

Service Information

SOFTWARE PRODUCT : P-Tool
VERSION : from 1.08STD R1.000 to before 1.24STD R1.000
See Version Note below.
CLASSIFICATION : Installation / Operation

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P-Tool private characters installation procedure

This document describes how to install private character files used to display “package polarity” icons used in the P-Tool Visual Editor.

Version Note

From version 1.24STD R1.000, setup.exe file for installing private characters to P-Tool is provided in the P-Tool installation CD. If you use the setup.exe file, you don't have to perform the installation procedure herein. The setup.exe file is also available for earlier versions than 1.24STD R1.000.

Warnings

- This document is designed for customers who intend to learn the use of P-Tool.
- Make sure to use this document under the instruction of those who completed the maintenance training or YAMAHA service personnel.
- YAMAHA is not responsible for any problems caused by the misuse of the document.
- Make sure to thoroughly understand the contents of the document, and follow the instructions on your own responsibility.

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1 Required items

Prepare the following items:

- P-Tool installation CD (contains private character files for the Visual Editor)
- If your P-Tool runs on an English version Windows XP computer, prepare the Windows XP installation CD.

2 Before installing the private character files

2.1 Required conditions

- You logged on to the Windows computer with an Administrative account.
- The P-Tool installation CD is at your disposal.
The required font files “EUDC.EUF” and “EUDC.TTE” are located in “\Support\VisualEditor\EUDC” of the installation CD.
- You started your computer but are yet to start the private character editor nor any application that uses private characters. If you have started any of them, restart your computer.
- If you have registered your own private characters, you need to back up the existing private character files beforehand as described later on. Otherwise, you cannot restore your private characters afterward. The private characters used for the Visual Editor are to be assigned to E000 through E19F of the Unicode Standard (Unicode is a worldwide character-encoding standard.). Thus you are to re-assign your existing characters to other than those codes.

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2.2 Create a desktop shortcut to the private character editor

You need to open the private character editor to check the status of your private character registration. If the [Private character editor] program is not found in the Start menus ([Start] > [Programs] > [Accessories]), create a desktop shortcut as follows:

Step 1 Open the Folder Options dialog box in either way:

- Open an Windows Explorer window. Click [Tools] > [Folder Options].
- From [Control Panel], select [Folder Options].

Step 2 In the Folder Options dialog box, open the [View] tab.

Step 3 Under [Advanced settings], uncheck “Hide extensions for known file types”.

Step 4 Click the [Apply to All Folders] button (the actual button name might differ) above [Advanced settings]. Then click the [OK] button.

Step 5 In an Explorer window, display “c:\Windows\system32”

Step 6 Under “system32”, right-click “eudcedit.exe” to display its drop-down menu. Select [Send To] > [Desktop (create shortcut)].

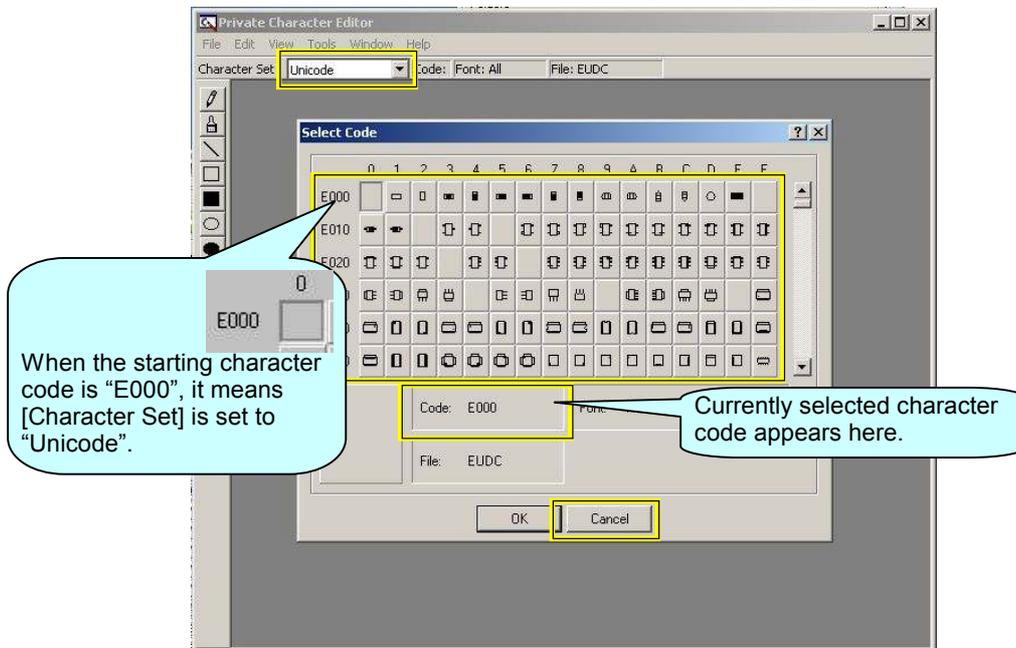
Step 7 Rename the created desktop shortcut “PrivateCharacterEditor”.

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2.3 Check the registration status of the Private Character Editor

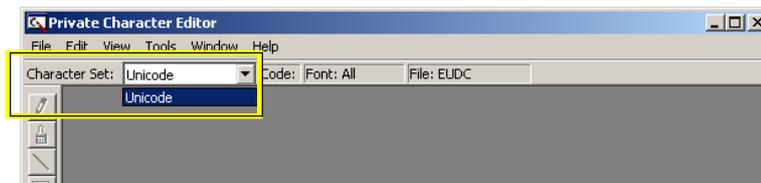
Step 1 Start the Private Character Editor.

From the [Start] menu at the lower left corner of the screen, select [Programs] > [Accessories] > [Private Character Editor]. If you created a desktop shortcut in “2.2 Create a desktop shortcut to the private character editor” on page 3, you can also start the Private Character Editor by double-clicking the icon.



Step 2 Click the [Cancel] button to close the Select Code dialog box.

Step 3 Check that [Character Set] at the upper left part of Private Character Editor is set to “Unicode”. If not, select “Unicode” from the drop-down list of [Character Set].

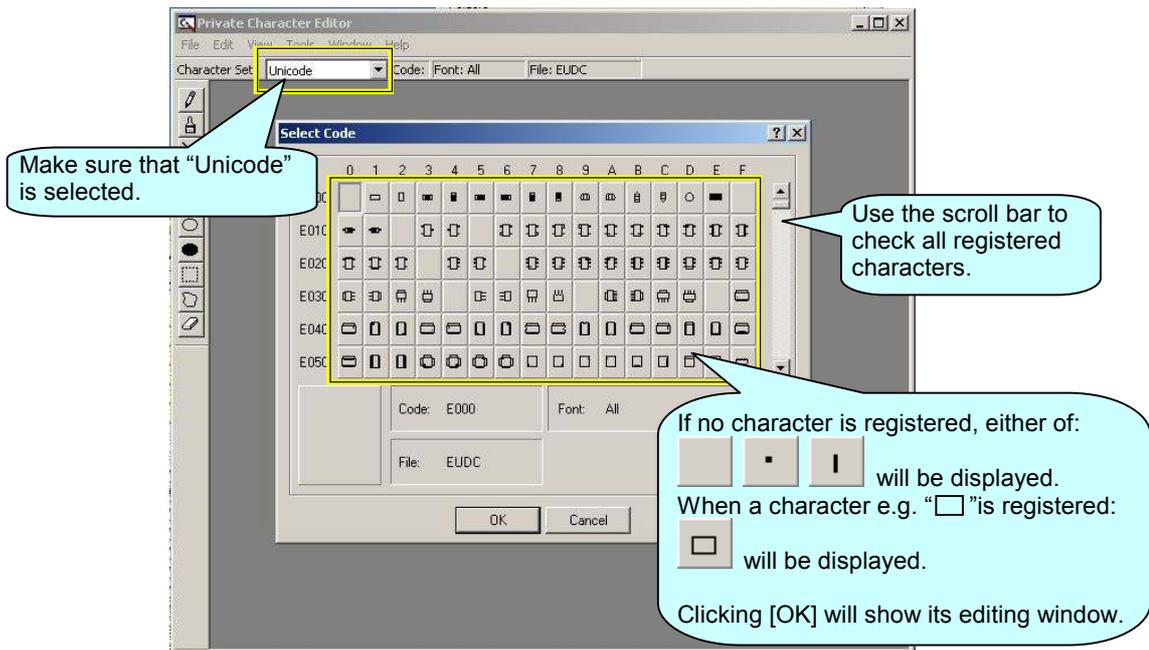


Step 4 Select [Edit] > [Select Code] from the menu bar. The Select Code dialog box reappears.



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Step 5 When private characters for P-Tool are registered, the screen should look like below:



Note

To scroll up and down the characters list, use the scroll bar and do not use your mouse's scroll wheel. Use of the scroll wheel will disable the scroll bar. If the scroll bar is disabled, click the [Cancel] button to close the dialog box and reopen by selecting [Edit] > [Select Code].

Step 6 Check the code of registered private characters.

If you have private characters registered in the editor, record their codes for later re-registration. If your private characters have been assigned to code E000-E19F which are to be used for P-Tool, you need to reregister those characters at other than E000-E19F.

Step 7 Restart the computer.

Tip

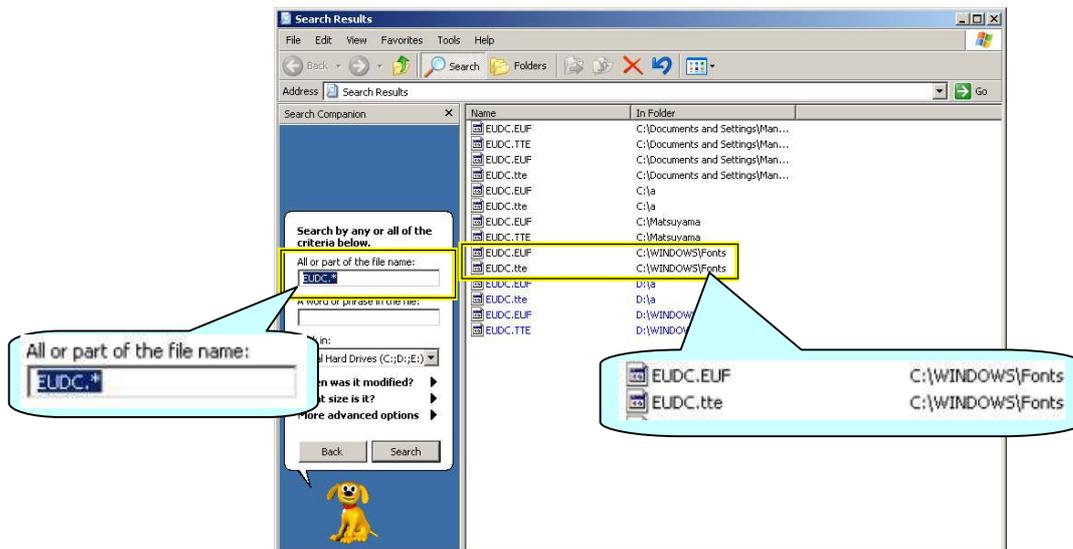
When you start the Private Character Editor, "EUDC.TTE" becomes busy and you may not be able to delete or copy "EUDC.TTE" in the later procedure. Therefore you need to restart the computer.

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2.4 Back up the private character files with Windows Explorer

When you copy the private character files to your computer, existing private characters in your computer might be lost. To be prepared for this, back up the existing private character files. If no private characters are registered in your computer or you don't use them at all, backup procedure is not necessary.

- Step 1** From the [Start] menu, select [Search] > [For Files or Folders].
In some operation systems, the Search application can be accessed directly from the [Start] menu.
- Step 2** Enter "EUDC.*" in the [All or part of the file name] field. Then click the [Search] button.
- Step 3** "EUDC.EUF" and "EUDC.TTE" are located in C:\WINDOWS\Fonts.



Note

"EUDC.EUF" and "EUDC.TTE" files may not exist in some computers where the files have been deleted or no private characters have been registered. If this is the case the backup procedure is unnecessary.

- Step 4** Copy "EUDC.EUF" and "EUDC.TTE" to another folder as backup files.
- Step 5** Restart the computer.

Note

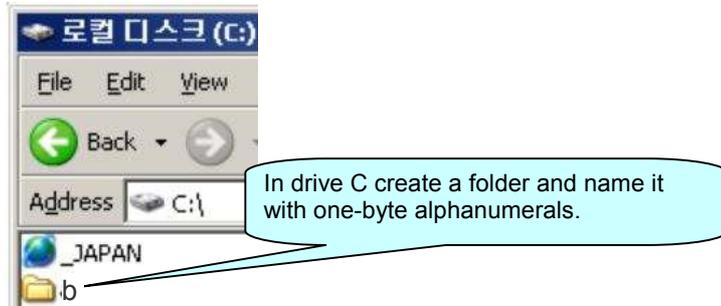
If you cannot back up the private character files using Windows Explorer, use Command Prompt as shown in the following section.

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2.5 Back up the private character files using Command Prompt

Use the procedure below when you cannot back up the private character files with Windows Explorer as described in “2.4 Back up the private character files with Windows Explorer” on page 6.

Step 1 Create a folder in drive C and name the folder with one-byte alphanumerals.



Step 2 Click the [Start] menu at the lower left corner of the screen.

Step 3 Select [Programs] > [Accessories] > [Command Prompt].

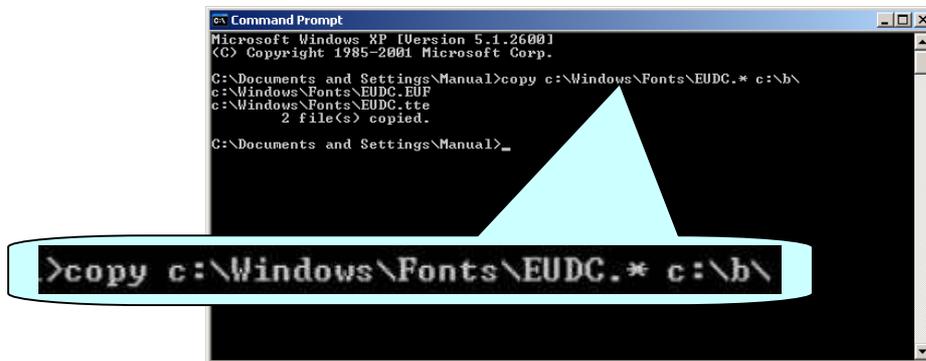
If [Command Prompt] is not found, select [Start] > [Run], then enter “cmd” in the provided field. The Command Prompt will start.

Step 4 Type in at the cursor as follows to execute copying:

```
copy c:\Windows\Fonts\EUDC.* c:\b\
```

Note5

- “b”: Enter the folder name specified in step 1 above (“b” is an example).
- “*”: Enter an asterisk (*).
- “ ”: Enter a space.



Step 5 The following text lines appear to indicate that two files have been copied.

```
c:\Windows\Fonts\EUDC.EUF
c:\Windows\Fonts\EUDC.tte
2 file(s) copied.
```

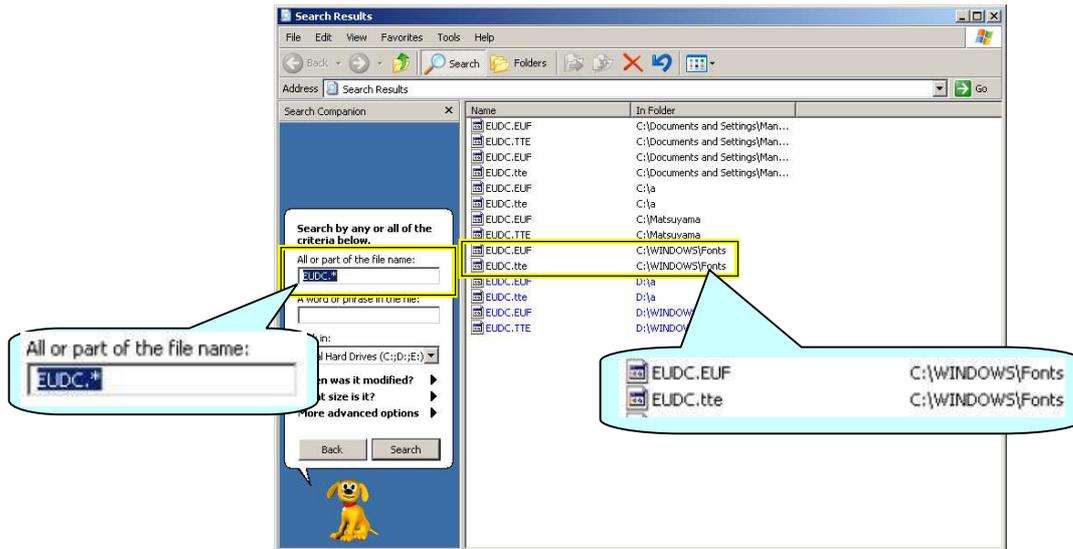
Step 6 Restart the computer.

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2.6 Delete the existing private character files

Before copying the private character files to the computer, you need to once delete the existing private character files in the computer. Otherwise, overwriting or copying process may fail.

- Step 1** From the [Start] menu, select [Search] > [For Files or Folders].
In some operation systems, the Search application can be accessed directly from the [Start] menu.
- Step 2** Enter “EUDC.*” in the [All or part of the file name] field. Then click the [Search] button.
- Step 3** “EUDC.EUF” and “EUDC.TTE” are located in C:\WINDOWS\Fonts.



- Step 4** Delete only “EUDC.EUF” and “EUDC.TTE” under C:\WINDOWS\Fonts.
- Step 5** If you cannot delete “EUDC.EUF” and/or “EUDC.TTE” with such an error message as the file is in use, rename the file(s) in the above Search Results window. You may still not be able to delete the file(s) after renaming, but you don’t have to delete them. After you copy private character files to the computer, you can delete the renamed file(s).



- Step 6** Restart the computer.

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3 Install the private character files

Copy the private character files from the P-Tool installation CD (\Support\VisualEditor\EUDC) to the computer.

You cannot copy “EUDC.EUF” and “EUDC.TTE” to the computer using Windows’ normal copy and paste operation. You must use Command Prompt instead.

Step 1 Click the [Start] menu at the lower left corner of the screen.

Step 2 Select [Programs] > [Accessories] > [Command Prompt].

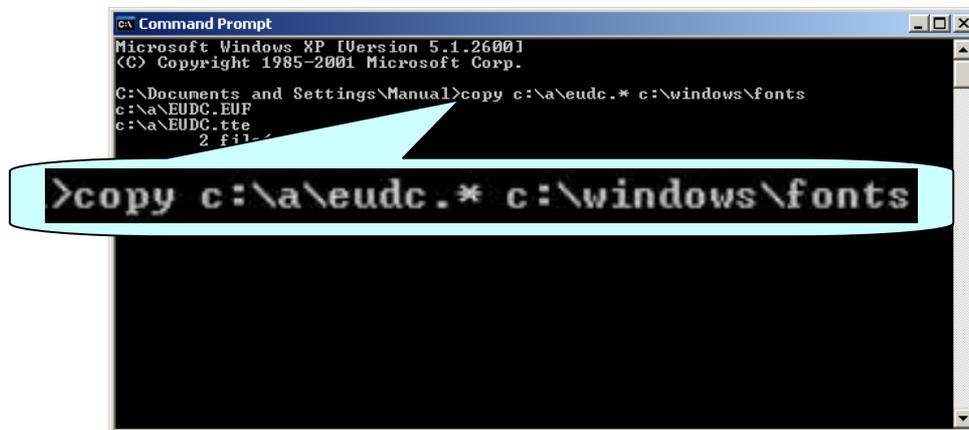
If [Command Prompt] is not found, select [Start] > [Run], then enter “cmd” in the provided field. The Command Prompt will start.

Step 3 Type in at the cursor as follows to execute copying:

```
copy (network path to the files to be copied)\EUDC.* c:\Windows\Fonts
```

Note

- “*”: Enter an asterisk (*).
- “ ”: Enter a space.



Step 4 The following text lines appear to indicate that two files have been copied.

```
c:\a\EUDC.EUF
c:\a\EUDC.tte
2 file(s) copied.
```

Step 5 Restart the computer.

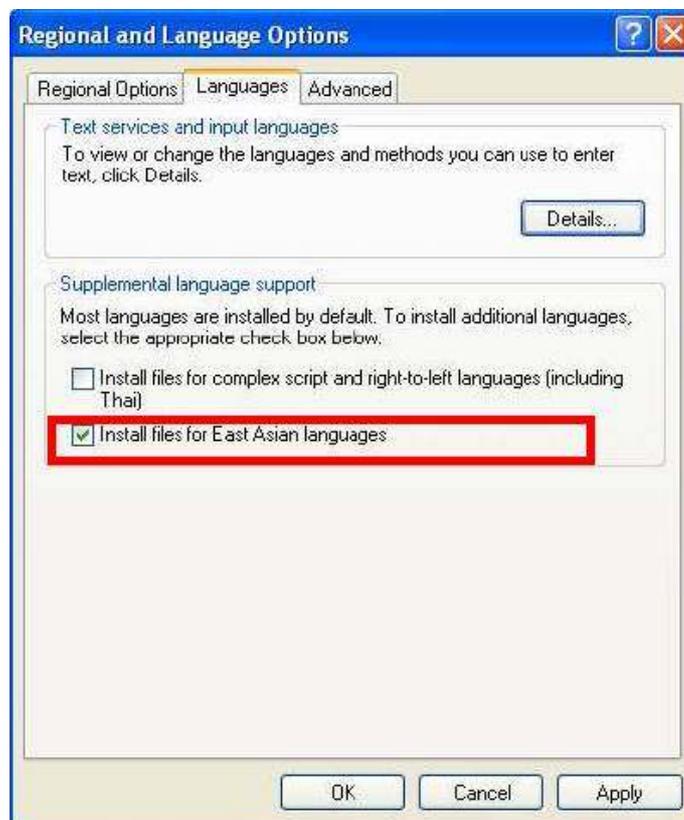
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4 Procedure after installing the private character files

4.1 Install East Asian languages (only for Windows XP English version)

In use of Windows XP English version, to enable the private characters to be displayed properly, you may need to change Windows' language setting. To change the setting, the Windows XP installation CD may be required.

- Step 1** Open [Control Panel].
- Step 2** Double-click [Date, Time, Language, and Regional Options]. If this icon is not shown, proceed to step 3.
- Step 3** Double-click [Regional and Language Options] to open its dialog box.
- Step 4** Click the "Languages" tab.
- Step 5** Tick "Install files for East Asian languages".



- Step 6** Install East Asian language files including Chinese, Japanese, and Korean to the computer. The computer may prompt you to insert the Windows XP installation CD in the CD drive. In this case, follow the instruction. Click [OK] or [Apply] to execute installation.
- Step 7** Restart the computer.

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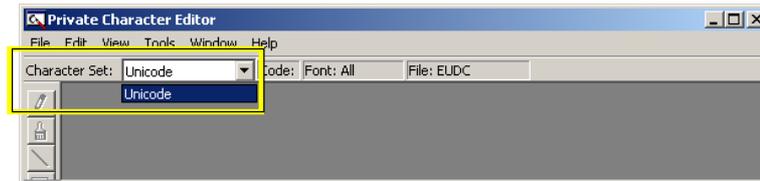
4.2 Link the private character files with your font library

Link the copied private character files with your font library. Also check that the private characters have been registered properly using the private character editor.

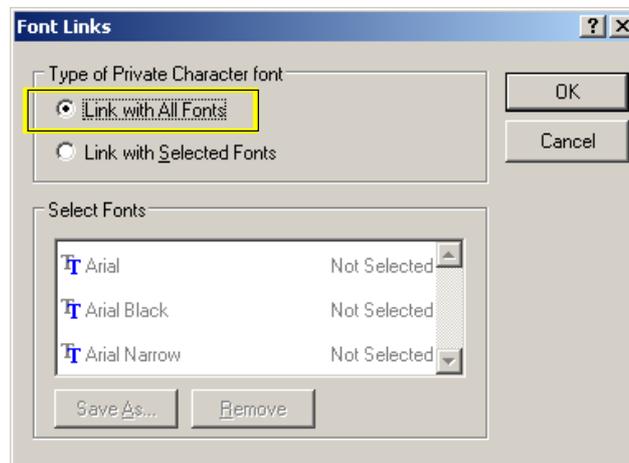
Step 1 Start the private character editor.

Step 2 The Select Code dialog box appears. Click the [Cancel] button to close the dialog box.

Step 3 Select “Unicode” from the drop-down list of [Character Set].



Step 4 Select [File] > [Font Links] to open the Font Links dialog box.



Step 5 Under [Type of private Character font], select “Link with All Fonts”. Click the [OK] button.

Step 6 Select [Edit] > [Select Code] to open the Select Code dialog box.

Step 7 Make sure that private characters you copied appear in the dialog box from “E000”.

4.3 If you fail to copy the private character files...

If no component package icons but instead “•”, “|” or spaces are shown in the P-Tool Visual Editor and/or the private character editor, you may have failed in copying the private character files. In this case start over from “2.6 Delete the existing private character files” on page 8.

4.4 Reregister the backed up private characters

Where appropriate reregister the backed up private characters to other codes than “E000-E19F” using the private character editor.