ArchGene Operations Manual (Archiving tool for installation)

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CASIO COMPUTER CO., LTD.

Revision log

Version No.	Data of revision	Details of revision
1.00	2001/08/07	First version
1.01	2001/11/15	The reset after installation is changed into recommendation.

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1 Overview

 Archgene.exe is an application that uses MkArch.exe to create archive files (.cbea) for BE-300 installations.

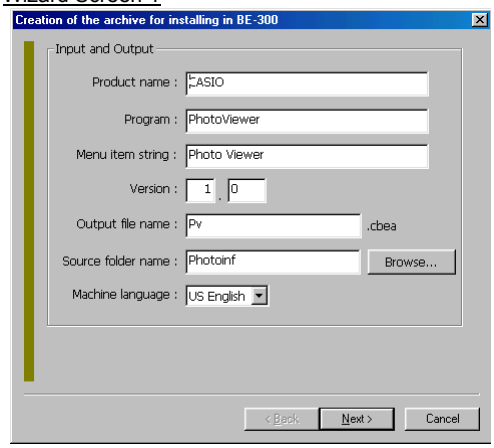
It is possible that due to specification modifications, etc, the screen shots in this manual will differ from the actual product.

The screen shots are from the US version but the functionality of the Japanese version is identical.

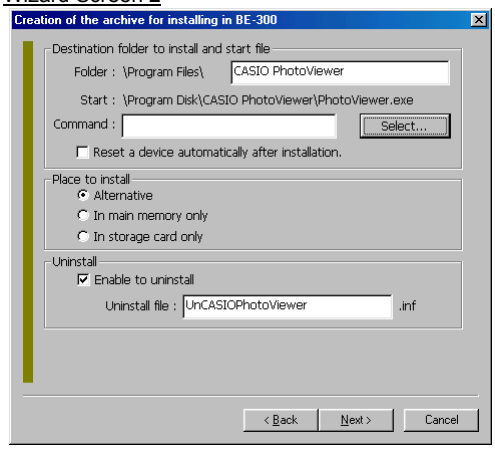
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2 Screen Transition

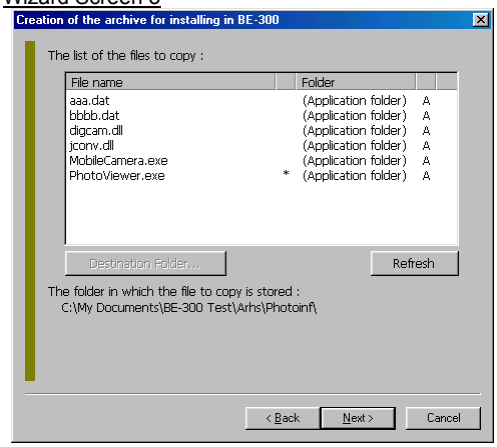
Wizard Screen 1



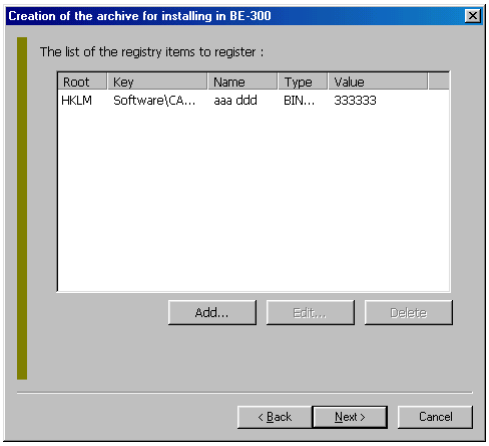
Wizard Screen 2



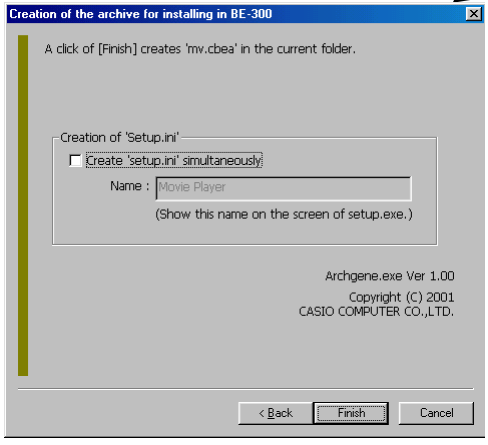
Wizard Screen 3



Wizard Screen 4



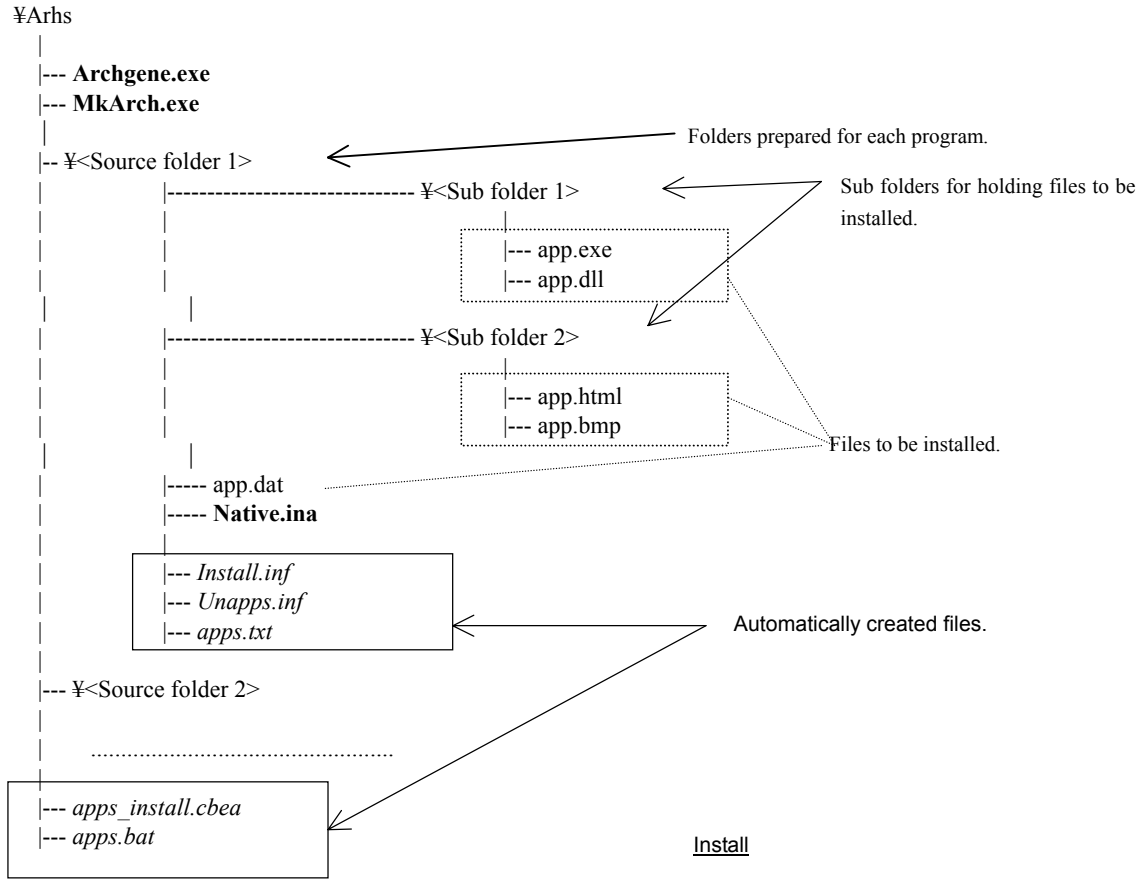
Wizard Screen 5



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3 Folder Structure

Folder structure is shown below.



In the folder that contains MkArch.exe and Archgene.exe, create a source folder for each program (application) to be installed and hold in it the files to be installed.

You can create **one subfolder level** in the source folder. However, even if you do create a lower level it will not be properly reflected.

Therefore, although you can create multiple subfolders to group the files to be installed, be careful to not duplicate file names.

Additionally, "**Native.ina**" will be included in the files that the user prepares and installs.

Based on setting details and the files to be installed, Archgene.exe will automatically create required files in each program folder and in its own folder.

Archive files (.cbea) will be created in the same hierarchical level as Archgene.exe.

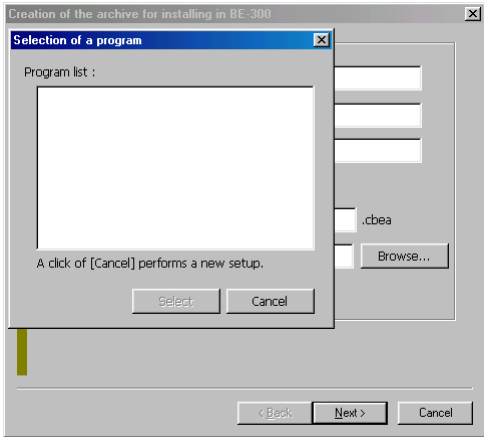
Additionally, if you choose to create 'Setup.ini' at the same time, it will be created in the same hierarchical level as Archgene.exe. Since the file name is fixed, if 'Setup.ini' is created with other settings, this one will be overwritten.

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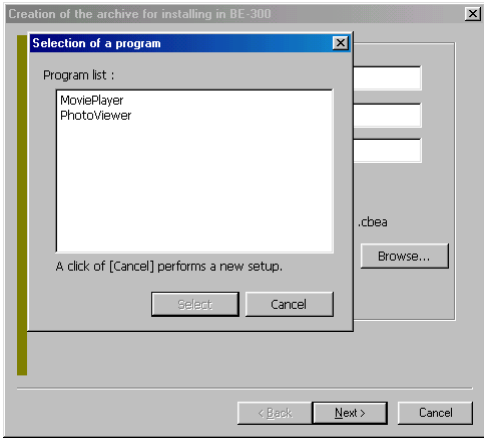
4 Wizard Screen 1

4.1 Program Selection Screen

First select a program on Wizard Screen 1. The program is a name attached to each install module. After settings have been made, you can call them up by simply selecting the program name on this screen.



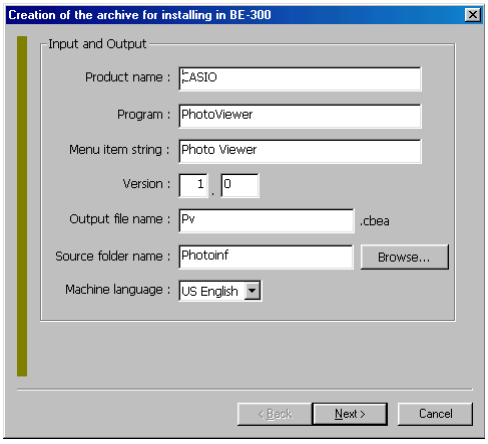
If no settings have been made nothing will be displayed on the list. Click [Cancel] to make a new setting.



If settings have been made previously the program names will be displayed here. To modify a setting select the name of the program you want to modify and click [Select]. To make a new setting click [Cancel].

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4.2 Wizard Screen



In each box type values that fit the program you are installing.

After typing all of the values, click [Next].

Clicking [Cancel] will discard any editing.

■Product name

Type the developer's company name, etc.

■Program

Type the program (application) name.

■Menu item string

Type the character string that will be displayed in the Top Menu. This can be different than the program name.

■Version

Type the version number in the two boxes (minimum 1.0). This will have an affect when installing in the main unit.

■Output file name

Type the name of the archive file to be created. Do not add an extension.

■Source folder name

For each program type the name of the folder that will hold the files to be installed.

You can also click [Browse] which will bring up a list of folders you can select from.

(See 3-3. Source Folder Selection Screen)

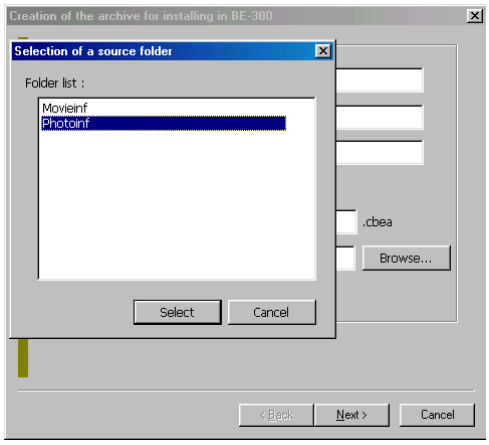
■Machine Language

Select "US English" for BE-300.

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4.3 Source Folder Selection Screen

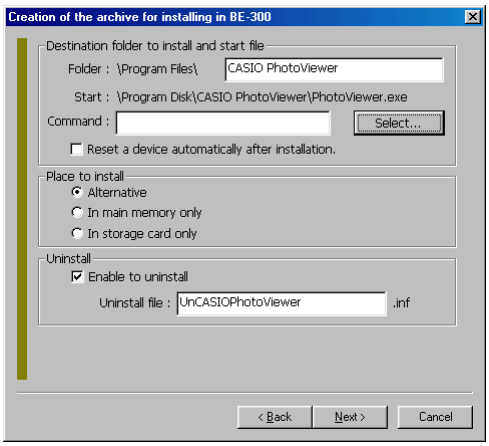
This displays a list of the folders (install module folders) that are in the folder that contains Archgene.exe. If you select a folder and click [Select] it will be input as the Source folder name.



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5 Wizard Screen 2

5.1 Wizard Screen



In each box type values that fit the program you are installing.

After typing all of the values, click [Next].

Click [Back] to return to the previous screen.

Clicking [Cancel] will discard any editing.

“Destination folder to install and start file” group box.

■Folder

Specifies the device side folder (application folder). <Product Name> + <Program> is set as an initial value. Although you can change this name, make certain that it does not conflict with other applications. The application will be installed in this folder.

■Start

Specifies the executable file (.exe) to be run from the Top Menu. If you click [Select] you will be able to choose from a list of the executable files (.exe) that are in the source folder. If there is only one executable file in the source folder this will automatically specify it. If multiple files exist this will specify the first one it finds; if necessary change it.

(See 4-2. Executable File Selection Screen)

■Command

Type the character string that you want to pass as command line parameters when the executable file is run from the Top Menu. Leave this blank for applications that do not require parameters.

■Reset a device automatically after installation

Specifies whether or not the device will be automatically reset after installation.

It recommends always resetting.

“Place to install” group box.

Specifies where the application will be installed (main unit / card). If either is possible check “Alternative”.

“Uninstall” group box

■Enable to uninstall

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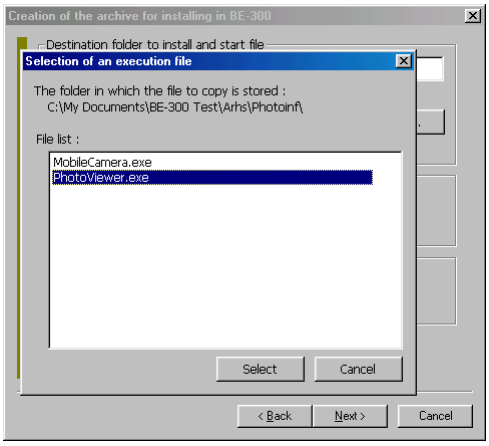
Placing a check here makes uninstall possible.

■Uninstall file

Specifies the name of the file to which will be written information used when uninstall is performed. The initial value is set to “Un” + <Product Name> + <Program>. Although you can change this name, make certain that it does not conflict with other applications. Do not specify the extension.

5.2 Executable File Selection Screen

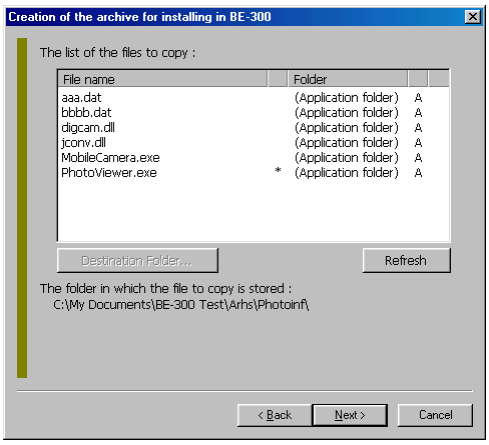
This displays a list of the executable files (.exe) that are in the source folder. Select a file and click [Select].



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6 Wizard Screen 3

6.1 Wizard Screen



Set according to the program you are installing and click [Next].

Click [Back] to return to the previous screen.

Clicking [Cancel] will discard any editing.

Displays a list of files to copy to the device (ordered by name or extension).

When new settings are made, files in the source folder are automatically displayed. However, **files with extensions .inf and .txt cannot be included as install files.**

Normally files are installed in the application folder. If there are files that you want to install in another folder, you can first select them (multiple selection is possible), and then click [Destination folder] to select a destination folder.

(See 5-2. Folder Selection Screen)

However, files with .exe and .dll extensions must be installed in the application folder.

If, after the setting is saved, either the names of files to be installed in the source folder are changed, or the number of files to be installed changes, click [Refresh] to reacquire the files in the source folder (this will not be changed automatically). However, because install destination folder specification will also return to initial status after reacquiring, you must specify install destination folders for individual files.

"*" in the display list indicates the executable file that will be run from the Top Menu.

When you reacquire, checks will be made for the presence of Native.ina and for duplicate file names, and a warning message will appear when required.

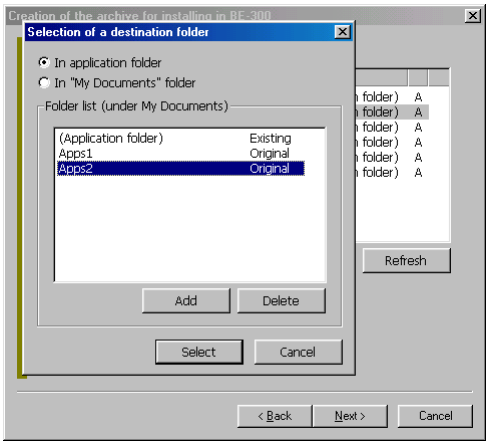
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6.2 Folder Selection Screen

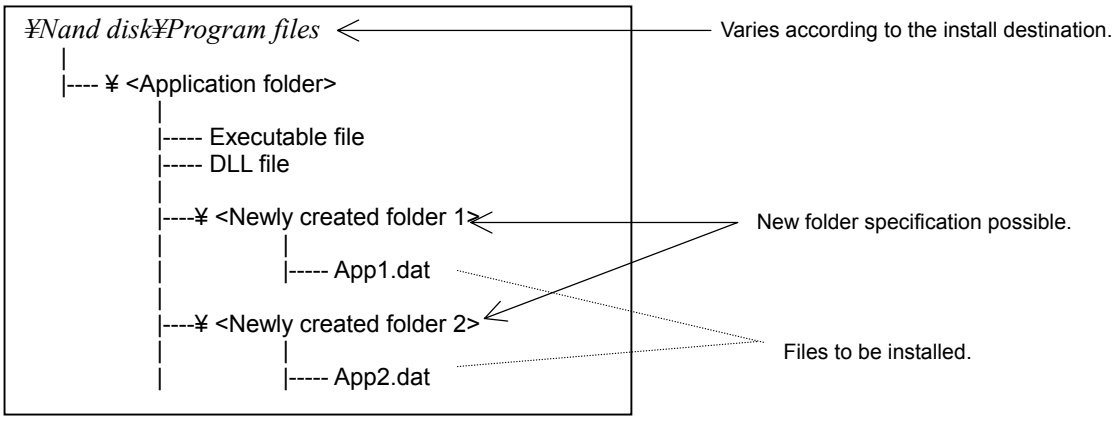
The only folders you can specify as install destinations are the application folder, a newly created folder directly below the application folder, an existing folder directly below “My Documents”, or a newly created folder directly below “My Documents”.

■In application folder

This displays a list of the folders that are in the application folder.

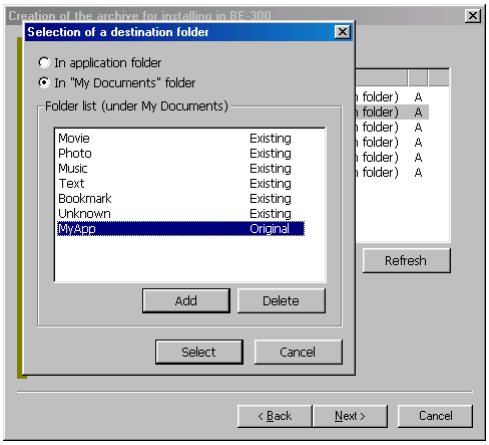


Select a folder and click [Select].



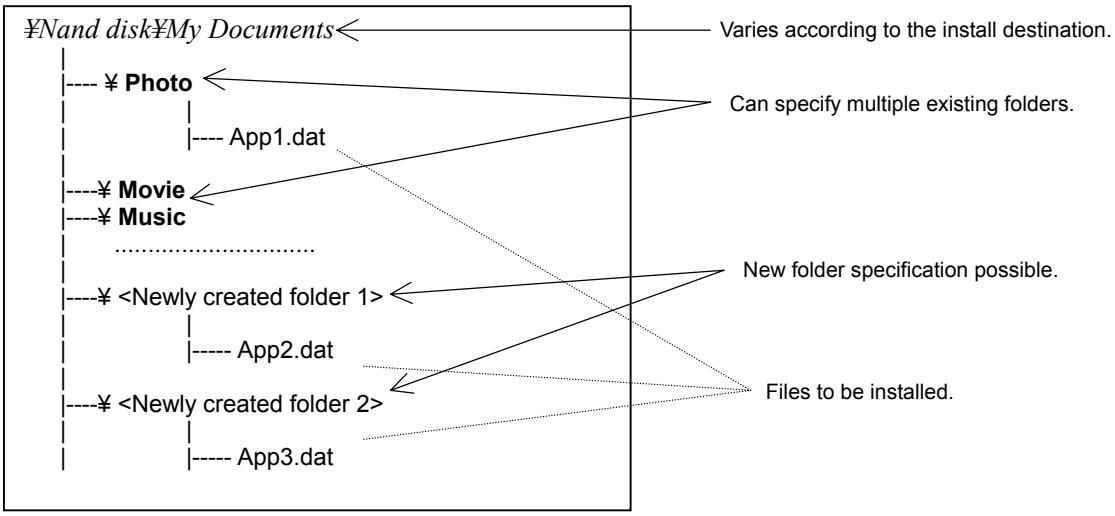
■In “My Documents” folder

This displays a list of the folders that are in “My Documents”.



Select a folder and click [Select].

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■Creating, renaming, and deleting folders

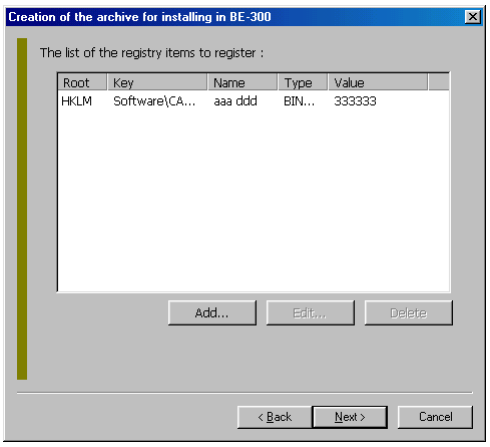
To create an original folder click [Add] and rename the provisionally named folder (“New Folder”). To delete an original folder select the folder and click [Delete]. To rename, hold in position for a while to initiate edit mode after which you can rename.

However, the results of original file renaming, deletion, etc done from this screen will not automatically be reflected in the display list.

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7 Wizard Screen 4

7.1 Wizard Screen



Set according to the program you are installing and click [Next].

Click [Back] to return to the previous screen.

Clicking [Cancel] will discard any editing.

This displays registry entries (ordered by root key or sub key).

When installing, if a registry entry is required in the device, registry entry details are set from this page.

Click [Add] for a new entry.

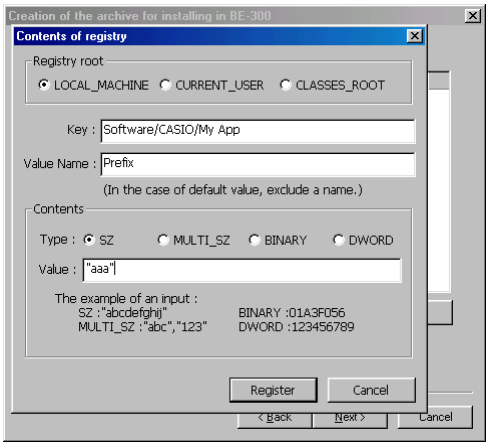
You can edit an item by selecting it and clicking [Edit].

You can delete an item by selecting it and clicking [Delete].

(See 6-2. Registry Content Setting Screen)

7.2 Registry Content Setting Screen

Type a value and click [Register]. Clicking [Cancel] will discard what you have typed.



“Registry Root” group box.

Specifies the registry root.

■Key

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Type registry keys (maximum 15 levels).

■Value name

Type value names. If you want the default value do not type a name.

“Contents” group box

■Type

Specifies the type of value.

■Value

Input values.

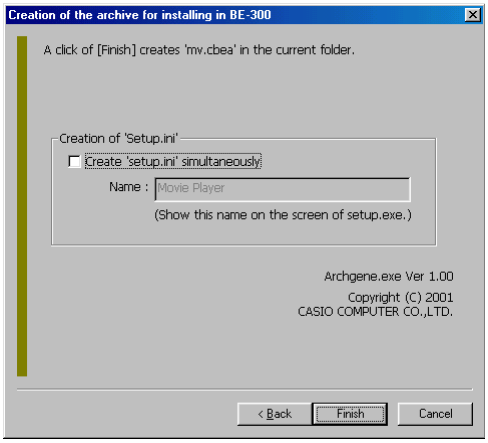
An input example follows.

Type	Input example	Comment
SZ	“abc”	Enclose character string in “ ”. Use maximum 255 characters.
MULTI_SZ	“abc”, “123”	Use ‘,’ to separate character strings enclosed by “ ”
BINARY	0102F32B59	One byte is represented by 2 hexadecimal characters. Use maximum 32 bytes.
DWORD	123456789	Specify in decimal format. -2147483648-2147483647

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8 Wizard Screen 5

8.1 Wizard Screen



Clicking [Finish] saves settings and outputs files.

Clicking [Cancel] will discard any editing.

“Creation of ‘Setup.ini’” group box

Specifies ‘Setup.ini’ creation.

■Create ‘Setup.ini’ simultaneously

Check this to create Setup.ini at the same time archive files are created.

■Name

Specifies the program name to be displayed on the Setup.exe screen. The default is the same as the content of “Menu Item String” in the first screen. Edit if necessary.

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