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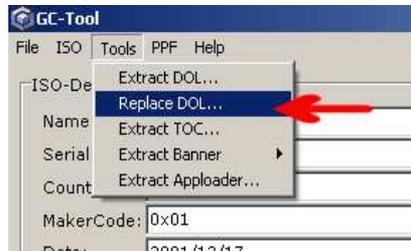
Presents:

GC-Tool
Version 1.20 beta

<u>Replace Data in ISO</u>

GC-Tool is able to replace data in a GC-ISO image. It is able to replace user-data (normal files) aswell as the DOL file (which isn't visible in the TreeView). To replace a DOL-File choose:

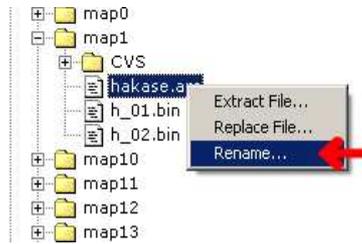Please note that the new DOL-File cannot exceed the size of the original DOL-File.

To replace other files go to the TreeView window and press left mousebutton. A then choose "Replace File..." in the popup-window:

After replacing a requester will ask you if you also want to change the appropriate filesizeentry in the TOC to the new filesize. If you choose NO the new file will be padded (filled with 0x00) to fit the original filesize in the ISO. So choose this if you don't know what the heck a TOC entry is or what consequences it will have.
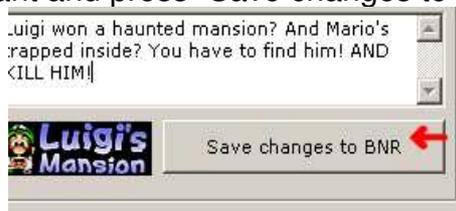
## Rename files/dirs in ISO

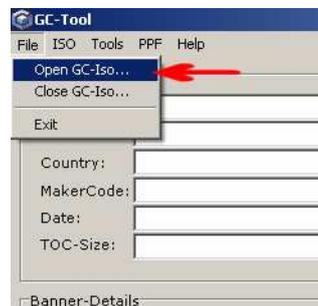Go to the treeview and press right mousebutton. Choose "Rename..."



## Update Bannertexts in ISO

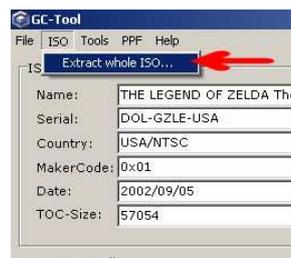Edit the bannertext you want and press "Save changes to BNR". Done.
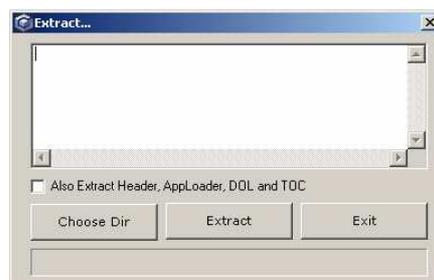
Extract Data off ISOs:

Open a GC-Iso:

Then you will see the ISO details and a message in the statusfield that the iso is now available.

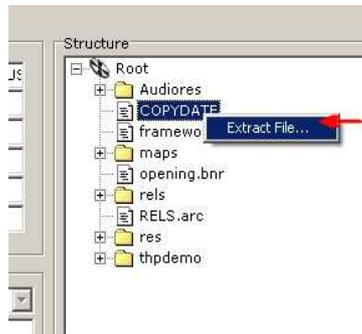If you want to extract the whole ISO please choose the following command at the menubar:

This will show another window:

Now please choose a directory where the extraction should take place by pressing the "Choose Dir" button. Please note that the programm will create a directory called "root" in the choosen directory. For instance if you choose "D:\" as extraction dir all files will go into "D:\root\".

If you also want to extract systemfiles (like the DOL-file, the TOC etc..) just click on the checkbox "Also Extract Header, AppLoader, DOL and TOC". These files will be stored in a seperate dir called "<Your choosen Dir>\root\&&SystemData". So you can easily determine them.

If you want to extract single files please click right on the appropriate file(s) in the "Structure" Window. Then select "Extract File..." from the Popupwindow:



Note: you cannot extract single directories yet.. hehe sorry (beta rules!) ;-)

<u>ISO-Wipe:</u>

An original GC-ISO has random garbage between files and between TOC-End and DATA-Start. The ISO-Wipe function of GC-Tool is able to "wipe" this areas. But what the hell is the point of this? -> By wiping the ISO this random garbage, which is the death for successful compression of the GC-ISO (e.g. RAR'ing), will be overwritten with 0x00. After wiping you can achieve much more powerful compression rates and save the bandwidth for all of us ;-)
Examples:

RARed size of the Luigis Mansion release without wiping: 1,3GB
RARed size of the Luigis Mansion release **after** wiping: approx. 193 MB (!)

RARed size of the Zelda release without wiping: 1,1GB
RARed size of the Zelda release **after** wiping: approx. 700 MB

Okay to wipe an ISO just open it as usual and then choose the following:



This will start the wipe-process. That's it.

Note: At this current point of time we dont know if it is important to leave that garbage in the ISO (maybe Nintendo makes checksum checks etc..) but this is **very unlikely**, if you ask me. So just a note.. consider that.

## HISTORY:

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|---|---|
| 06/20/2003: | Version 1.20 BETA<br><br>New: Now you can edit the bannertexts in ISOs. Also PAL BNR2 banners are supported (=multilanguage banners).<br><br>New: Replace now also: AppLoader.<br><br>New: Zweifeld told me that i should add appropriate extensions to filenames when extracting (.dol, .toc, .bmp etc..) - Done. Thx Zweier!<br><br>New: You can now rename files/dirs in iso.<br><br>Bug: Rootlistbug again ;-) sorry,sorry,sorry. Now this is 100% fixed. This bug did not affect the functionality of the tool just showed ugly garbage in the structure treeview!<br><br>Note: annnnnnnnnnnd.. still **beta! :-)** |
| 06/18/2003: | Version 1.10 BETA<br>New: You can now save the Bannericon also as Windows Bitmap.<br><br>New: Added function ISO-Wiping.<br><br>New: Improved RGB5A3 handling of BNR files. Thanks alot **Loser** for this one! You rock (as always).<br><br>New: Added function to replace DOL and other files in ISO.<br><br>Bug: Removed ugly Rootlist bug.. Shit happens :-(<br><br>Bug: Removed an idiot bug (heh): now shows all different languages of a BNR file if image is PAL.<br><br>Note: Still **beta!** |
| 06/17/2003: | Version 1.00 BETA<br>Initial Release<br><br>Beware(!), it's BETA so it's still buggy. Please also note that images made by DATEL (Actionreplay/Freeloader) are a little bit hacky. My tool handles only original ISOs correctly. |