PiXCL Runtime EXE builder

When you want to create a Runtime EXE from your PiXCL source code, The builder Wizard creates the dialog shown below. Note that the Browse EXE and Make buttons are disabled initially.

Selecting the available PiXCL44 interpreter.

The Wizard checks in the PiXCL installation directory for the available PiXCL interpreters. The default is PiXCL44.exe which requires the MSVCRT*.DLL runtime libraries to be installed. PiXCL44cd.exe (if supplied) is a different build that is about 40KB bigger than PiXCL44.exe, and is designed to run standalone from CD-ROM.

👬 PiXCL v4.40 Runtime Builder Wizard	×
 Select the Application Type PiXCL Runtime using MSVCRT*DLL. Final EXE file size will be about 40 KB smaller. PiXCL Runtime for standalone CD_ROM operation. C runtime is statically linked. 	<u>M</u> ake <u>C</u> ancel <u>H</u> elp
	Browse <u>P</u> XL
	Browse E <u>X</u> E

If either of the PiXCL interpreters are not found, the radio button is disabled, as shown above. If neither of the interpreters are located, a message box will inform you to locate or reload PiXCL.

Browsing for the PXL source and the Runtime EXE name

Making the Runtime EXE

Patching the Runtime EXE window style

Browsing for the PXL source and the Runtime EXE name

You can select the name of the PXL source file by either clicking the Browse button, which starts the search in the current working directory, or by typing in the name, or by pasting from the clipboard.

If you use the Browse button, a default runtime EXE name is generated automatically, as shown below. You can either Browse for the EXE name, or type it in the edit control, or paste from the clipboard.

👬 PiXCL v4.40 Runtime Builder Wizard	×
 Select the Application Type PiXCL Runtime using MSVCRT*DLL. Final EXE file size will be about 40 KB smaller. PiXCL Runtime for standalone CD_ROM operation. C runtime is statically linked. 	<u>M</u> ake <u>C</u> ancel <u>H</u> elp
H:\PiXCLTools\SAMPLES\Bandit.pxl	Browse <u>P</u> XL
H:\PiXCLTools\SAMPLES\Bandit.exe	Browse E <u>X</u> E

When you invoke the Runtime builder from the MDI Editor, and there is a current source document, both edit control filenames are automatically generated. You can of course always Browse for the names as described above.

Note that the Browse EXE and Make buttons are now enabled.

Making the Runtime EXE Patching the Runtime EXE window style

Making the Runtime EXE

When you click the Make button, the Wizard checks if the Runtime EXE already exists, and if it does, prompts you with the message box below.

PXL_MA	KE		×
?	The runtime .EXE file	already exists . (0∨erwrite it?
	Yes	<u>N</u> o	

If you clicked Yes in the above message box, or the Runtime EXE does not exist, it is created, and the message box below is displayed.

PXL_MA	KE 🔀	
?	Runtime EXE has been successfully created. Do want to modify the Runtime window border and icon styles ?	
	Yes <u>N</u> o	

If you don't want to modify the Runtime EXE appearance, click No, and the startup dialog appears.

<u>PiXCL Runtime EXE builder</u> Patching the Runtime EXE window style

Patching the Runtime EXE window style.

You can set the final Runtime EXE style with the optional dialog shown below.



The default style settings are indicated in the check boxes and radio buttons. Select the desired styles, and click the **Accept** button. The current Runtime EXE is then patched with the new styles, and a message box appears informing you that the changes have been made. In the rare situation that the styles cannot be set, a message box will appear explaining why this has occurred.

The **Respecify** button resets the default style settings.

The Cancel button returns the main Wizard dialog.