Tutorial 3

What to do?

Based on the installation in tutorial 2, we will let our installation associate extension .cpp to notepad, display "advertisement" dialogs to highlight the new features in our "package" and to prompt the "user" to fill out the registration card, let the "user" select a part of our "package" to install (selective install).
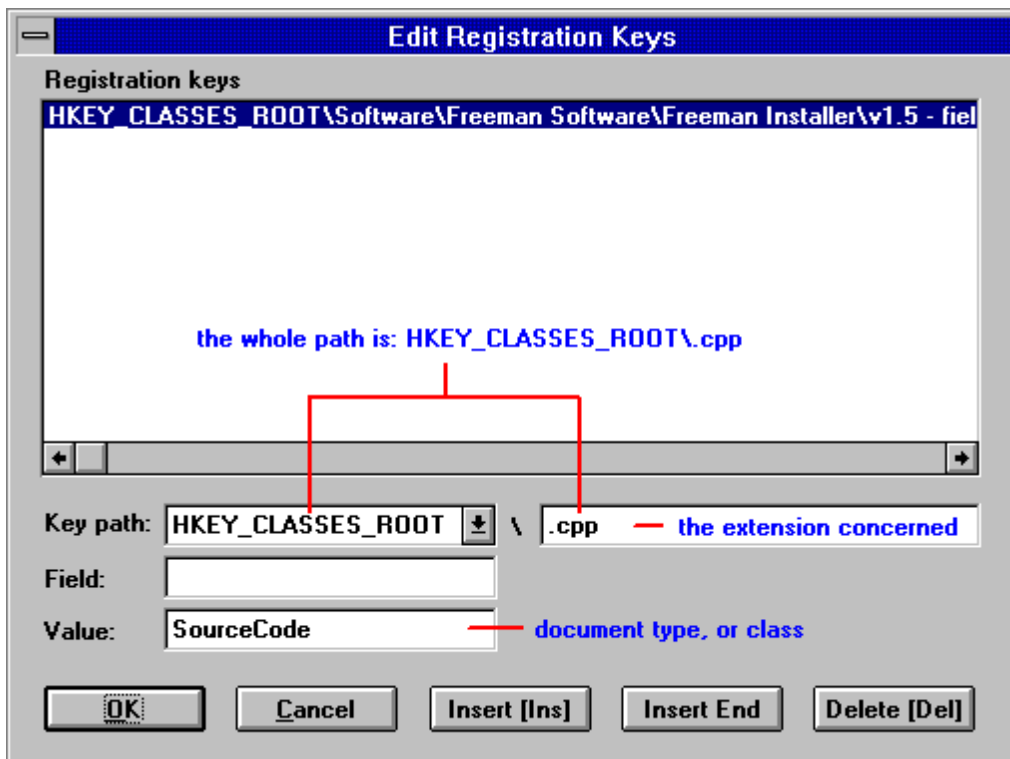
Step 1

Create dir c:\prj3 and copy c:\prj2\install.inf to c:\prj3\install.inf.
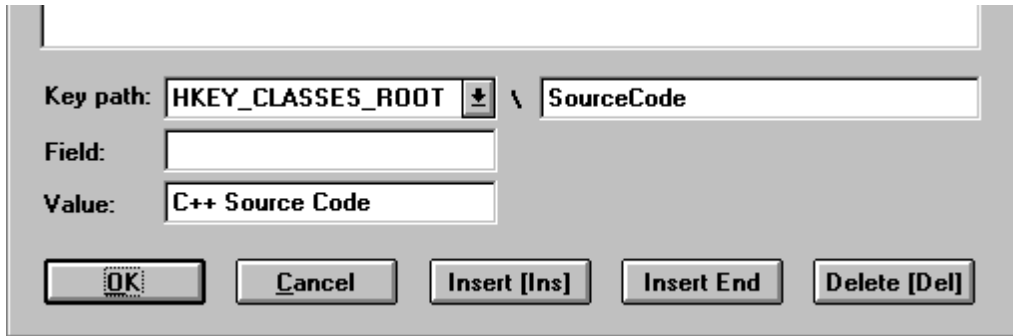
Step 2

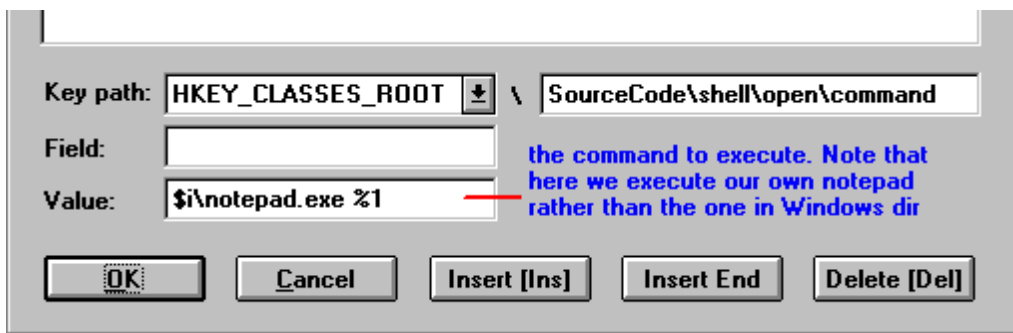Run Freeman Constructor. Load c:\prj3\install.inf.

Step 3

From the "Edit" menu, choose "Registration Keys". Create a new key and enter the data as shown below.

Create another key to decribe in more details about document type "SourceCode".

Key path:	HKEY_CLASSES_ROOT ± \	SourceCode
Field:		
Value:	C++ Source Code	

OK   Cancel   Insert [Ins]   Insert End   Delete [Del]

At last, create yet another key to specify what command to execute when a .cpp file is double-clicked on.

Key path:	HKEY_CLASSES_ROOT ± \	SourceCode\shell\open\command
Field:		**the command to execute. Note that**
Value:	$i\notepad.exe %1	**here we execute our own notepad rather than the one in Windows dir**

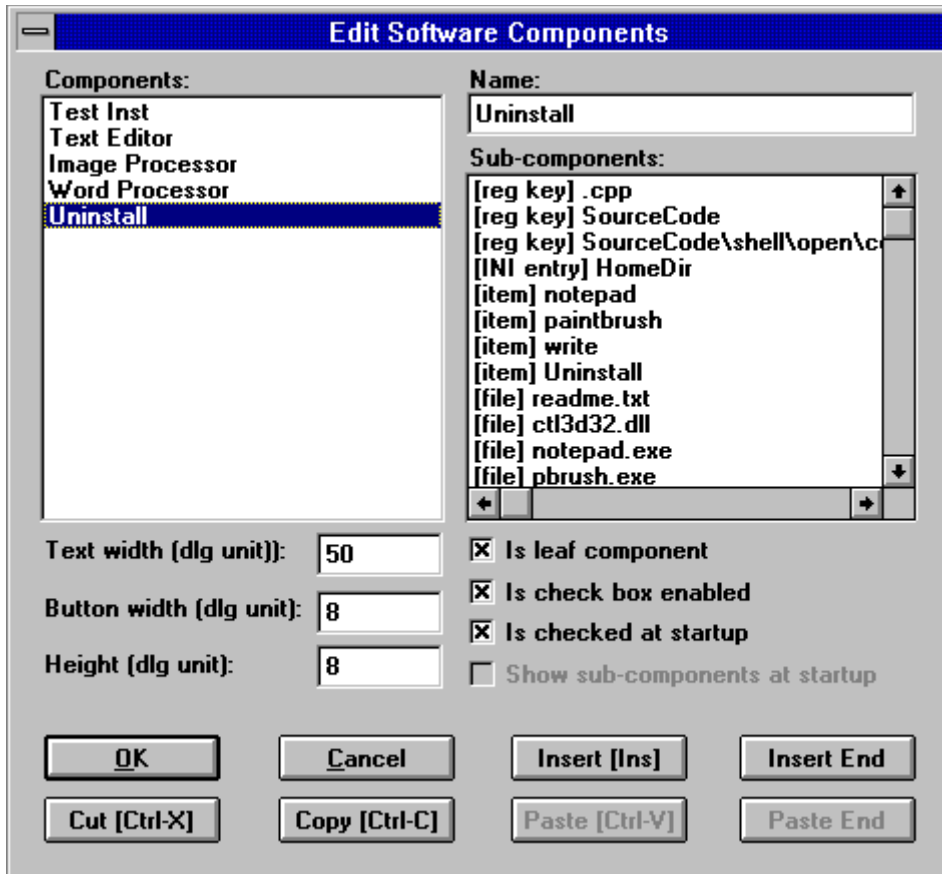OK   Cancel   Insert [Ins]   Insert End   Delete [Del]
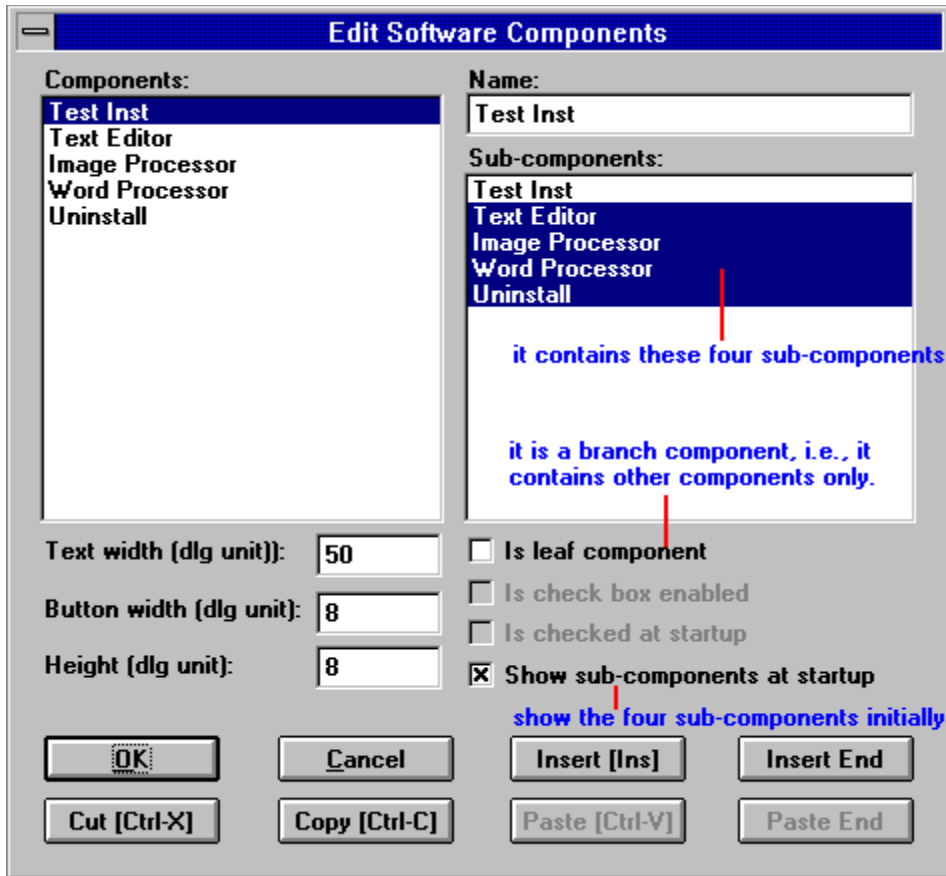
Click on "OK" button.

Step 4
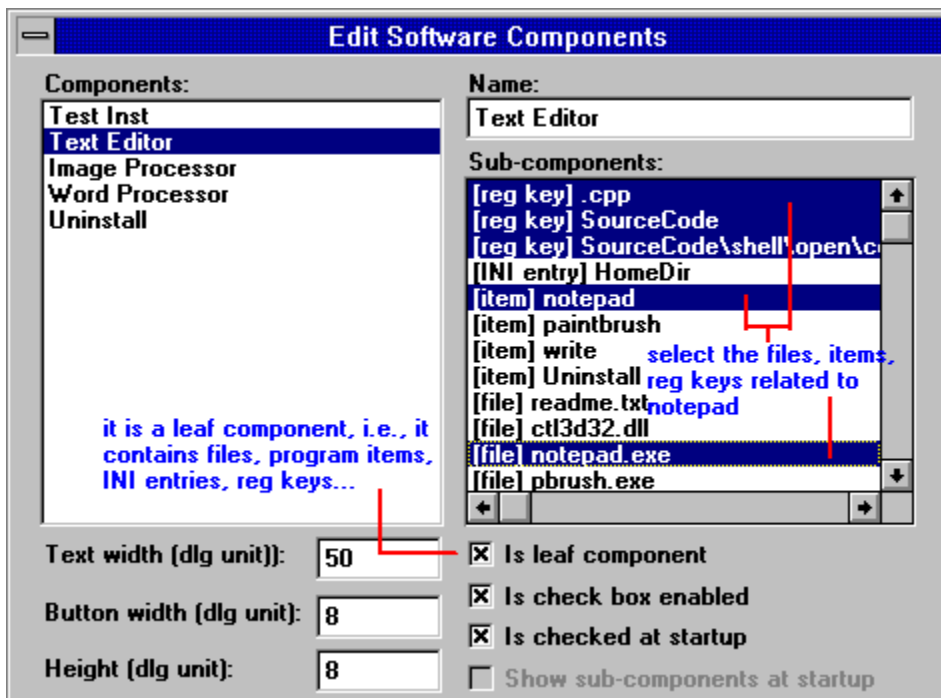From the "Edit" menu, choose "Software Components".

Create five components as shown below. Set up the names first, We will set up each component in details later.

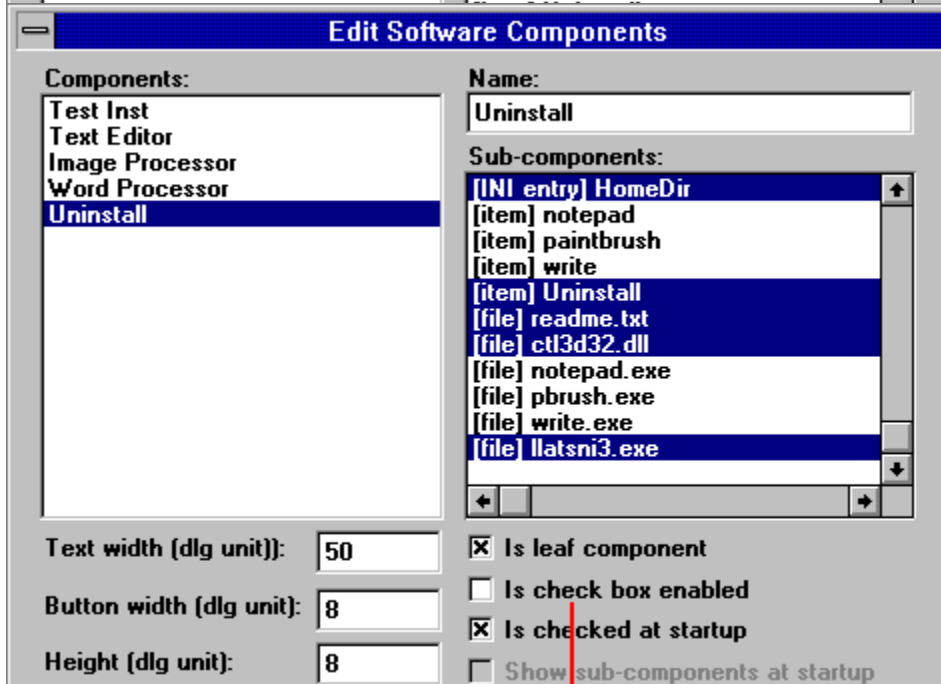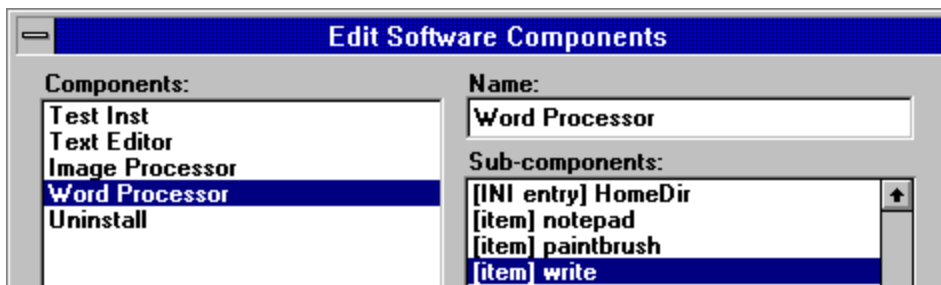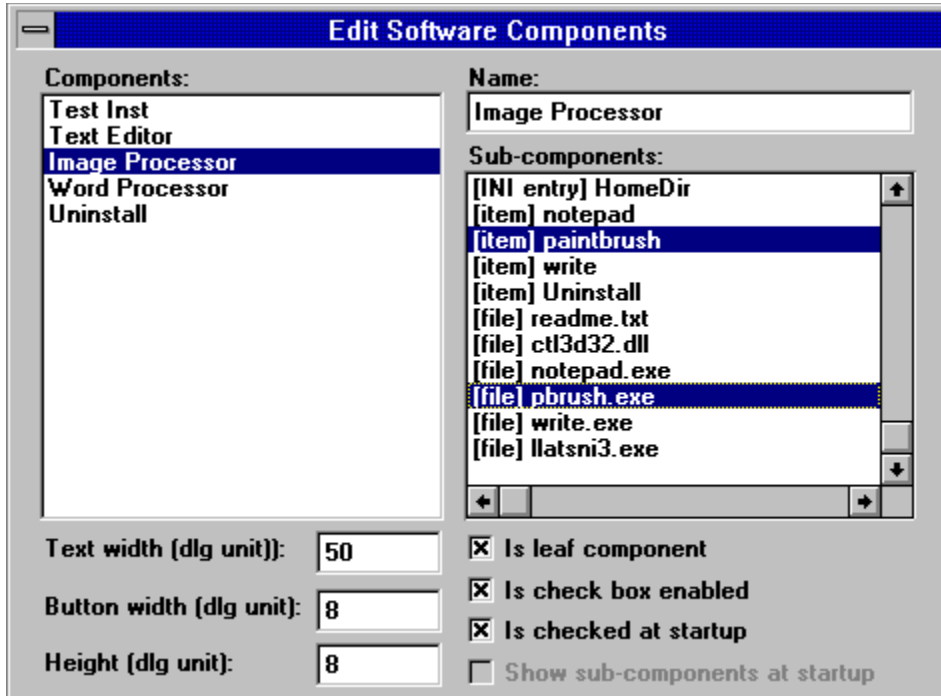Select "Test Inst", enter the data as shown below.

Edit Software Components

Components:
- Test Inst
- Text Editor
- Image Processor
- Word Processor
- Uninstall

Name:
Test Inst

Sub-components:
- Test Inst
- Text Editor
- Image Processor
- Word Processor
- Uninstall

it contains these four sub-components

it is a branch component, i.e., it contains other components only.

Text width (dlg unit)): 50
Button width (dlg unit): 8
Height (dlg unit): 8

☐ Is leaf component
☐ Is check box enabled
☐ Is checked at startup
☒ Show sub-components at startup

show the four sub-components initially

[OK] [Cancel] [Insert [Ins]] [Insert End]
[Cut [Ctrl-X]] [Copy [Ctrl-C]] [Paste [Ctrl-V]] [Paste End]

Select "Text Editor" and enter the data as shown below.

Edit Software Components

Components:
- Test Inst
- Text Editor
- Image Processor
- Word Processor
- Uninstall

Name:
Text Editor

Sub-components:
- [reg key] .cpp
- [reg key] SourceCode
- [reg key] SourceCode\shell\open\c
- [INI entry] HomeDir
- [item] notepad
- [item] paintbrush
- [item] write
- [item] Uninstall
- [file] readme.txt
- [file] ctl3d32.dll
- [file] notepad.exe
- [file] pbrush.exe

select the files, items, reg keys related to notepad

it is a leaf component, i.e., it contains files, program items, INI entries, reg keys...

Text width (dlg unit)): 50
Button width (dlg unit): 8
Height (dlg unit): 8

☒ Is leaf component
☒ Is check box enabled
☒ Is checked at startup
☐ Show sub-components at startup

note: you must include your INI entries or reg keys in at least one component. Otherwise they won't get installed at all! This is an FAQ on Freeman Installer.

Do something similar for "Image Processor", "Word Processor" and "Uninstall".

Note that we disable the check box for "Uninstall" so that the user is forced to install this part of our "package". Here also put all the files essential to our "package" such as readme.txt, ctl3d32.dll, so that no matter how the user selects the components, we will always copy readme.txt.

Click on "OK" button.

Step 5
Insert an empty disk and copy or compress the following files onto it:

c:\finstall\install.exe	a:\install.exe (or a:\setup.exe, if you prefer)
c:\finstall\fimain.exe	a:\fimain.ex_
c:\prj3\install.inf	a:\install.inf
c:\finstall\readme.txt	a:\readme.txt
d:\winnt\system32\ctl3d32.dll	a:\ctl3d32.dl_
d:\winnt\system32\notepad.exe	a:\notepad.ex_
d:\winnt\system32\pbrush.exe	a:\pbrush.ex_

Insert another empty disk and copy or compress the following files onto it:

d:\winnt\system32\write.exe	a:\write.ex_
c:\finstall\llatsni3.exe	a:\llatsni3.ex_

Done!
Now we are done and ready to "distribute" these disks to your "users". You may want to test run this installation. Especially you could go to file manager and double click on a .cpp file to see if the effect of the reg keys. To clean up the installation, just double click on the "Uninstall" program item.

What's next?
In the next tutorial, we will make our installation display "advertisement" dialogs to highlight the new features in our "package" and to prompt the "user" to fill out the registration card. Also we will for the first time to take the compilation approach to get an integrated and customized EXE to minimize the floppy disk space required.