

DCMini

CMD.exe/PowerShell/Explorer Commander for Windows

Version 1.0

Operating instructions

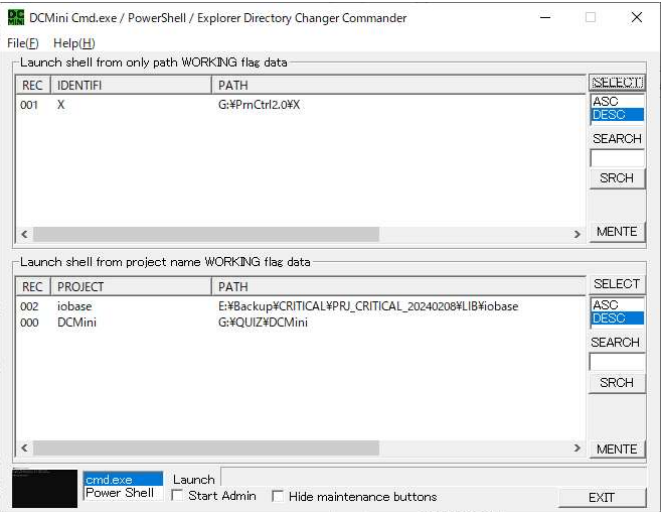


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1. About DCMini

1.1. DCMini history and overview

DCMini is a command launcher that launches CMD.exe / Power Shell / Explorer based on the specified path location of registered projects, etc. DC is an abbreviation for Dir Changer. We chose Mini because we had a full version that bundled version control for Visual Studio C++ projects for internal use, and we wanted to simplify it. The starting point of the tool was something like a side dish for internal use, but being able to run CMD.exe etc. at a specified path is a very useful feature, so we decided to release it as freeware. For example, when building or checking the execution of a programming language project such as Rust, Go, or Python, you can instantly launch CMD/PowerShell/Explorer with the target project path.

1.2. Simple operability

It is a tool that only launches CMD.exe / Power Shell / Explorer, so its operation is very simple and easy. The path registration holding DB is a standalone database with a DBQ file that is an x64 version of the binary ISAM DB. Since it has an internal DB engine, there is no need to set up data linkage such as SQL Server.

1.3. Compatible OS

Compatible with Windows 10 and Windows 11. Developed using Visual C++ x64 Win64 API. As a result, we have achieved a comfortable startup with little overhead. The memory used is also small, about 2MB at startup. When the process is started, the usage amount is about 12MB.

1.4. License free

License free. It is also available for free use for commercial development. Please use DCMini to help with programming environments, project management, starting the compiler at the location of the target project, etc.

1.5. Easy to use interface

DCMini displays path/Project data in ListView style. This creates an easy-to-use UI that is easy to see and scroll.

1.6. Supportive functions such as tooltips

We try to display tooltip strings as much as possible for each event button and input component. You can operate it intuitively without referring to the manual each time.

1.7. Option

Right-clicking the mouse on the main screen displays the "Option Settings" dialog in property format. Additionally, we support a minimum of optional functions such as closing without confirmation, stopping the display of tool tips, and operating in US English mode.

1.8. Other features

Ability to create new DBQ files. Please use this when data is corrupted or data is recreated.

2. Operating specifications

No.	Spec	Explanation
1	Memory requirements	Minimum 12MB
2	Compatible OS	Windows10 Pro, Windows11 Pro
3	Interface specifications	Dialog-based application
4	Executable file name	DCMini.exe
5	Build style	Windows x64 SDK style build Noshared MFCxx.DLL required
6	License	Freeware
7	ISAM engine	QZDB QUIZ LAB binary ISAM format

3. Copyright and license

The copyright is owned by QUIZ LAB LLC. It can be used by individuals and corporations without any restrictions. However, our company does not guarantee or guarantee any defects or disadvantages that may occur as a result of using this software. Usage decisions are left to the user.

4. About redistribution

Redistribution is prohibited. If you need a new version, please download it from our website or the vector website.

5. About bug fix and maintenance

If there are any bug reports, we will proactively respond. Maintenance will be carried out every two years, and an announcement regarding its continuation will be made at that time. I would appreciate it if you could give me your opinion on usability.

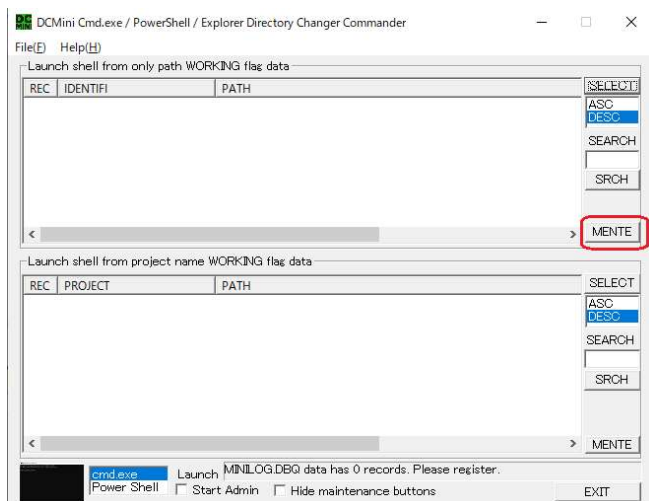
6. New data registration

To use DCMini, you need to register the path where you want to start CMD.exe PowerShell Explorer.

There are two ListViews on the main screen, the top one is for the destination path and the bottom one is for the project.

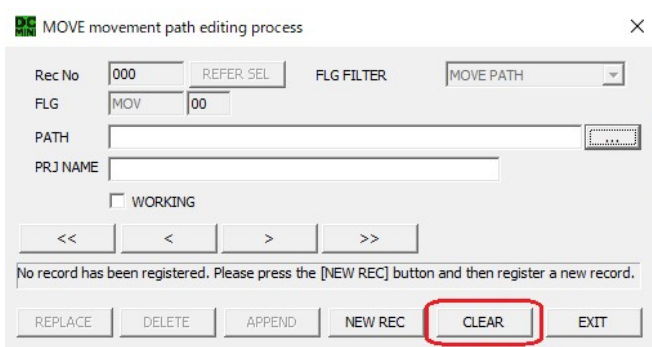
There is no problem in using the above for projects. It is divided into two parts for organization and classification.

For example, users are free to arrange the locations as they wish, such as registering temporary paths at the top and critical Rust paths currently under development at the bottom.



6.1. Register the Windows folder in the destination path

First, press the MENTE button circled in red to launch the "Master Maintenance Dialog".



Then press "Clear" to clear the input buffer

MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH:

PRJ NAME:

☐ WORKING

<< < > >>

After entering the required data, press the [APPEND] button to add new data.

REPLACE DELETE APPEND NEW REC CLEAR EXIT

Then press "NEW REC" to confirm the record number and enter other items

MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH:

PRJ NAME:

☐ WORKING

<< < > >>

After entering the required data, press the [APPEND] button to add new data.

REPLACE DELETE APPEND NEW REC CLEAR EXIT

Next, press “...” next to the PATH text box and select the folder where you want to start CMD.exe etc.

フォルダの参照

フォルダの選択

- Windows
 - addins
 - appcompat
 - apppatch
 - AppReadiness
 - assembly
 - bcasdrv
 - Boot
 - Branding
 - CbsTemp
 - ConfigSetRoot
 - Containers
 - CSC
 - Cursors
 - debug
 - diagnostics
 - DiagTrack
 - DigitalLocker

フォルダ(F): Windows

新しいフォルダの作成(Alt) OK キャンセル

Here select C:¥Windows and click "OK"

MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH: C:\Windows

PRJ NAME: Windows

☒ WORKING

<< < > >>

After entering the required data, press the [APPEND] button to add new data.

REPLACE DELETE **APPEND** NEW REC CLEAR EXIT

Next, C:\Windows is entered in PATH, Windows is entered in IDENTIFI, and the last element of the path is automatically extracted and set.

Also, be sure to check "Currently working", otherwise it will not be displayed in the main dialog at startup.

Conversely, if you are working and you don't need this data for the time being, you can uncheck it and it will not be displayed. No data will be deleted.

Currently working is a flag that is displayed in the main dialog. The IDENTIFI string is a free string for identification, so please change it as necessary.

Finally, press the "APPEND" button to complete the entry.

MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH: C:\Windows

PRJ NAME: Windows

☒ WORKING

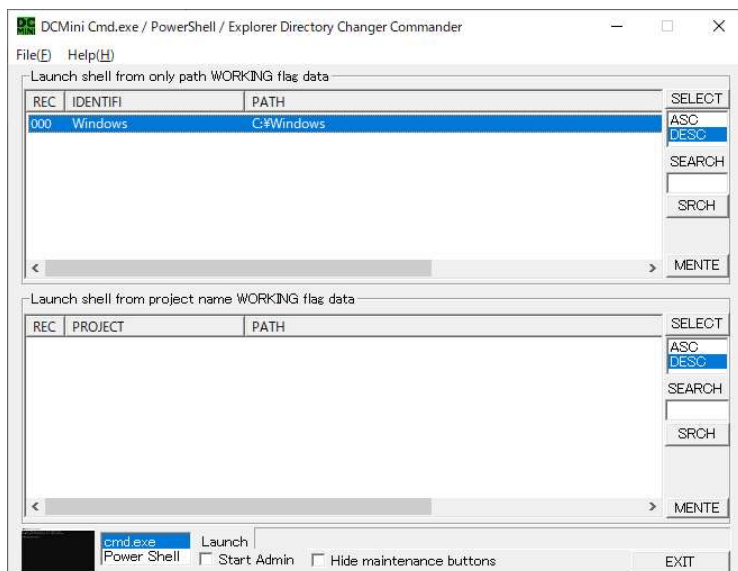
<< < > >>

Append process completed successfully.

REPLACE DELETE **APPEND** NEW REC CLEAR EXIT

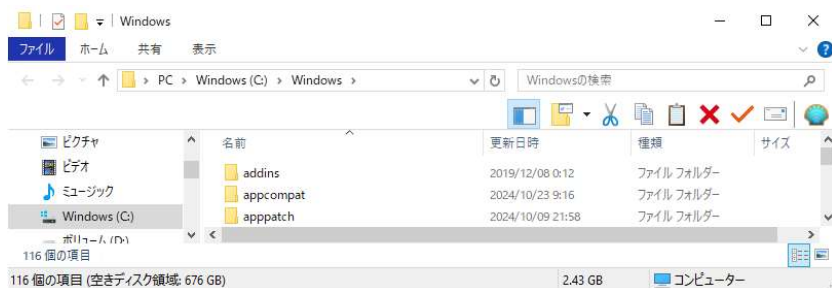
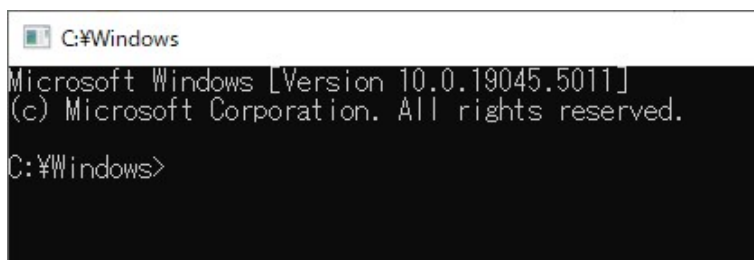
'Append process completed successfully.' appears in the message area.

"Exit" the master maintenance dialog.



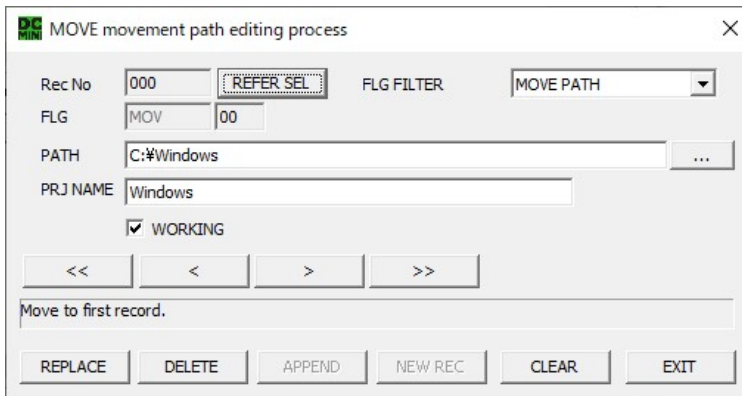
1 line before moving IDENTIFI Windows PATH Registered in C:¥Windows

Double-clicking the line highlighted in blue with the left mouse button will launch CMD.exe/PowerShell (Administrator mode option) in the C:¥Windows location. Double-clicking with the right mouse button will launch Explorer at the C:¥Windows location.



7. Move destination/Modify Project data

7.1. Data correction



MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH: C:\Windows

PRJ NAME: Windows

☒ WORKING

<< < > >>

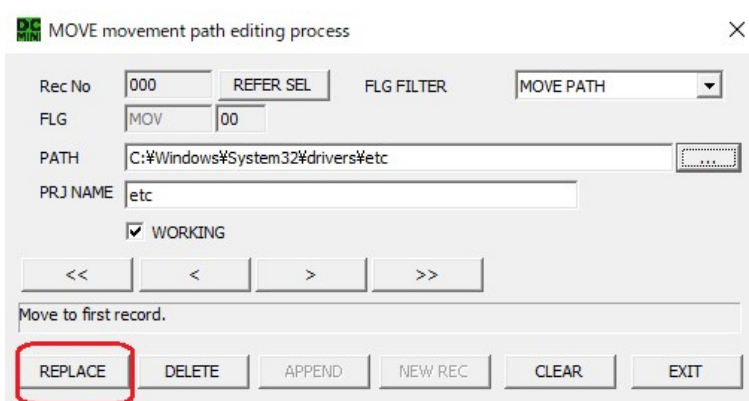
Move to first record.

REPLACE DELETE APPEND NEW REC CLEAR EXIT

Press the MENTE button for the destination or Project you want to modify

Here, we will modify C:\Windows that we registered earlier.

Select C:\Windows\System32\drivers\etc from the folder selection dialog and click [OK].



MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH: C:\Windows\System32\drivers\etc

PRJ NAME: etc

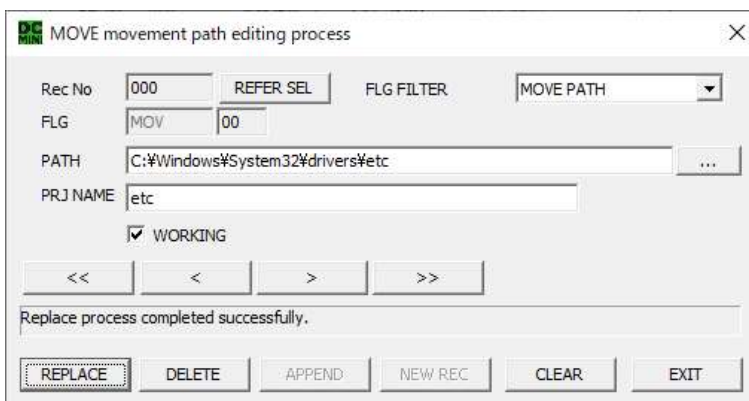
☒ WORKING

<< < > >>

Move to first record.

REPLACE DELETE APPEND NEW REC CLEAR EXIT

Check the contents and press "REPLACE".



MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH: C:\Windows\System32\drivers\etc

PRJ NAME: etc

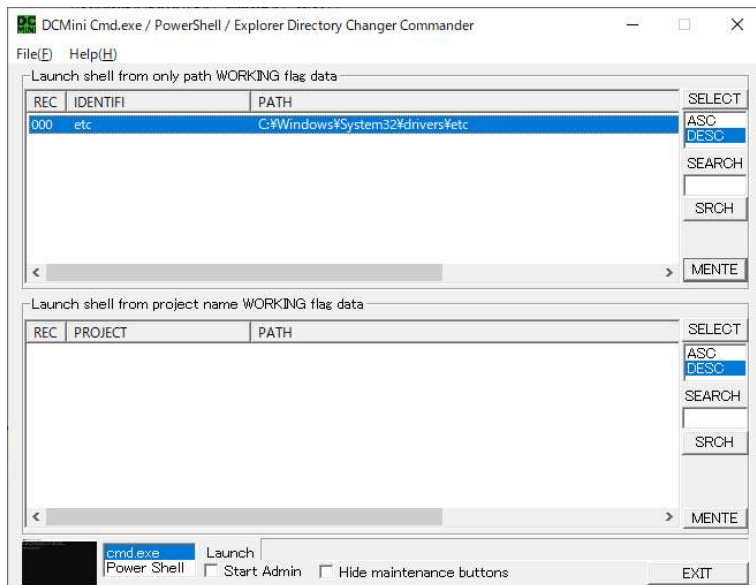
☒ WORKING

<< < > >>

Replace process completed successfully.

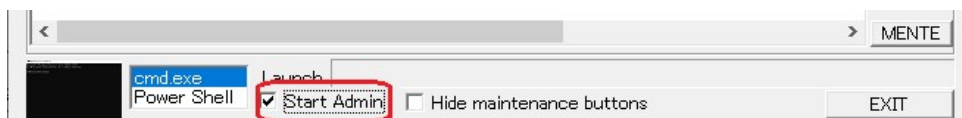
REPLACE DELETE APPEND NEW REC CLEAR EXIT

After confirming that the change process has completed successfully, press the "Exit" button to close the maintenance dialog.



Data has been changed to C:\Windows\System32\drivers\etc.

For example, if you want to edit the hosts file in this folder, you will need "Start Admin", so



After checking Admin startup, double-click the highlighted line with the left mouse button to start CMD.exe in administrator mode.

C:\> 選択管理者: C:\Windows\system32\cmd.exe

C:\Windows\System32\drivers\etc>

C:\> 管理者: C:\Windows\system32\cmd.exe

C:\Windows\System32\drivers\etc>notepad hosts

C:\Windows\System32\drivers\etc>_

Specify hosts in Notepad and press ENTER

```
hosts - X 拡張
ファイル(F) 編集(E) 書式(O) 表示(V) ヘルプ(H)
Copyright (c) 1993-2009 Microsoft Corp.

This is a sample HOSTS file used by Microsoft TCP/IP for Windows.

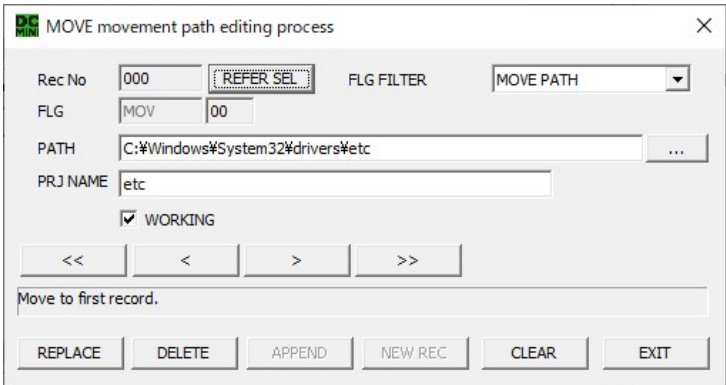
This file contains the mappings of IP addresses to host names. Each
entry should be kept on an individual line. The IP address should
be placed in the first column followed by the corresponding host name.
The IP address and the host name should be separated by at least one
space.

Additionally, comments (such as these) may be inserted on individual
lines or following the machine name denoted by a '#' symbol.

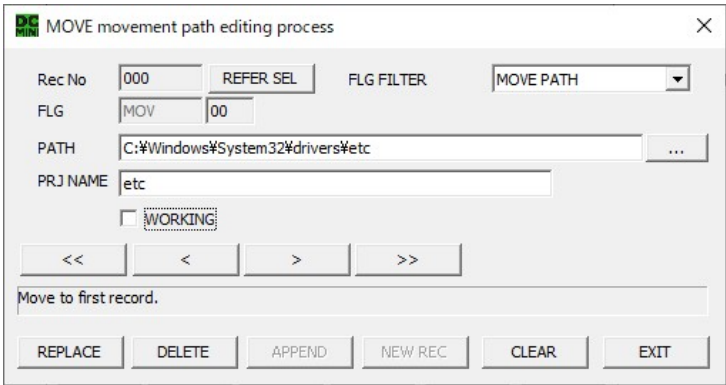
For example:
102.54.94.97 rhino.acme.com # source server
38.25.83.10 x.acme.com # x client host
```

Then just edit and save. Please close CMD.exe, etc. when it is no longer needed.

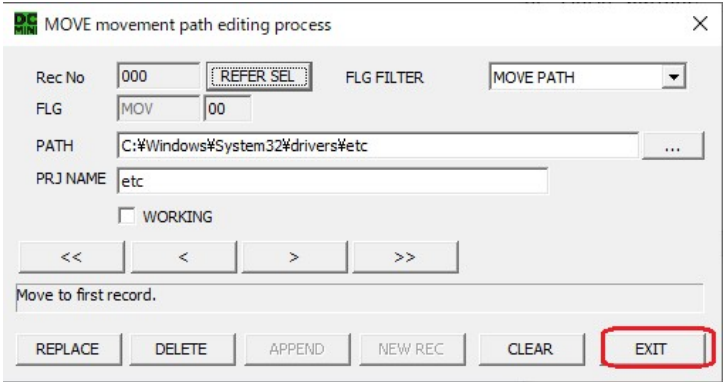
8. Hiding usage data



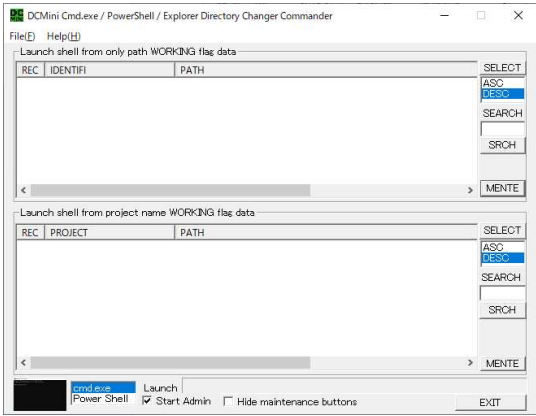
Press the MENTE button of the ListView (destination, Project) that contains the data you want to hide.



Uncheck the item you are currently working on and press "REPLACE"

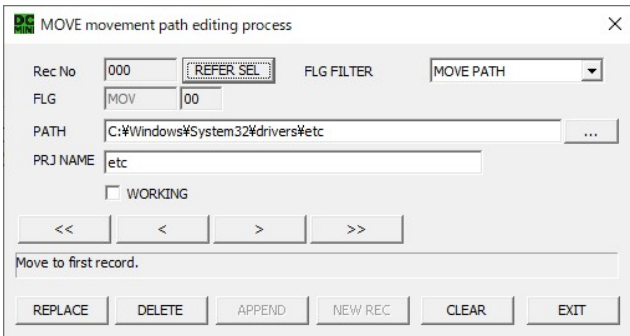


Confirm that it has completed successfully and press the "EXIT" button.

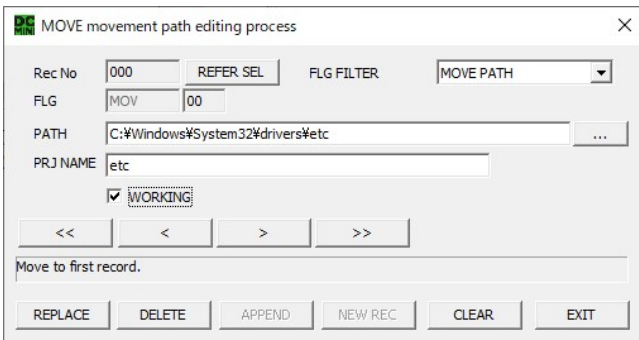


There are no more lines to display.

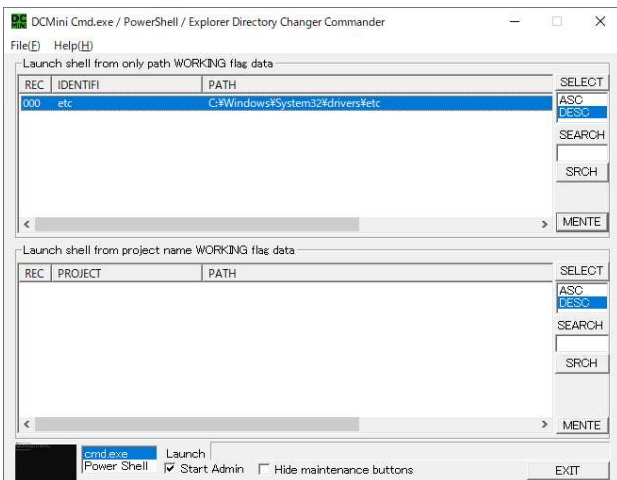
8.1 Restoration of data display



Press the "MENTE" button for the movement/Project you want to restore.



Check the item you are currently working on and press "REPLACE" to finish.



The PATH line display will be restored.

9. Physical deletion of data

MOVE movement path editing process

Rec No: 000 REFER SEL FLG FILTER: MOVE PATH

FLG: MOV 00

PATH: C:\Windows\System32\drivers\etc

PRJ NAME: etc

☒ WORKING

<< < > >>

Move to first record.

REPLACE DELETE APPEND NEW REC CLEAR EXIT

Display the data location you want to delete. Use the [<<] [<] [>] [>>] buttons to move data.

<< Move to first record of data

>> Go to last record of data

> Move to next record currently displayed

< Go to previous record currently displayed

Delete the displayed data. Click "Execute Delete" to perform physical deletion from the .DBQ file.

Please note that physical deletion is different from turning ON/OFF the "currently working" flag, as the data itself will no longer exist.

Also, RecNo will be regenerated for the entire MINIOLOG.DBQ, and will change depending on the deletion position. RecNo has no expressiveness and is simply used as a sequential number.

Although it is possible to register from 000 to 999, I don't think it is necessary to register 999 lines at all. For operational purposes, I think the upper limit is about 50 to 100 lines at most. Considering the effort required for humans to use, select, and search for the path they want, fewer lines will make it easier to handle. Register the path where the script you are currently developing or working on is located and start CMD.exe/PowerShell there. I think it's common to use something like this.

After performing the deletion, press the "Exit" button to exit.

DCMini Cmd.exe / PowerShell / Explorer Directory Changer Commander

File(E) Help(H)

Launch shell from only path WORKING flag data

REC	IDENTIFI	PATH	SELECT
			ASC
			DESC
			SEARCH
			SRCH
			MENTE

Launch shell from project name WORKING flag data

REC	PROJECT	PATH	SELECT
			ASC
			DESC
			SEARCH
			SRCH
			MENTE

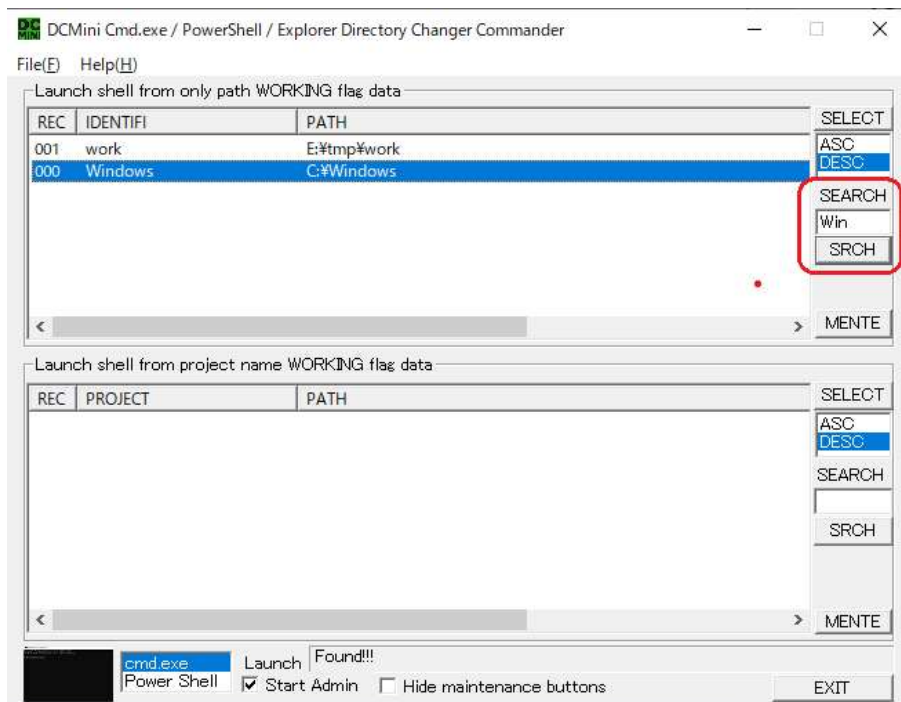
cmd.exe Launch MINIOLOG.DBQ data has 0 records. Please register.

Power Shell ☒ Start Admin ☐ Hide maintenance buttons

EXIT

The deleted row is no longer displayed.

10. Search for



Enter the search string in the SEARCH TextBox of the ListView you want to search. Supports partial matching. Regular expressions are not supported. In this example, we entered "Win" the search string to find Windows. Press the [SRCH] button to continue searching for the next line. If found, "Found" will be displayed in the message box area. The destination searches for the string at the IDENTIFI position. PROJECT is a specification that searches for the character string at the PROJECT position.

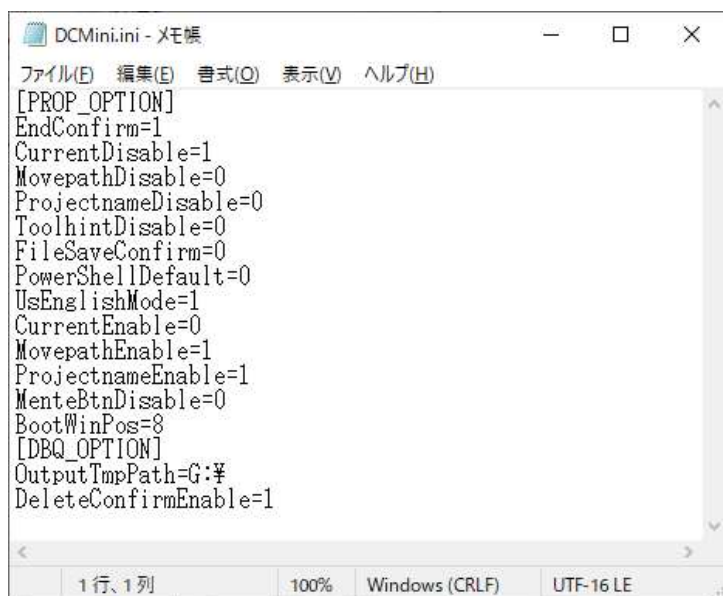
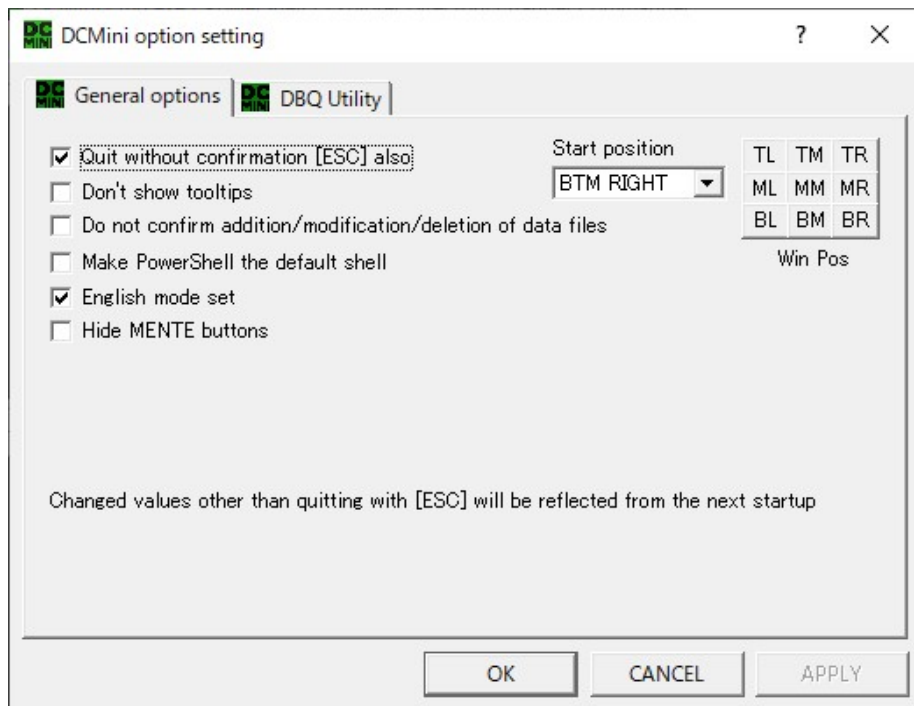
11.Option settings

To display the Option Properties dialog, place the mouse anywhere on the main dialog form other than the ListView and right-click, or select Option(O) from the FILE(F) menu.

Optional parameters are not written to the Windows registry. Therefore, installation/uninstallation is simple.

All you have to do is copy or delete the entire DCMini folder.

Where it is stored is stored in the .ini file used in ancient times called DCMini.ini in the folder dcdat where DCMini.exe exists. Similar results can be obtained by directly editing the parameters in DCMini.ini.



11.1. Setting general options

Exit without confirmation [ESC] also exits

If checked, the exit confirmation check will not be checked when closing.

Do not display tooltips

Check to stop displaying tooltips

Do not confirm deletion of data

files If checked, the confirmation dialog when deleting .DBQ physically will not be displayed.

Make PowerShell the default shell Always start PowerShell first instead of CMD.exe

English mode set Displays messages, controls, etc. in English.

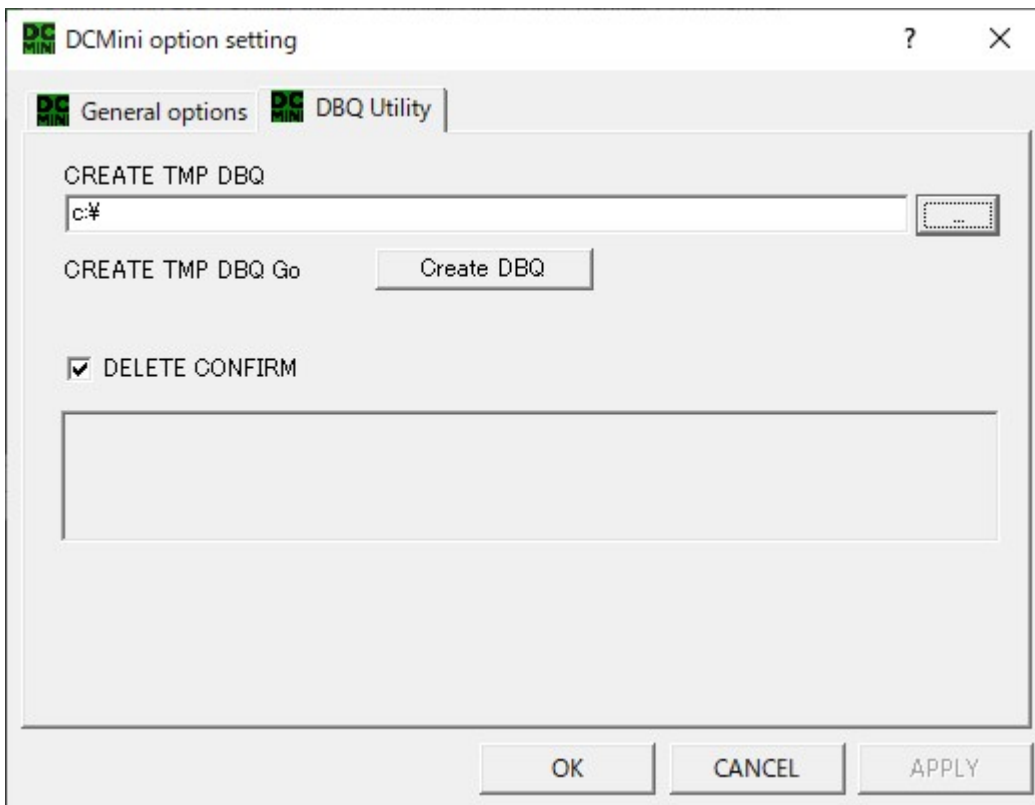
Hide MENTE buttons Hides the .DBQ master maintenance buttons.

Startup position setting Set the startup position to one of 9 split screens.

*After modifying the options, close DCMini.exe and restart it for the options to take effect.

The .ini file mentioned above must be reloaded during initialization.

11.2. DBQ options



New DBQ creation path Create a new empty MINILog.DBQ file. Specify its creation location.

The currently active MINILog.DBQ location cannot be specified. If the same file exists at the creation location will not be created. Please specify a temporary location.

Create a new DBQ [Create DBQ] button Creates a new MNILog.DBQ in the specified path.

12. Version information



Display version number

■postscript

About document issues

The title bar is displayed in Japanese Windows OS.

Replace the path separator ¥ with a backslash. We apologize for the inconvenience.