

AUTO BACKUP & SHUTDOWN

Ver 1.2.2.0

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<Note> This document is a mechanical translation of the Japanese specifications using translation software.
Some expressions may not be accurate.

1. VERVIEW

This is an application that helps you back up your data and prevent you from forgetting to turn off your computer.
It will back up your data and shut down your computer every day or at a specified time on a specified day of the week.

If the computer is in sleep or hibernation mode, restore power and then shut it down.

This application can be executed on Windows-PC (personal computer) with Windows 10 or later.

2. UNZIPPING THE DATA

When you unzip "AutoShutdown.zip", the following files are generated.

File Name	Content	Note
setupE.exe	Installation executable file	Run this file to start the installation (for 64-bit Windows).
AutoShutdown64SetupE.msi	Installation data	Installation data for 64-bit Windows
setupJ.exe	Installation executable file	Run this file to start the installation (for 64-bit Japanese Windows).
AutoShutdown64SetupJ.msi	Installation data	Installation data for 64-bit Japanese Windows
AutoShutdownE.pdf	Instructions (This document)	Auto Backup & Shutdown Instructions (English)
AutoShutdownJ.pdf	Instructions	Auto Backup & Shutdown Instructions (Japanese)
AutoShutDownParts64.zip AutoShutDownParts64.pdf	Data and instructions for manual installation	Data for installing without an installer AutoShutDownParts64.pdf is only in Japanese
AsProjectData.zip	Project data	Source program and VisualStudio project file for building auto shutdown itself (You need a license key to unzip this data.)

3. INSTALL

On 64-bit Windows, run (double-click) "setupE.exe" to begin the installation.
Double-click (launch) "setupE.exe" and follow the instructions on the screen.

This application registers the program at startup.

Some virus security programs may display a warning after installation.

In this case, please press the "allow" button.

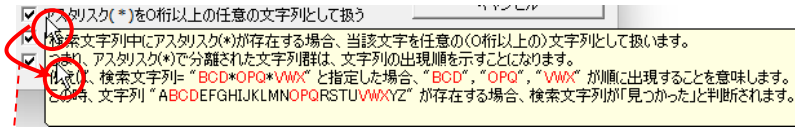


4. TOOL TIP

When you place the cursor over many buttons, checkboxes, etc., a tooltip appears for a certain period of time, and then disappears when you move the cursor away.

Tooltip continues to display

Moving the mouse cursor (quickly) over a tooltip will cause the tooltip to remain visible.



If you move the mouse cursor quickly over a tooltip, the tooltip will remain visible.

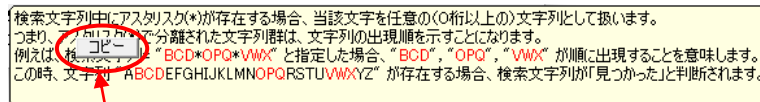
If you then move the mouse cursor outside the tooltip or click it, the tooltip will disappear.

Copy Tooltip

Right-click on the tooltip to display the "Copy" button.

Pressing the Copy button copies the tooltip text to the clipboard.

If you press the Copy button while holding down the SHIFT key, the tooltip image will be copied.



Right click on the tooltip

Hide Tooltips

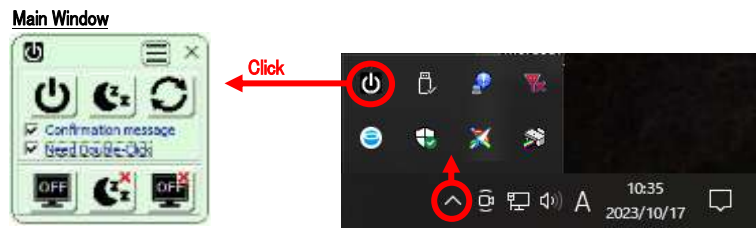
If you click on the tooltip or move the cursor away from it, the tooltip disappears.

If the Copy button is visible, the Copy button disappears.

If you select "Display Tooltips" -> "No display" from the main window menu, all tooltips will no longer be displayed.

5. MAIN WINDOW

Click the icon () in the task tray to display the following window.

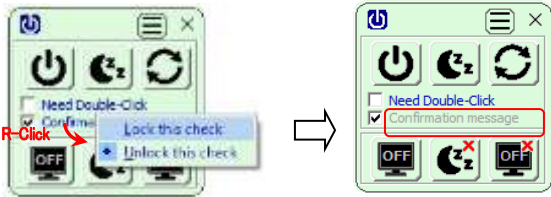


The function of each button is as follows.

#	Button	Function	Note
1		Shut down your PC (Forced shutdown when SHIFT key is pressed) When the CTRL key is pressed, the backup will be executed first.	•If you check "Confirmation message", a message box will be displayed asking whether or not to execute. *1 •If you check "Work on double click", the function will be executed by double clicking. *1
2		Put the PC to sleep now (put the PC to hibernation now when SHIFT key is pressed)	
3		Restart your PC (Forced restart when SHIFT key is pressed when SHIFT key is pressed)	
4		Turn off the display after 2 seconds	It lights up again when you operate the mouse cursor or keyboard.
5		Check this to prevent your PC from going to sleep automatically.	 : Un-checked ,  : Checked
6		Check to prevent the display from turning off automatically. (Keeps the display on until sleep)	 : Un-checked ,  : Checked
7		Display the menu.	Set automatic shutdown time, etc.
8		Hide the window. To display it again, click the task tray icon ().	Buttons valid in all display states

*1: Checkboxes ("Need Double-click" and "Confirmation message") can have their checked states locked. (Prevents accidental clicks)

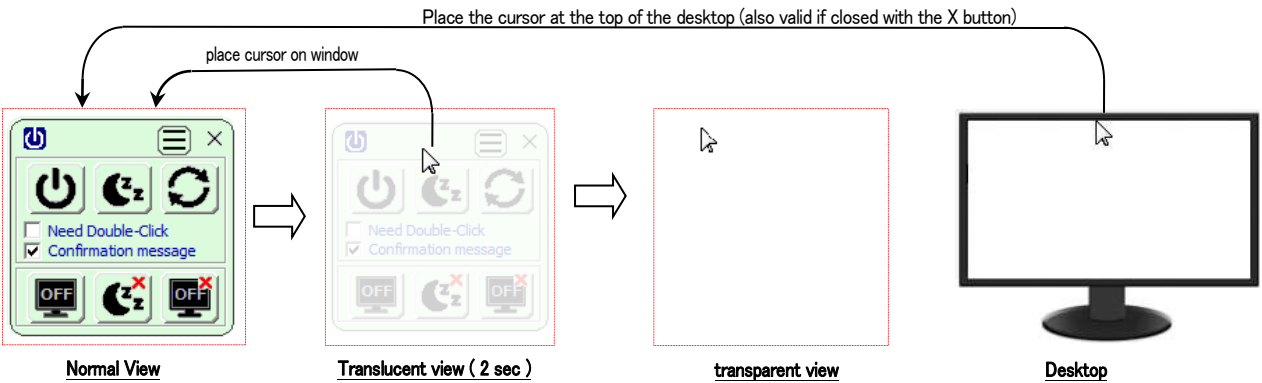
Right-click the checkbox to display a pop-up menu.



If you select "Lock this check," the message box will be grayed out and the check state will not change when you click the checkbox.

If you select "Unlock this check", you can change the check state by clicking the checkbox.

The display status of the main window changes as shown below as time passes or as the cursor is operated. (Operation with default settings)



6. MENU

Click the  button on the main window to display the menu.

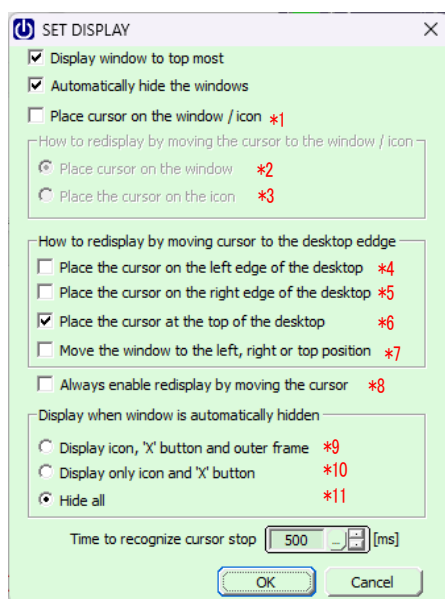
The contents of the menu are as follows.

#	Menu	Content	Note
1	Set Shutdown time	Shutdown time setting	Show settings dialog
2	Set Display method	Setting the window redisplay method and transparency state	
3	Set TimeSignal	Time signal notification function settings	
4	Set Alarm	Setting the alarm time	
5	Set Sound device	Sound device selection and volume settings	
6	Set Backup	Setting the backup method and conditions	
7	Run Backup	Run the backup	
8	Open log folder	Open the folder where the log file is stored	
9	Show Backup History	View/delete past backup history and logs	
10	Cleanup all Backup history	Clear all past backup history and logs	
11	Clock display	Display the analog clock	
12	Display tool tip	Display	Display a tool tip (explanation) when you place the cursor on a button, etc.
13		No display	Do not display all tooltips (descriptions)
14	Language setting	Japanese	Display in Japanese
15		English	Display in English
16	Hide the window	Hide the window (same as clicking the × button)	
17	Display the Instruction manual	View this document	
18	Set license	Display the license setting window (hidden if the license has been set)	
19	Version information	Displays the version of this application	
20	Cleanup (*1)	Clear all settings and restart the computer.	With SHIFT key

*1 : This appears when you press the Menu button while holding down the Shift key.

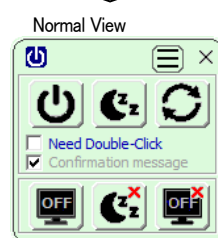
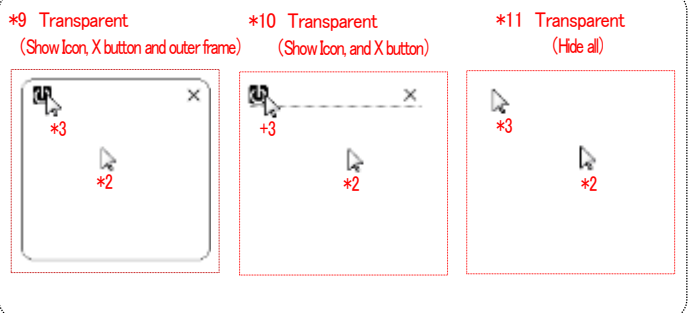
7. SET DISPLAY METHOD

Select "Set Display Method" from the menu to display the dialog shown below.



*1 Place cursor on the window / icon

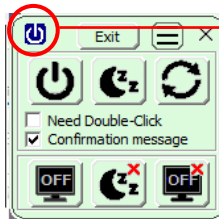
(In transparent display state, display the window normally by placing the cursor at the window position)



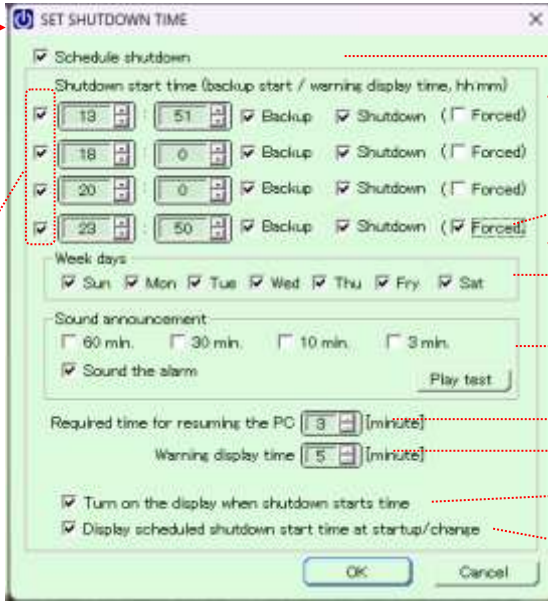
*8 If you close the window using the close (X) button, the window will only be redisplayed using the icon () in the taskbar. If checked, the redisplay by cursor operation above (*2 to *6) will always be enabled.

8. SET BACKUP / SHUTDOWN TIME

Select "Set Shutdown time" from the menu or click the icon () at the top left of the window to display the "SET SHUTDOWN TIME" screen below.



Enable the four time settings on the right



Enable the backup/shutdown settings below

Select the time and action to be taken (backup, shutdown)

Specify a forced shutdown
In this case, the PC will shut down even if it is locked.

Select the day of the week

Select the sound you want to hear before shutting down.

Time required to resume from sleep or hibernation (2 minutes or more)

Shutdown warning (countdown) time

Turn on the display at the shutdown start time (backup start time/warning display time)

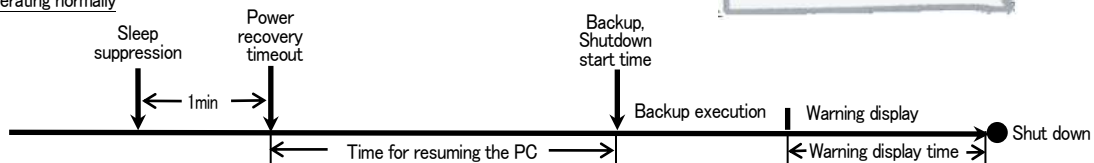
When starting and changing, the following message will be displayed



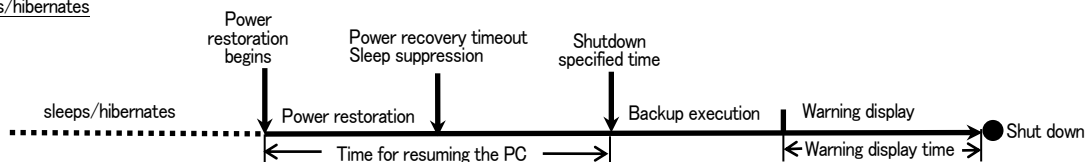
Click on the window and the message will disappear.

The shutdown process is as follows:

PC is operating normally



PC sleeps/hibernates



To execute the configured shutdown schedule, press the "OK" button at the end.

If you press the "Cancel" button, the configured shutdown information will be discarded (the previously configured information will become valid).

8.1. Voice notification

You can be notified of the shutdown by voice before the shutdown. (Depending on the state of your PC, audio may not be output.)

Voice guidance can be provided at four times before shutdown (60 minutes before, 30 minutes before, 10 minutes before, and 3 minutes before).

8.2. Warning display

When the set shutdown time is reached, a countdown will be displayed in the center of the screen, and the shutdown will begin when the count reaches zero.

Countdown display



During the countdown, if you press the "  " button, the shutdown will be canceled and the next shutdown time will take effect.

9. SET BACKUP INFORMATION

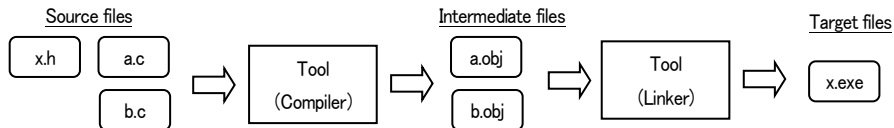
By configuring backup settings, you can automatically perform a backup before shutting down.

To perform a backup, check "Perform backup before shutdown" on the "SET SHUTDOWN TIME" screen.

Backup Concept

When developing something, there are the original file (source file), intermediate generated files (intermediate files), and the target file.

As a simple example, consider the case of creating a destination file (x.exe) from source files (a.c, b.c, x.h) via intermediate files (a.obj, b.obj).



At this time, it would be reassuring to back up all files in case they are lost, but depending on the development content, there may be a huge number of files.

Backup all these files takes up storage space and the time it takes to complete the backup.

Here, we think that what should be backed up is the source file, and the rest of the files can be restored with the right tools.

Also, since the files are from a shipment, I think they should be included in the backup (given that their behavior may change when the tools are upgraded).

This backup tool allows you to specify source files and files to exclude from the backup.

File update detection

You can detect when a source file has been updated in the following ways:

However, when we say updating, it could also mean reverting to a previous file.

Therefore, you can select not only when the source file's timestamp has been updated, but also when the timestamp is "different" from the backed up file.

This backup tool allows you to select from the following three methods to detect file updates.

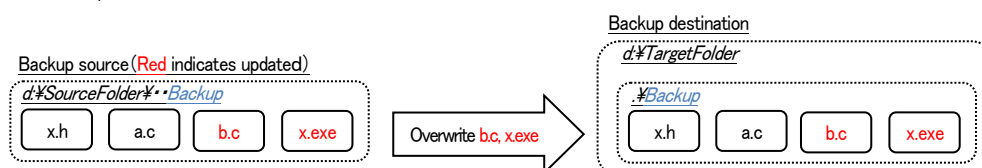
- 1) The timestamp of the source file is different from the timestamp of the backed up file.
- 2) The timestamp of the source file is newer than the timestamp of the backed up file
- 3) The source file has the archive attribute set (has been modified in some way)

How to back up

With this backup tool, you can choose from the following two backup methods.

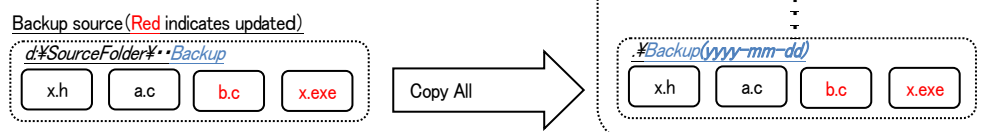
1) Overwrite modified files to backup destination

Create a folder with the same name as the last folder name of the backup source under the backup destination folder, and copy (overwrite) the updated files.



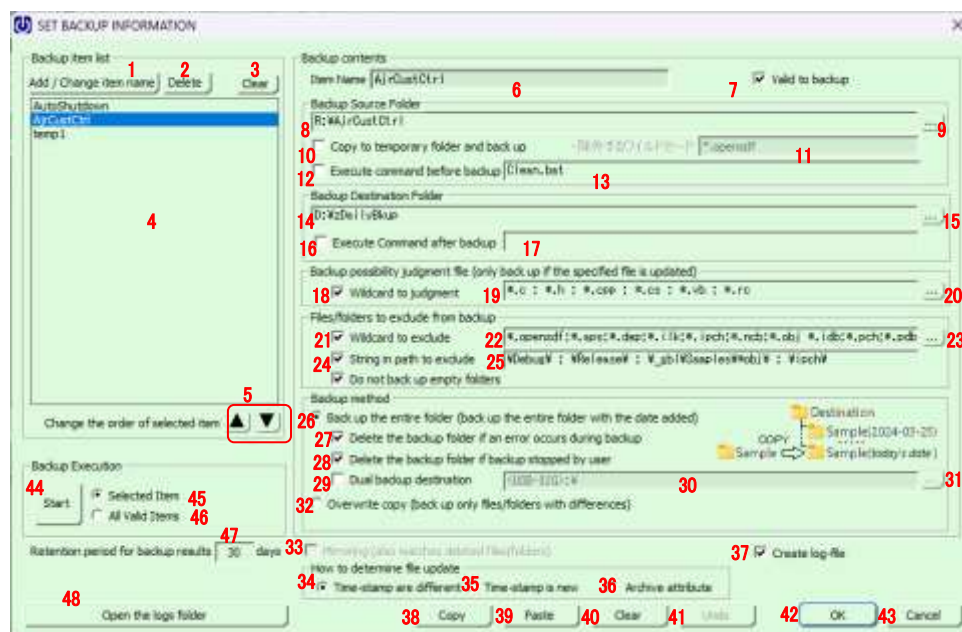
2) Copy the entire folder

Create a folder in the backup destination folder with the same name as the last folder name of the backup source (with the date added to the end (and if there is the same date, 'A' to 'Z' will also be added)), and copy all the files to be backed up.



9.1. BACKUP SETTING

When you select "Set Backup" from the menu, a screen like the one below will appear.



#	内容
1	Add a backup item or change the name of a backup item
2	Delete selected backup items
3	Delete all backup items (confirmation message displayed)
4	List of backup items (select an item to display its settings on the right)
5	Change the order of selected backup items
6	Backup Item Name
7	If checked, the item will be automatically backup.
8	Specify the backup source folder (can be dropped from Explorer). *1
9	Display the backup source folder selection dialog
10	If checked, the backup source folder will be copied to a temporary folder, and the temporary folder will be treated as the backup source folder.
11	Specify files to exclude when copying the backup source folder to the temporary folder.
12	If checked, executes the command specified in "13" before backup.
13	Specify the command to be executed before backup (specify the command with a relative path from the backup source folder/temporary folder)
14	Specify the backup destination folder (can be dropped from Explorer) The backup folder will be created under this folder *1
15	Display the backup destination folder selection dialog
16	If checked, executes the command specified in "17" after backup.
17	Specify the command to be executed after the backup (specify the command with a relative path from the backup destination folder)
18	If checked, enables specification of the source file to determine whether or not to back up. If checked and "19" is not blank, a backup will be performed when the file specified in "19" is updated. If unchecked, a backup will be performed if any of the all files targeted for backup are updated.
19	Specify a wildcard to determine whether it can be backed up. (if multiple wildcards are specified, separate them with a semicolon (;) or a slash (/). In this case, spaces before and after each wildcard are ignored.) Run a backup when these files are updated
20	Show Source File Wildcard Edit Dialog
21	Enable wildcards of exclude from backup(enable to "22")
22	Specify wildcards for files to exclude (separate multiple wildcards with a semicolon (;) or slash (/)). (Whitespace before and after each wildcard is ignored.) If left blank, no files will be excluded.
23	Show wildcard edit dialog for files to exclude from backup
24	Specify the strings in the path of the file to be excluded (if multiple strings are specified, separate them with a semicolon (;) or a slash (/). In this case, spaces before and after each string are ignored) An asterisk (*) in each string means any string of 0 or more digits (e.g. if you specify "ABC*XYZ", "ABC_123_XYZ" will match). A string enclosed in double quotes (" ") is treated as a pure string, except that "¥" validates the next character (ex. "¥" → "¥", "¥¥" → "¥¥", "¥A" → "A", etc.) If left blank, the path string specification will be ignored.

#	内容
25	If checked, empty folders will not be backed up. An empty folder means a folder that does not contain any files to be backed up, including subfolders.
26	Select to back up the entire source folder. Back up all files that are targeted for backup, including files that have not been updated. A folder with the current date added will be created under the backup destination folder.
27	If checked, if an error occurs during backup, the folder with the current date added under the backup destination folder will be deleted.
28	If checked, when the backup is canceled, the folder with the current date added under the backup destination folder will be deleted.
29	If checked, double backup will be performed. Double backup means that the backed up folder (the folder with the current date added) will be copied to the folder specified in "30".
30	Specify the folder for double backup (can be dropped from Explorer) *1
31	Display the dialog box for selecting the folder for the dual backup destination
32	Select to copy (overwrite) only updated files to the backup destination. A folder with the last folder name of the backup source folder path will be created under the backup destination folder. (ex. d:\work\sample → <Backup Destination>\Sample)
33	Delete files and folders that exist only in the backup destination (to make the contents of the backup source and destination the same)
34	Performing a backup when the timestamp of the source file and the backed up file are different
35	Run a backup if the timestamp of the source file is newer than the timestamp of the backed up file
36	Perform a backup if the source file has the archive attribute set
37	Output backup log to file
38	Copy the backup settings to the work If the SHIFT key is pressed, the backup settings are output to a file.
39	Paste the backup settings you copied If the SHIFT key is pressed, the backup settings are read from the file.
40	Clear the settings
41	Redo pasting the settings (revert to the state before pasting)
42	Save the settings and exit
43	Exit without saving the settings (however, if there are any changes, a confirmation message will be displayed)
44	Execute the backup. The backup items to be executed are specified as "45" and "46".
45	Back up the items selected in "4"
46	Select all backup items with "7" checked
47	Specify the period of backup results and backup log files to save(Default=30, 0 is forever)
48	Open the folder where the backup log file is stored (Launch Explorer)

*1 : By specifying the volume label name of the drive instead of the drive specification ('a' to 'z'), you can access the volume even if the drive changes.

Instead of specifying a drive ('a' to 'z'), enclose the volume label name in '<' and '>' and specify it as "<VolumeLabel>\SubFolder".

For example, if the volume label name of the USB memory drive (G drive) is "USB-32G", "G:\Work" can be specified as "<USB-32G>\Work".

9.2. Back up entire folder with date added

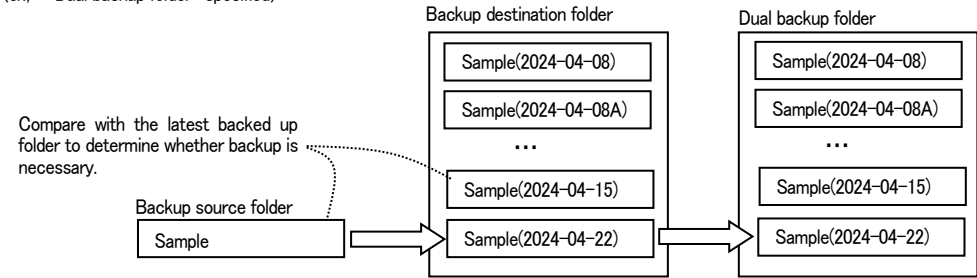
Add the date "(yyyy-mm-dd)" to the end of the folder name and copy it to the backup destination folder.
If you already have a backed up folder with the same name (i.e. if you performed multiple backups on the same day), add 'A' to 'Z' at the end.
Add "(yyyy-mm-dd?)" (? is A to Z).

Compare the backup source folder with the latest backed up folder under the backup destination folder and determine whether backup is necessary.
Note that only files that meet the conditions shown in (1) to (3) in "Selecting files to back up" in the next section will be compared.

- 1) Compare the timestamps of all files, and if there are files with different timestamps, it is determined that backup is required.
- 2) Compare the existence of all files and directories, and if there are files/folders that exist only in one side, it is determined that backup is required.

If you check "Dual backup destination folder", copy the backup folder to another folder.

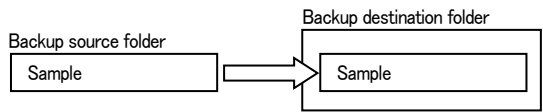
(ex, "Dual backup folder" specified)



If an error is detected during backup, the backup will be stopped.

9.3. Back up only files/folders with differences

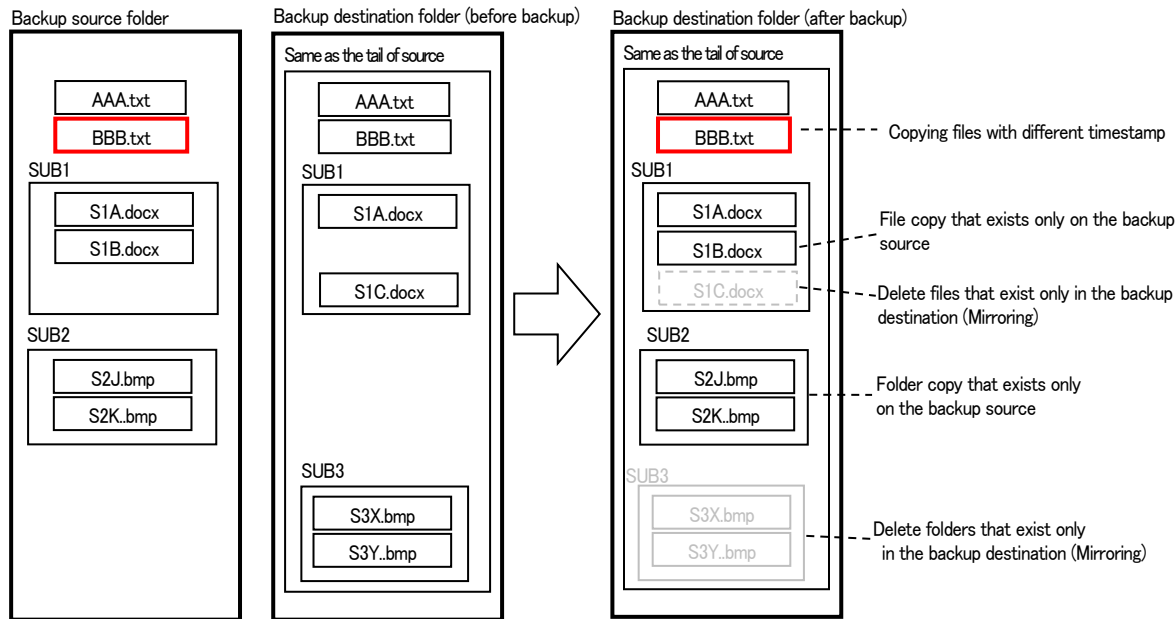
Only the mutated parts are backed up so that the contents of the backup source folder and the contents of the backup destination folder match.
A folder with the same name as the tail folder in the backup source folder is created under the backup destination folder and the backup is performed.



Compare the backup source folder and backup destination folder, and perform the backup following steps.
Note that only files that meet the conditions shown in (1) to (3) in “Selecting files to back up” in the next section will be compared.

- 1) Compare the timestamps of all files, and if there are files with different timestamps, copy (overwrite) them to the backup destination.
- 2) Compare the existence of all files and directories, and if there are files/folders that exist only in the backup source, copy them to the backup destination.
- 3) If there is a file/folder that exists only in the backup destination, and “Mirroring” is specified, the file/folder will be deleted from the backup destination.

(ex. “Mirroring” specified)



If an error is encountered during backup, the backup will not stop but will continue to back up subsequent files.

9.4. Determining whether or not to back up

The necessity of a backup is determined for the target file by the following methods. (Backup will be performed if any of the conditions are met.)

Necessity of backup is determined by the difference of the following conditions (Backup will be performed only if the conditions are met).				
#	How to determine backup			Note
1	File time-stamp/archive attribute (Select from the right)	File time-stamp are different	*1	
2		File time-stamp is new		
3		Has archive attribute		
4	Any file/folder has different attributes			Archive and normal attributes are ignored.
5	There are folders/files that exist only in the backup source			
6	There are folders/files that exist only in the backup destination *2			If you select "Overwrite copy", this is only valid if "Mirroring" is checked.

*1: If either the source or destination file system is other than NTFS, the comparison will be rounded up to the nearest 2 seconds.

*2: If you select "Back up the entire folder" the backup destination will be the last folder that was backed up.

9.5. Mirroring

Mirroring is a function that makes the configuration folders and files of the backup source and backup destination identical.

If mirroring is specified, the following backup operations will be performed.

conditions	operation	
	Overwrite backup	Entire folder backup 時
There are folders or files that exist only on the destination side	Delete same folders / files from the destination side	Exclude backup the same files and folders when
There are folders or files on the destination side that are excluded in the backup.	Delete any folders or files that are excluded in the destination folder.	Exclude backup excluded folders and files
There is an empty folder on the destination side (If you select "Do not back up empty folders")	Delete empty folders from the destination side	Exclude backup excluded empty folders

* Source side refers to the backup source folder

* The destination side refers to the backup destination folder when overwriting backup, and the last backed up folder when backing up the entire folder.

9.6. File Archive Attributes

A backup does not change the archive attribute of the source file.

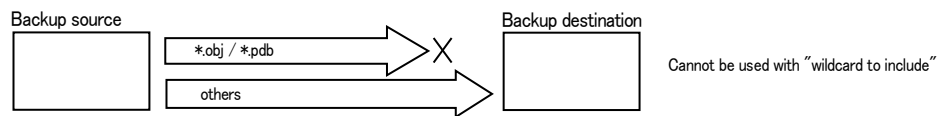
In addition, the attributes of the backup destination file will be the same as those of the source file.

9.7. Selecting files to back up

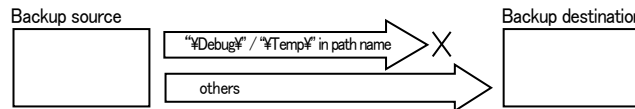
You can specify which files to back up (or not back up) and exclude extra files such as intermediate files from the backup.

The method to exclude from backup is as follows.

- 1) Specify wildcards for files not to be backup (Multiple specifications possible, ex. "*.obj ; *.pdb")



- 2) Exclude files with specific strings in their path names from backup (Multiple specifications possible, ex. "%Debug%" ; "%Temp%")

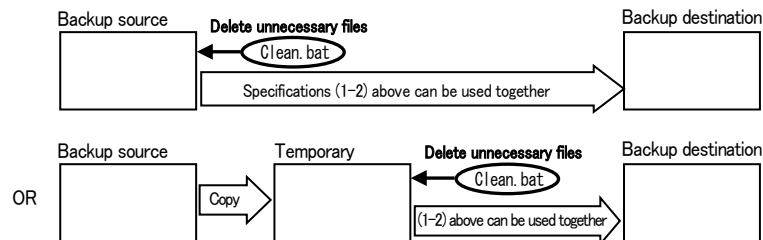


- 3) Run a specific executable file (.bat or .exe) and delete files that do not need to be backed up in advance.

If "Execute command before backup" is selected, you can run a specific executable file (.bat or .exe) before backup to delete files that do not need to be backed up.

The executable file must be prepared by the user in the backup source folder. (ex. %bat%Clean.bat)

If you can't run a command to delete files that don't need to be backed up from the backup folder (source) (if you want to debug the command itself), you can first copy everything to a temporary folder and treat that temporary folder as the backup source folder.



9.8. Execute command after backup

If "Execute command after backup" is selected, you can run a specific executable file (.bat or .exe) after backup.

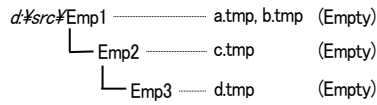
The executable file must be prepared by the user in the backup source folder. (ex. %bat%SaveToZip.bat)

9.9. Backup of empty folder

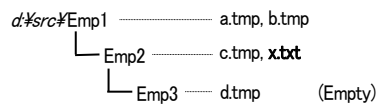
An empty folder means a folder where there are no files in the folder and its subfolders, or where all files are Exclude from backed up.

For example, if “*.tmp” is specified as a wildcard to exclude from backup, the following “Emp1” (and “Emp2” and “Emp3”) folders will be considered empty folders.

(In the following example, backup source = d:\src\Emp1, backup destination = d:\target)

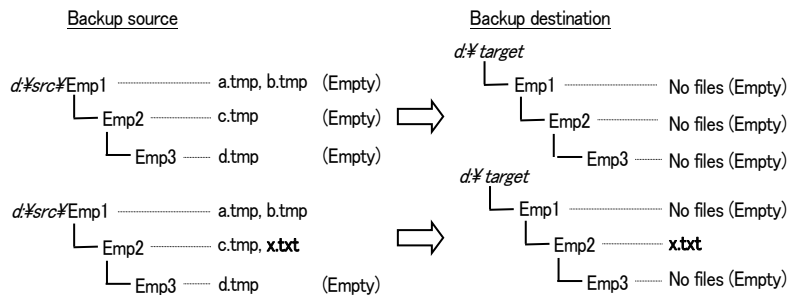


In the following case, the “Emp2” folder contains files other than “*.tmp” (x.txt), so only the “Emp3” folder will be empty folder.

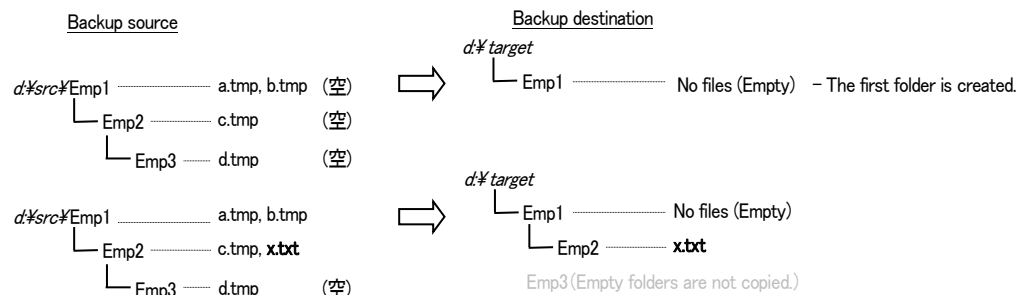


If “Do not back up empty folders” is unchecked, empty folders will also be copied to the backup destination.

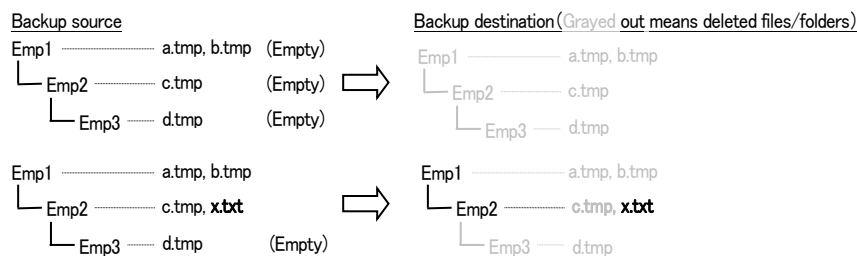
However, (of course) excluded files (*.tmp) in empty folders will not be copied to the backup destination.



If you check “Do not back up empty folders”, empty folders will not be copied to the backup destination.

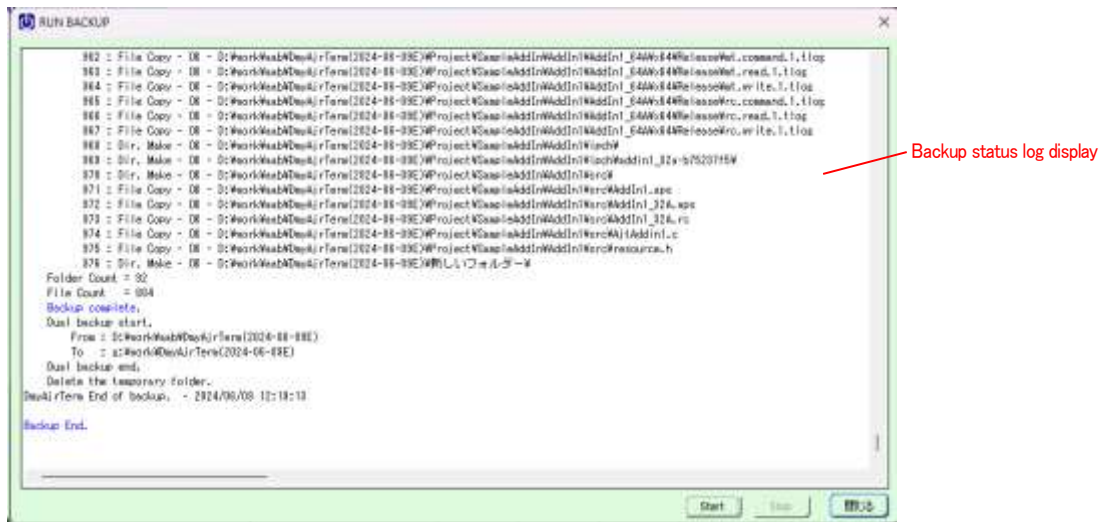


In addition, if “Mirroring” is checked in “Overwrite copy”, folders and files that are not in the backup source (folders and files that exist only in the backup destination, and files that are not targeted for backup) will be deleted from the backup destination.



10. RUN BACKUP

バックアップ設定画面から「実行」ボタンを押すか、シャットダウン設定時刻に達すると、バックアップが実行されます。
バックアップ実行画面の外観は以下のとおりです。



If you press the “Start” button on the “SET BACKUP” screen, start the backup.

In this case, if “Selected item” is selected on the “SET BACKUP” screen, the items selected in the backup item list will be backed up.

If “All valid items” is selected, all backup items for which “Valid to backup” is set will be executed.

If the shutdown time is reached and “Shutdown” is checked on the shutdown time setting screen, backup will start automatically without pressing the “Start” button.

In this case, all backup items for which “Valid to backup” is set will be executed, and the screen will close when the backup is complete.

After that, it will move to the shutdown warning display.

Pressing the “Stop” button will cancel the backup (and shutdown).

10.1. OUTPUT LOGFILE

If “Create log-file” is checked on the “SET BACKUP” screen, the backup status log will also be output to a file.

However, if backup is not required, the log file will not be output.

The log file is output to “C:\Users\%<user name>%\AppData\Local\AutoShutdown\Bkup\Log%” under the system drive (usually the C drive).

The names of the log files are as follows.

Log-File name	Note
<BackupItemName>(yymmdd_hhmmss).logv	ex. Sample(241211_151623).logv

10.2. Viewing the backup history

If you select "Show Backup History" from the menu, the backup history screen will be displayed as shown below.

Backup item name list
When you select one, the backup date and time and the result will be displayed on the right.

Date and Time	Backup Result	Dual Backup Result
2024/12/06 13:07:23	- Unnecessary	-
2024/12/06 08:54:36	- Unnecessary	-
2024/12/06 08:53:20	- Success	-

Backup date and time and result (multiple selections possible)

Unnecessary: No backup performed because there are no differences

Success : Backup successful

Cancel : Backup was aborted by user

Error : Error occurred during backup

- : Not configured to back up

Deletes the history and log files of the selected backup results. (Multiple selections are possible)

Deletes the history and log files for the selected backup item.

Deselect all

Displays the log of the selected backup results. This is only possible if "Create log file" is checked on the backup settings screen.

10.3. Clean up the backup history

Select "Clean up all backup history" from the menu to delete the history and log files of all backup items.
Before deleting, a confirmation message will be displayed.

11. BACKUP COMMAND

The console command to perform the backup.

The command format is as follows:

AjrBkup.bat	Parameter	Parameter	...
-------------	-----------	-----------	-----

*The path to AjrBkup.bat has already been set.

*In AjrBkup.bat, the path is set and AjrBkup32.exe/AjrBkup64.exe is executed.

The parameter format is as follows :

Each parameter is separated by one or more spaces. Items (separated by dotted lines (- - -)) indicate that you must select one of the parameters.

#	Parameter	Note	
1	<Parameter file path>	Specify the file that describes the parameters. (ex. d:\work\param.txt) Anything after an apostrophe (') on each line in a parameter file is considered a comment.	
2	/N<Backup Item Name >	Quote the contents of the items created in "Backup Settings"	
3	/ZD	Add the date and time to the end of the folder name and back up the entire folder (excluding non-target files)	
4	/ZR	Overwrite and back up only files that are different (excluding non-target files)	
5	/S<Backup source folder path>	Specify the backup source folder	
6	/D<Backup destination folder path>	Specify the backup destination folder	
7	/2<Dual backup destination folder path>	Specify the double backup destination folder (only valid when the /ZD option is specified)	
8	/CB<Pre-backup Commands>	Specify a command to be executed before the backup	
9	/CA<Post-backup command>	Specify a command to be executed after the backup	
10	/WI<Target wildcards >	Specify a wildcard group of files to determine whether they can be backed up. (ex. *.cs;*.cpp;*.h)	
11	/WE<Wildcards to exclude >	Specify wildcards to exclude from backup (ex. *.obj;*.tmp)	
12	/WS<Strings in the path to exclude >	Specify the string in the path name to exclude from the backup. (ex. %Debug%; %Release%)	
13	/REY	If an error occurs during backup, delete the backup destination folder.	Only valid when the /ZD option is specified
14	/REN	Do not delete the backup destination folder if an error occurs during backup	
15	/MY	Mirroring enabled (delete files/folders that only exist in the backup destination)	
16	/MN	No mirroring	
17	/EY	Back up empty folders too	
18	/EN	Do not back up empty folders	
19	/UD	Back up files with different timestamps	
20	/UN	Back up files with newer timestamps	
21	/UA	Back up files with the archive attribute set	
22	/TY	Copy everything to a temporary folder, then back up the temporary folder.	
23	/TN	Back up the source folder without copying to a temporary folder	
24	/LY	Create a log file (log file path is generated internally)	
25	/LN	Do not create a log file	
26	/P	Pause after backup (prompt for Enter key)	

The '<' and '>' in the parameters do not actually need to be specified. If you want to include spaces, enclose it in quotes ("). (ex. /S"d:\Project\Source Files")

11.1. Default settings for backup parameters

You can set the default values for backup parameters in the environment variable "AjrBkupDefault".

ex.

SET AjrBkupDefault=/ZD /LY

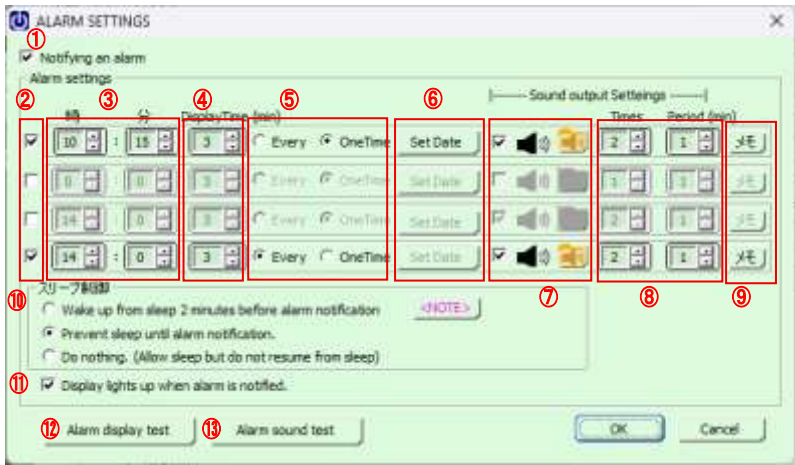
11.2. how to run the backup command

The backup command is executed as follows:

- 1) Run AjrBkup.bat (path is set by the bat)
- 2) Give the parameter file a ".ajbk" extension, and double-click the parameter file in Explorer.
- 3) Create a shortcut for "AjrBkup64.exe" (or "AjrBkup32.exe") and drop the parameter file into that shortcut (the extension can be anything other than ".ajbk").

12. SET ALARM

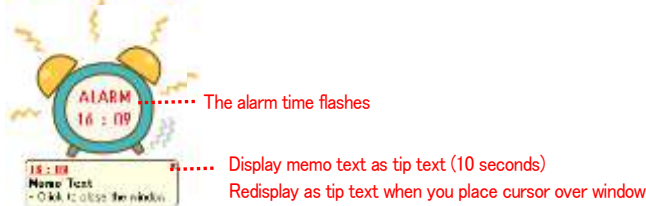
This function notifies you of an alarm at a specified time. You can set up to four alarm notification times. When you select "Set Alarm" from the menu, the following time signal settings screen will be displayed.



各コントロールの内容は以下のとおりです。

#	Content	Note
①	Check this box to set an alarm.	When unchecked, all settings are disabled.
①	Checking this box will enable the corresponding alarm item to the right.	
③	Set the alarm notification time (hours and minutes)	
②	Specify the time for which the alarm notification window will be displayed	*1
③	Choose whether you want the alarm to notify you daily or just once.	
④	Set the date for the alarm to be notified	Display the date setting dialog, only valid when "One Time" is selected
⑤	Set the sound output when an alarm is notified and the sound file (.wav)	*2
⑥	Snooze setting	Alarm notification count and notification cycle
⑦	Set the memo text to be displayed when the alarm is notified.	*3
⑧	Select the sleep function for alarm notifications	
⑨	Specify whether to turn on the display when an alarm is notified.	
⑩	Simulates the alarm window display	
⑪	Simulates playing an alarm sound	

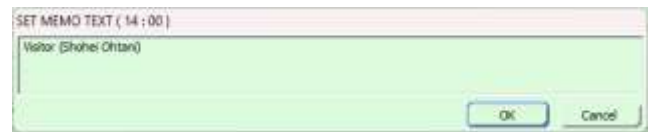
*1: When an alarm is notified, the following window will be displayed in the center of the screen for the o'clock specified in "⑤ Display Time". (Drag to move, click to close the window.)



*2: Clicking [Speaker Icon] will display the following window, where you can specify the sound file (.wav) to play.



*3: The following window will appear. Enter the note text here. (To enter a line feed, press CTRL+ENTER.)



13. SET TIME SIGNAL NOTIFICATION

This function notifies you of the time before and after every hour (0 minutes 0 seconds).
When you select "Set Time signal " from the menu, the following time signal settings screen will be displayed.



Clock display image



Check "Notify the time signal" to enable time signal notifications. (Unchecked by default)
Use the checkboxes to the right of "AM" and "PM" to select when the time signal will be Notify.
If you check "Show clock", a clock will be displayed before and after the time signal (3 to 30 seconds).
Press the "Clock display test" button to watch the clock.
"Ring the chime", "Notify by voice" and "Generate a time signal" selects the voice or sound to be notified before the time signal.
By pressing the "Play Test" button, you can try generating notification voices and sounds.

14. SET SOUND DEVICE

You can set the device and volume that outputs audio and sound for shutdown notifications and time signal notifications.
When you select "Sound Device Settings" from the menu, the following sound device settings screen will be displayed.

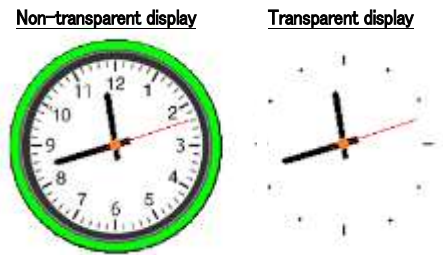


"Device" selects the device to output audio and sound.
"Volume" sets the output volume.
The volume will be 0 to 100% of the main volume set in the system (the volume set with "🔊" on the taskbar).

15. ANALOG CLOCK DISPLAY

Select "Show Clock" / "Hide Clock" in the menu to show/hide the following analog clocks.

The display image of the clock is as follows:

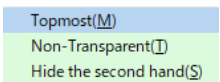


You can move the clock window by dragging with the left button.

Left click to hide the clock.

Pop-up Menu

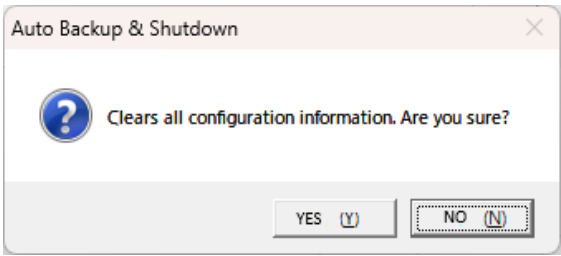
When you right-click on the clock, the following pop-up menu appears:



16. Cleanup

To clean up (erase all settings), hold down the Shift key and press the Menu button, then select "Clean up."

When the following message appears, click the "Yes" button to erase all settings.



17. UNINSTALL

17.1. Windows10

Uninstall "Auto Shutdown" from "System" → "Apps and Features" in the settings menu.

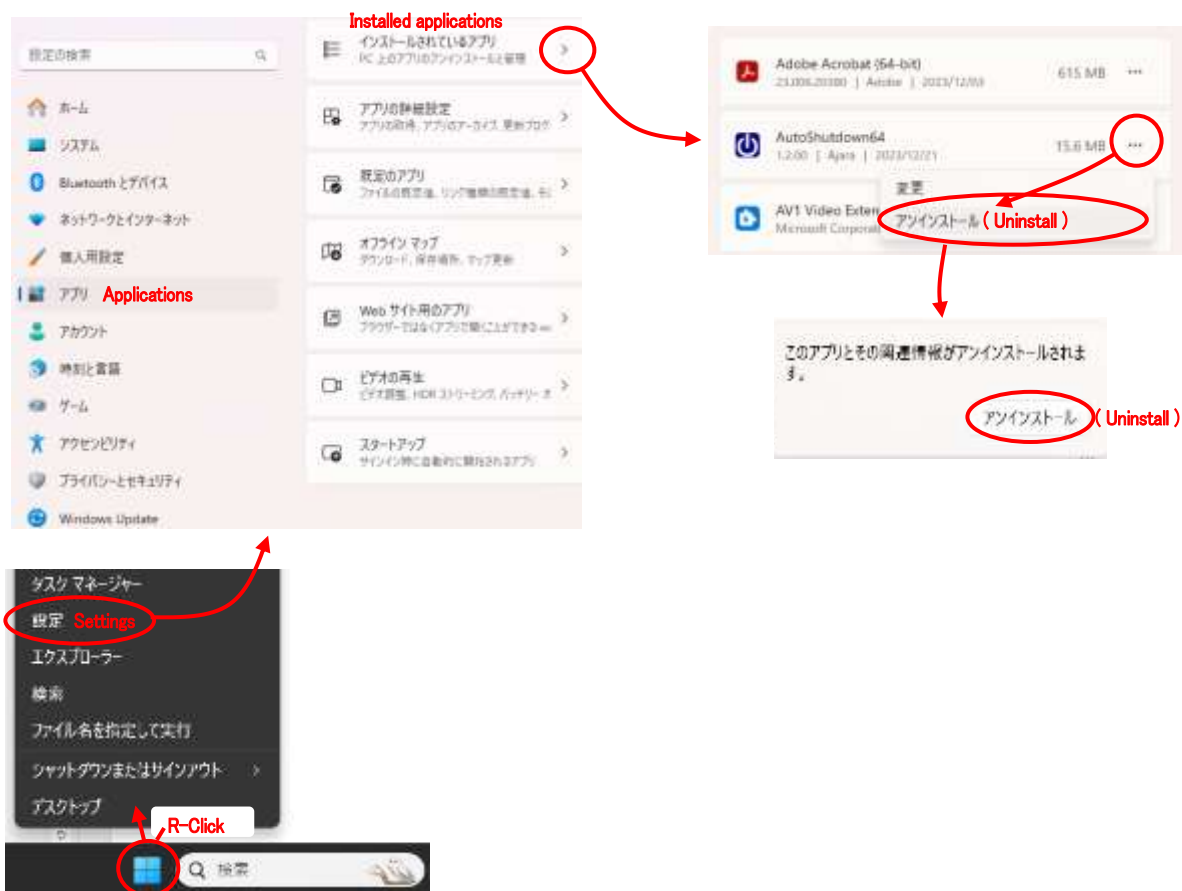
Click "AutoShutdown32"/"AutoShutdown64" and select "Uninstall".



17.2. Windows11

Uninstall "Auto Shutdown" from "Apps" → "Installed apps" in the settings menu.

Click "..." to the right of "AutoShutdown32"/"AutoShutdown64" and select "Uninstall".



18. RECORDING CONFIGURATION DATA

"Auto Shutdown" records configuration data under the "C:\A\jara\AutoShutdown*" folder under the system drive (usually C drive).

If the folder is secured, you must change the attribute of the "C:\A\jara\AutoShutdown*" folder to "Full Control".

~~19. LICENSE SETTING~~

The license settings have been deleted.

It is available for free use.