(c) Rémy Dodin - V2.12.6

A GUI to RSJ command line mode

WELLCOME TO GUI CDRWSEL

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P1/ Prerequisits :

Great RSJ V4 or higher from (http://www.rsj.de)
(probably it works with V3 too but I didn't test it)

REXXUTIL (standard OS/2 - eCS DLLs)
> I strongly recommend the use of **DANI's** drivers

Kill.exe from http://hobbes.nmsu.edu

RAMFS drive can be used for temporary file "SET TMP=" under config.sys
(If you would like use it, download it from hobbes "RAMFS110")

P2/ CDRWSEL installation :

Run INSCDRW.cmd to create object on the desktop
(It should be run from install directory - it seems that under several system, it could be run
from other directory but it wasn't writed in this way)

Run INSCDRW1 if you are under eCS1.x

P3/ CDRWSEL Start parameters :

```
CDRWSEL -i -s cpuspeed -u
```

Each parameter is positionnal and can not be substitued by others
to ignore one parameter, specify any value except the right one
(**This restriction is removed since CDRWSEL 2.12.5**)

-i   - Use values from INI file (default)
                  (any caracters other "-i" or " " disables this function
-s or -q   (-s)   - Activate Speed selection or (-q) use quiet mode
                  (-s) the parameter can be overwrited by INI file
cpuspeed   - Any number from 1 to 9999 (2000 give good result)
                  (it will decrease SPINBUTTON speed)
-u or -t   (-u)   - Use only Upper case caracters into help viewer
                  (-t) enable task list option.

Exemple:

```
CDRWSEL -i -q 2000 -t
         !  !   !    !
         !  !   !   +-> Enable in "task list" option
         !  !   +-----> Cpu speed
         !  +--------> Use quiet mode
         +-----------> Use ini file


CDRWSEL /i /q 2000 /t (This syntax is correct too)
```

Note:
When the program is first run and the cdrwsel.dat file doesn't exist, the New Drive List is run
after answer to missing file message. Respond "save" to the first opened window before
changing or updating drive list

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1 / Main Appl Window :

 Appl Window style is selected through define ini parameters

V1 Window:

RSJ "drives" - Title may change according to language selection   [CONTAINER]
                     Enter or click 2x on the drive to change from [Free to Attached],
                     [Attached to finalize], start [CD_view] (see mode) ot [restore].
                     Green=Free, **Yellow**=Running, **Red**=Attached, **Black**=Error, **Blue**=CDView
mode   - Change from "Attach" to "View" or reverse   [PUSHBUTTON]
Sessions   - Select the number of existing sessions to skip   [SPINBUTTON]
                     0 (default) or 1 to a max (cdrsel) 15
Settings   - Access to define drive list dialog   [PUSHBUTTON]
Status   - Gives the result of chkdsk /v of [?:\]   [PUSHBUTTON]
                     (available space on cd - number of sessions...)
Run   - Run personnal program   [PUSHBUTTON]
Help   - Direct Help access   [PUSHBUTTON]

Note ; This window support Color and Font drag and drop (a few limitations only)

Bar:

X   - Exit program   [PUSHBUTTON]
S   - same as Primary menu   [PUSHBUTTON]
i   - same as primary menu   [PUSHBUTTON]
A   - CD_Attach   [PUSHBUTTON]
V   - CD_View   [PUSHBUTTON]
F   - Direct access to finalize options   [PUSHBUTTON]
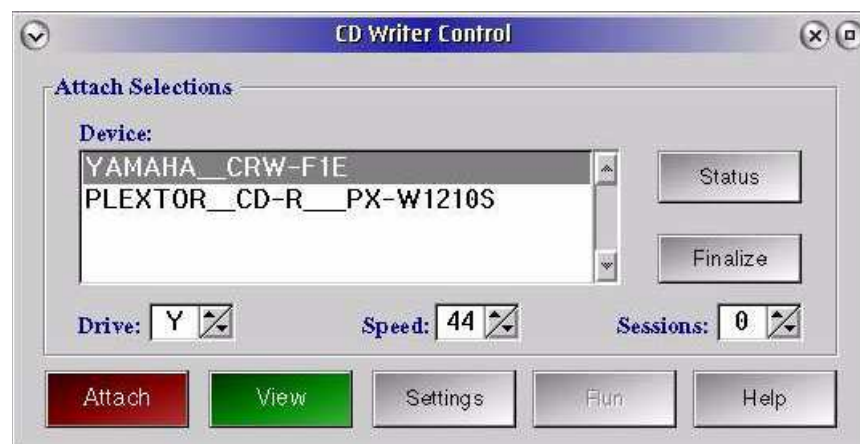R   - Run personnal program   [PUSHBUTTON]
H   - Direct Help access   [PUSHBUTTON]

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Window:

CD:	- this field is empty at first run time	[SPINBUTTON]
Drive:	- Drive letter to be used with the attached CDRW	[SPINBUTTON]
Sessions:	- Select the number of existing sessions to skip	[SPINBUTTON]
Attach	- Perform cdattach using previous parameters	[PUSHBUTTON]
View	- Start CDView using CDR/W parameters	[PUSHBUTTON]
Finalize	- Direct access to finalize options	[PUSHBUTTON]
Status	- Information on CD	[PUSHBUTTON]
Settings	- Access to define drive list dialog	[PUSHBUTTON]
Run	- Run personnal program	[PUSHBUTTON]
Help	- Direct help access	[PUSHBUTTON]

J Window:

CD:	- this field is empty at first run time	[SPINBUTTON]
Drive:	- Drive letter to be used with the attached CDRW	[SPINBUTTON]
Sessions:	- Select the number of existing sessions to skip	[SPINBUTTON]
Attach	- Perform cdattach using previous parameters	[PUSHBUTTON]
View	- Start CDView using CDR/W parameters	[PUSHBUTTON]
Finalize	- Direct access to finalize options	[PUSHBUTTON]
Status	- Information on CD	[PUSHBUTTON]
Settings	- Access to define drive list dialog	[PUSHBUTTON]
Run	- Run personnal program	[PUSHBUTTON]
Help	- Direct help access	[PUSHBUTTON]
Speed	- Change current speed stting only	[PUSHBUTTON]

2 / Customization/Settings :

Drives — All defined drives [LISTBOX]
  1/ Click 1 time to change DRIVE name (entry fields)
  2/ Click 2 times to delete unwanted DRIVE from list
  3/ Entry manually a new drive into entry fields

  Note:
  You'll be prompted to save the new drive list at CDRWSEL close.
  Value of CTL + ID is checked to determine if the input is a new entry or
  should overwrite the selected drive.

Drive name — A generic name for the drive to use
ctl — Adapter number (could be found under Hadware Manager)
id — Drive position (IDE) or SCSI ID
Speed — Change current drive speed and new default for next use
  [x] click on check box to force use of speed parameter
ok — Validate new added drive
Drive — Assign a drive letter to a device (option enabled with "V1 Window" style)

<u>Setup</u>   - Access to
- ➢ Initialize (Customizable INI file)
- ➢ Recorder
- ➢ View (ini)
- ➢ Task list (with pam '-t')
- ➢ Run RSJ Daemon
- ➢ SCSI on second PCI_bus (Mother board dependant)
- ➢ Single burner (Usable if less than 2 drives in list)
     (Use this option when only 1 physical burner is installed and
     normal attach doesn't work)
- ➢ Drive list
     1) Refresh (drive list with drive names found)
     2) Refresh (* deep scan - generic name used)
        (* will check each adapter position)
- ➢ Exit

* (deep scan) - Does an auto detection of elligible CDRW for RSJ
        (scan ctl 0 -> 1 and id 0 -> 15 *whitout INI file*)
      It clears existing list and adds new detected DRIVES
        1/ CDRWxy (Drive is ready ctl=x, id=y)
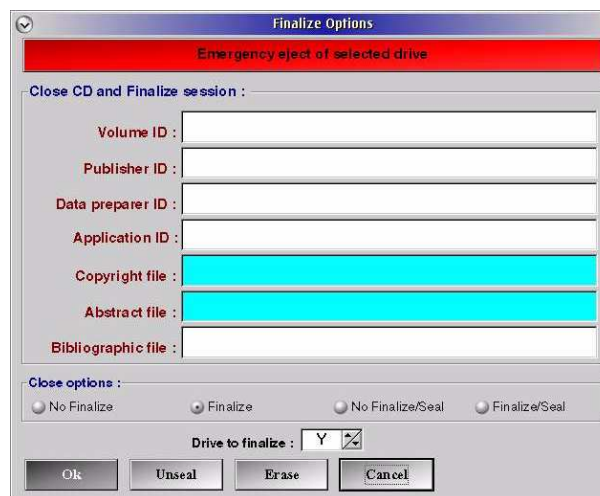   2/ CDR?xy (Drive not ready flag received ex: no CD in the burner)
        3/ CDR*xy (Drive in use. Z: is already in use)

<u>HELP</u>   - Access to
- ➢ How to   : Read file cdrwsel.doc
- ➢ ?   : My tool version.release.modification

Note : If drive list has changed without save, you'll be promted to save it at exit
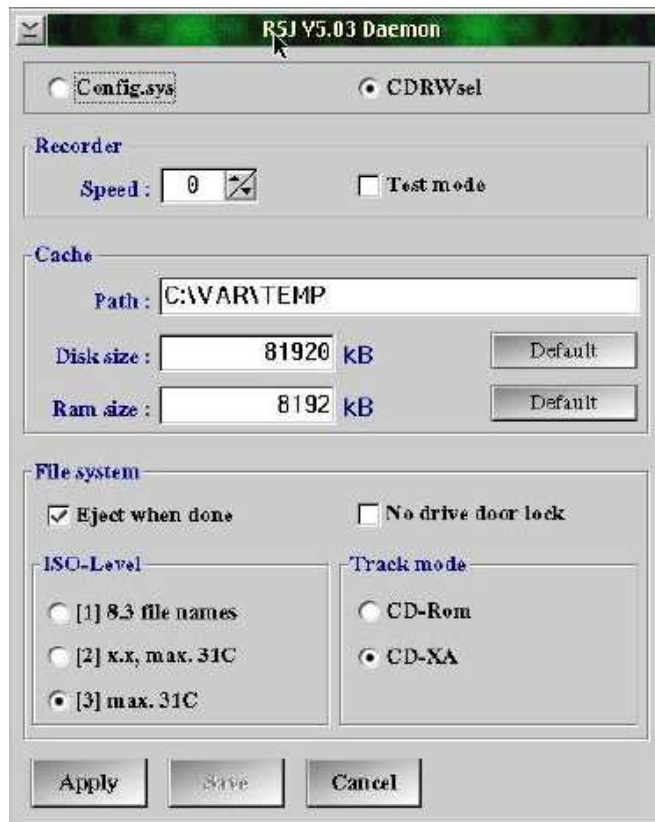
3 / How to finalize ?

Click on Finalize button from app Windows followed by :

 a/ No finalize = Close CD only
 b/ Finalize   = Close CD and finalize
 c/ No Finalize/Seal = Close / Seal CD
 d/ Finalize/Seal = Close and Finalize / seal CD
 e/ Emergency eject = Flush buffers and eject the CD
 f/ Add complementary comments (only validated with b/ and c/)
  ex: Copyright, Author ...
 g/ Unseal (remove seal protection if Cd was writen by RSJ
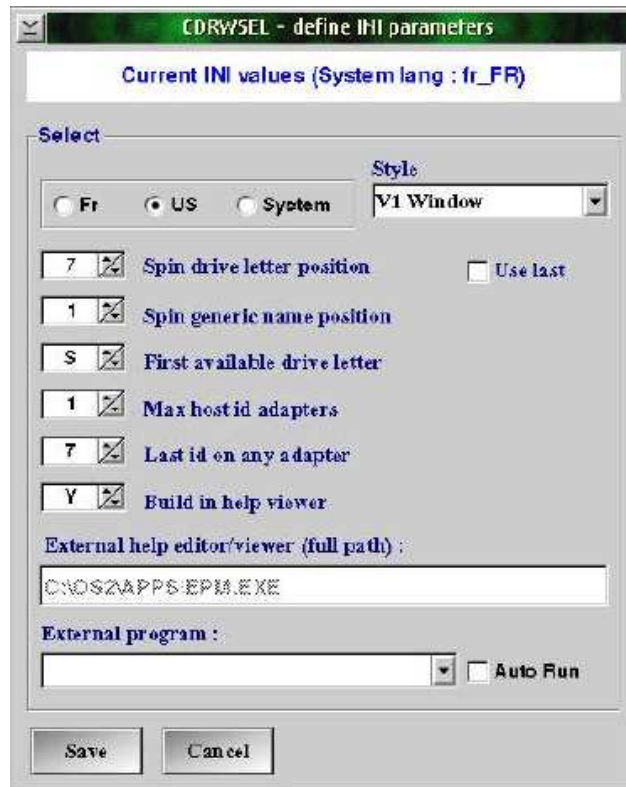 h/ Erase RW media only

4 / Recorder:

*The RSJ version is displaied in the window title.

 - config.sys (select this option if you want change default CDWFSD from
      config.sys. Changes are taken at next reboot)
 - CDRWSel (select this option to load/change CDWFSD parameters for
      all new attach process - Detach all drives before using
      dynamic CDWFSD replacement)
 - Other options are same as under RSJ CD Writer control

5 / Customizable INI file :

Language selection :
> ➤   Select your language FR / US / SYSTEM (set_lang= from config.sys)

App Window style :
> ➤   Select your app style window from the drop down list

Spin drive letter position :
> ➤   Select the default drive letter to use for cdattach
> ➤   Use 1 for Z, 2 for Y, 3 for X and so on (don't use bellow range)

Spin generic name position:(*)
> ➤   Select the Drive name mostly used (= line number into the list)

(*) USE last :
> ➤   Click on this option to use values close values instead of previous defined values

First available drive letter :
> ➤   Define lowest drive letter available for Attach
> ➤   Range goes from Z to the letter you assign

Max Host id adapters :
> ➤   Specify highest available ctlid (example for 0 and 1 follow):
> ➤   0 - for the first IDE controler
> ➤   1 - for the second IDE controler

Last id on any adapter :
> ➢ Specify highest IDE / SCSI id available for auto-detection
> ➢ will save time at auto-detection time (1 is good for IDE)

Build in help viewer :
> ➢ Specify "Y" to use internal viewer "N" for any user preference

External help editor/viewer :
> ➢ only with previous option = "N"
> ➢ specify full program path to use ex: c:\os2\apps\epm.exe

External program :
> ➢ Drop down the list and click on -new- to create a new entry
> ➢ Click on an existing entry will ask you to delete it or not ?

Auto Run :
> ➢ Start the selected program at CDRWSEL startup

6 / Special attach message :

Attaching a non blank CD results in the following message where you can find number of sessions, data or audio CD and used space.

7 / Tips :

Starting CDRWSEL without RSJ installed: add "SET CDRWSEL_BP=CDWFS.IFS"

RC20 during attach   :
Check that the ctl and id numbers are correct. Normal drive list refresh can have incorrect values depend of your harware configuration and drivers loading sequence under your config.sys. If it is the case, change max ctl number to a higher value and run refresh (deep scan) with a CD inserted into the drives. Ready burners have a genreric name starting with 'CDRW'. Use the found ctl.id to correct the normal refresh list

- If the drive was added under CDDRV.INF, check for correct syntax.
- To check RSJ attach command, issued under OS/2 window following command :
  cdattach z: -d CDR:x.y   (x= ctl_number , y=id_number - the dot can be changed to ',')
- If You only have one burner on your system, try to use 'Single burner' option under setup

Hardware Manager :
  a/ Open system setup folder (should be on the warp center)
  b/ Open Hardware Manager
    * You should know under which DMA_CTLR you attached your CDRW
     Main board manufacter recommendation is : 0 for disk 1 for others
    * Before your CDR, you'll find
     ATAPI_0 - Use 0 as id
     ATAPI_1 - Use 1 as id
    * For SCSI CDR (here is a exemple)
     CDROM_(3,0)
           | |
           | +---> lun = 0 (this isn't the Ctl value)
          +------> id = 3

Part of my config.sys file (changes only needed drives to worm drive)
BASEDEV=DANIATAPI.FLT /!SCSI
...
REM *** 2x HD - 1x DvD - 1x CDRW / UDMA enabled for all drives ***
BASEDEV=DANIS506.ADD /A:0 /U:0 /BM /U:1 /BM /A:1 /U:0 /BM /U:1 /BM
...
REM *** **S0=IDE_DvD** S1=IDE_CDRW **S2=SCSI_CDR** S3=SCSI_CDRW ***
BASEDEV=OS2ASPI.DMD /ALL   << If OS2ASPI is used, add /ALL
BASEDEV=LOCKCDR.FLT -S0 -S2   << Remove not used drivers
DEVICE=C:\CFS\RSJSCSI.SYS
IFS=C:\CFS\CDWFS.IFS
RUN=C:\CFS\CDWFSD.EXE -p "C:/CDWFS/disk_cache" -c49152 -b8192 -t2 -i3 -smax
...
  If CDRWSel attach or view is not working, try previous '**red**' recommendations first (was reported by user).

8 / Change log :

> Thanks to Alan Townsend (Canada), Erik and all "Anonymous" for they good suggestions and test resulting into improved CDRWSEL for all

* New V2.12.6
  1/ Corrected a drag/drop problem under "V1 Window".
  2/ "Mode" button accept drag and drop color now (click on the button each time you change button color.

* New V2.12.5
  1/ Corrected a bug found with temporary files on RAMFS drive (RAMFS110 used)
  2/ Corrected a minor problem which could appear at (deep scan) run
  3/ Parameters no more positionnal (ex: -i -s 2000 or 2000 -i -s or -s 2000 -i ...)
  4/ Parameters can be specified with a '-' or '/' ex: **-i** is same as **/i**
  5/ "V1 Window" Mode button has now a blue color for "CD_View" mode like the icon.

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* New V2.12.4
  1/ Removed available drive letter limitation (between range is made available)

* New V2.12.0 -> V2.12.3
  1/ Changed "V1 Window" to a new "V1 Window" which is simplified and
     "enter" on the selected drive is enough to attach or finalize the CD.....
  2/ Adapted setting window (new spin button : define drive letter to burner)
     * This option is enabled if "V1 Window" style is selected *
  3/ Corrected enable/disable speed button according speed used or not

* New V2.11.0
  1/ Attach button is made disable if the drive number is in use
  2/ Added 'Recorder' setup (enabled if 'Run RSJ daemon' set)
     . Allows to change CDWFSD Daemon parameters without reboot
     . Allows to change CDWFSD parameters under config.sys
  3/ Added 'Single burner' option used if only one burner exist on your system and normal
     'attach' doesn't work (ex: config problem)
  4/ Use of a kill thread program (from hobbes)
  5/ Changed INI and temp files location according eCS1.1 rules
     (add SET USER_INI= , SET TMP= into config.sys if missing)
     SET PROGRAMS= is used by INSCDRW2.CMD install program only

* New V2.10.1
  Forgot to activate the possibilty to add manually a new drive into the List (stupid error :( ).
  Now corrected (ctl + id are checked to determine if the entry field should replace the
selected drive or add it into the list)

* NEW V2.10.0 (Many changes, updated design...)
  1 / INI file is now a real INI file (binary)
  2 / DAT file is no more used (integrated into INI file)
  3 / At start, it suggest you to create the INI file. If an old DAT file exist, INI file will be
      updated with your drive list
  4 / At Attach time, Cd status is checked. A message requires an action if audio or data CD :
      a/ isn't empty
      b/ is sealed or was writen by other product like something starting with "easy Cd ...."
      c/ number of sessions on the CD is given
  5 / Unseal and CD erase options are now available
  6 / Defining INI parameters has changed
  7 / You can add under INI parameters an other program which can be lunched automatically
      at CDRWSEL start or through Run button.
      (check [enable] button for lunch at CDRWSEL start)
      ex: CDWCTL.EXE (cd "writer control program" from RSJ)
  8 / You can choice 4 kind of App Windows ('bar' the small one , 'Windows' .
      A new one, 'V1 window' the "original" design and the 'J window' which give the most
      available direct options access...
  9 / Added support for external language file

10/ Changed RSJ detection

11/ App Windows fonts can be changed

12/ App windows can be moved on the destop and position is saved

13/ Last drive used + drive letter can be saved at close time

14/ CDRWSEL can now start RSJ daemon for you

15/ Made several visual changes to have a better look

16/ Parameter -i is now the default

17/ New parameter can be specified at second position : -q for quiet

18/ New parameter can be specified at forth position : -t (Task list)

19/ Improved spin button slowdown

20/ Corrected bugs

 ...

* New under V2.0.1

> corrected a few error left under V2.0.0

  - Checking about installed RSJ could failed if config.sys exist under
    cmlib

  - Save of new drive list could fail

  - one more bug corrected

> Activated internal function to use French language

> changed a few comments under several windows

* New V2.0.0

> AUTO is replaced by New Drive List

> New Drive List is run at missing cdrwsel.dat file detection

> Program detects if RSJ is installed or not (CDWFSD.EXE)

> Corrected a stupid error under V1.6.0 (did an unwanted proc remove)

* For preview releases, read the cdrwsel.doc file

  ...

9 / Author comments :

Use it at your own risk (note: I have no problem under my system)

My responsability can not be engaged for any problem
No support is available but small improvement can be done
Was virus free (Norman scan) under my system on 11/07/2003 (MM/DD/YYYY)

YES , IT IS FREEWARE   :-)

(c) Remy Dodin

PS: I'm Scanning RSJ news site regulary !
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