1.6 Syntax

Syntax

You should start this program once. The best time to do this is directly
after mounting all connected CD-ROM drives. You should not break this
program, although this is possible.

Syntax

```
  Activate: CDWrite-Relabel [<options>] <cd-rom-devices>: ...
  Change:   CDWrite-Relabel <options>
  Remove:   CDWrite-Relabel QUIT | EXIT
```


Options

```
  [NO]TRACKDISKPATCH - do (not) patch trackdisk commands
  [NO]SCSIPATCH      - do (not) patch SCSI direct commands
  [NO]AUTODISKCHANGE - do (not) send automatic diskchanges
  [NO]DEBUG          - debug output to the serial.device. (catch
                       it using sushi)
  RELABELDELAY <n>   - number of 1/50 seconds to wait until sending
                       the relabel command after recognizing the
                       CD-Write volume
  PRI <n>            - work using priority <n>
```


Default options

```
  TRACKDISKPATCH SCSIPATCH AUTODDISKCHANGE NODEBUG RELABELDELAY 100
```


Examples

```
  1> Run <NIL: >NIL: CDWrite-Relabel CD0:
```

```
  This command relabels CD0: and passes the original volume name along
  to CD-Write.
```


```
  1> Run <NIL: >NIL: CDWrite-Relabel CD0: CD1: CD2:
```

```
  This command relabels CD0:, CD1: and CD2: and passes the original
  volume names along to CD-Write.
```


```
  1> Run <NIL: >NIL: CDWrite-Relabel CD0: PRI 3
```

This command relabels CD0: and passes the original volume name along
to CD-Write. The program uses priority 3 to run.

    1> Run <NIL: >NIL: CDWrite-Relabel CD0: RELABELDELAY 50

This command relabels CD0: and passes the original volume name along
to CD-Write. This already happens after one second. Note: if you
choose too small values for RELABELDELAY, this can make Workbench
running into trouble.

    1> Run <NIL: >NIL: CDWrite-Relabel CD0: NOAUTODISKCHANGE

This command relabels CD0: but you have to manually cause a diskchange
afterwards.

    1> CDWrite-Relabel PRI 2

This command changes the task pri of a already started CDWrite-Relabel
to 2.

    1> CDWrite-Relabel QUIT

This quits CDWrite-Relabels. If you prefer sending ^C, this is no
problem either.

1.7 Copyright

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