

Content Delivery plays major role in any project, to deliver the project files one of the best way is setup files, Here am explaining some of the setup creators, which was I used earlier.

1. Install Creator
2. Inno Setup compiler
3. DCP Setup Maker

Install Creator:

Install Creator is an easy-to-install distribution tool for all levels of developer. It's designed to allow you to create installers. It supports windows only.

Install creator is available free and registered versions(Install Creator Pro).

The free version of Install Creator is fully functional for both commercial and non commercial products. Installers built with this version contain an extra page when the install is complete, linking back to Clickteam to spread the word about Install Creator.

Registered version named as install creator pro, the cost of install creator pro is \$149/-.

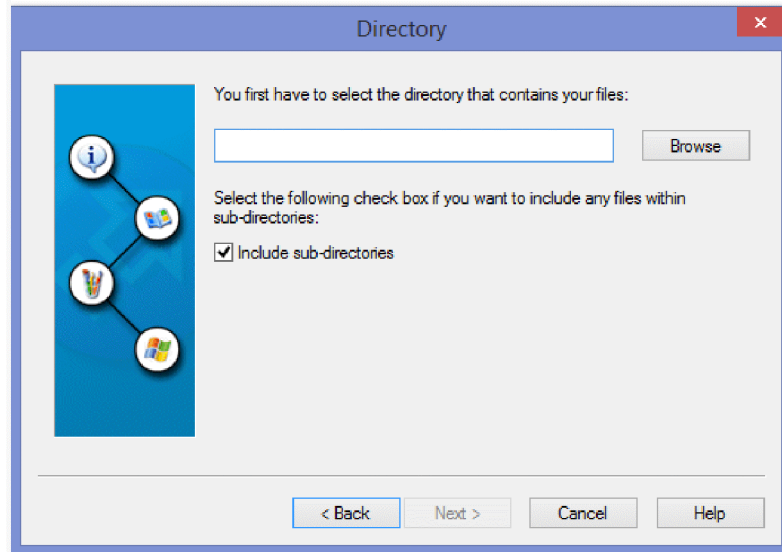
Application size 3.04MB, Steps to create installer

Step1:



When this option is checked, you can leave the Wizard. In the future when you launch Install Creator Pro, you will directly access the main interface.

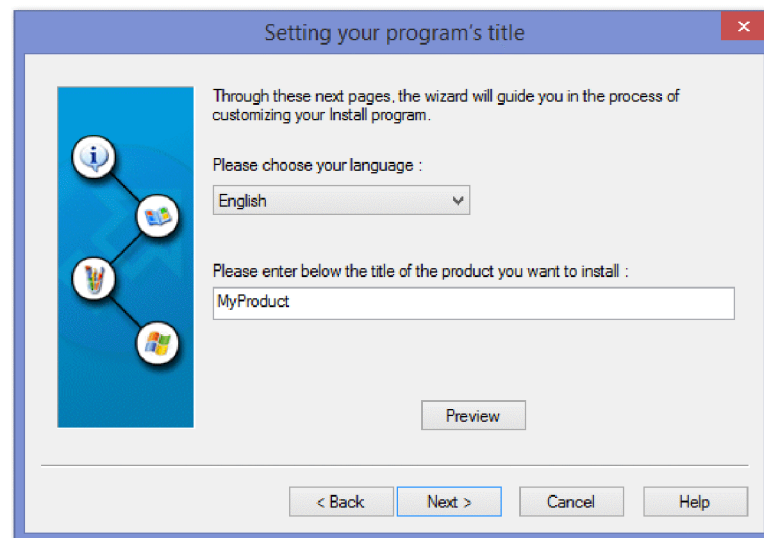
Step2:



Select a folder which folder has all installer related files/folders.

If the Include Sub-directories option is selected, all files that they contain will be included. During the installation, these sub-directories will be recreated relative to the installation directory.

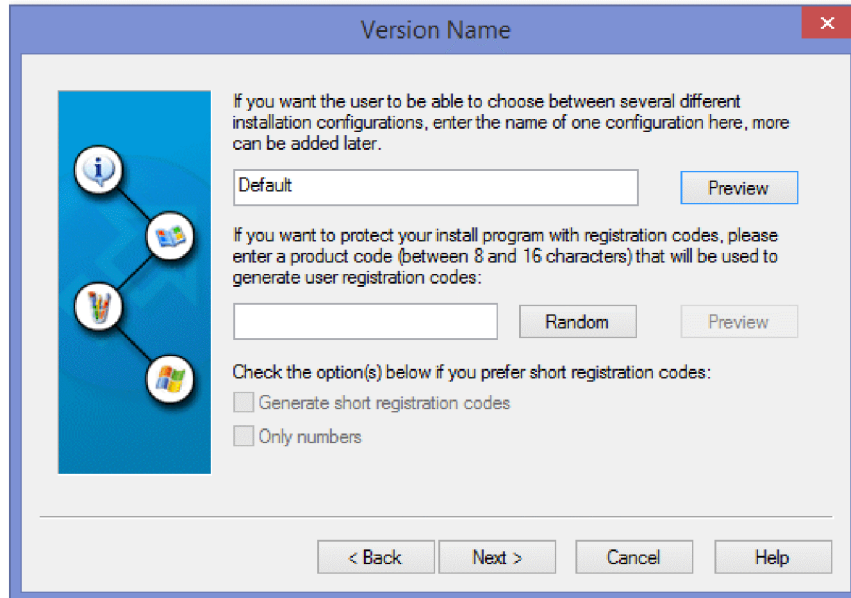
Step3:



Language allows you to choose the default language for the installation text.

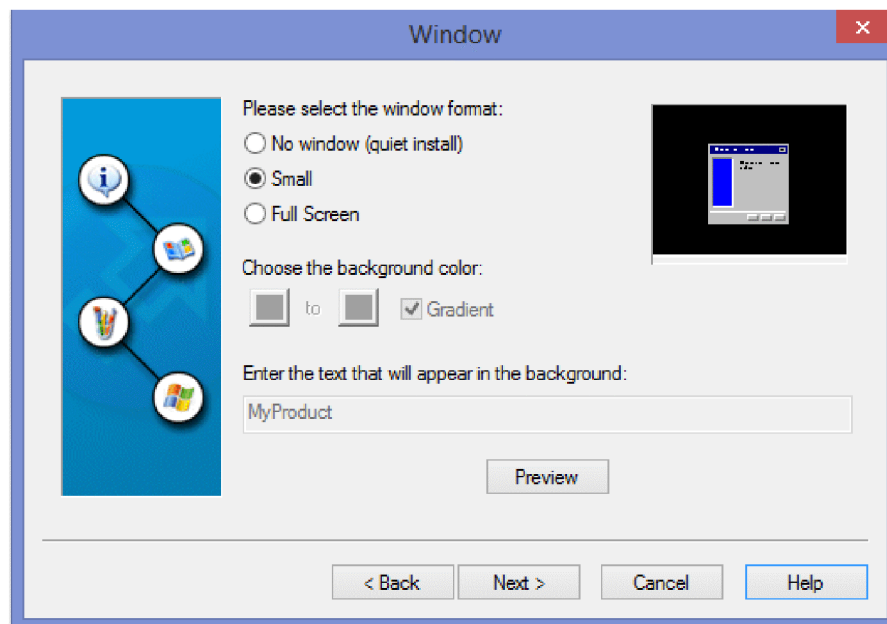
The name of your product that will be used by default in all texts, replacing the macro #title.

Step4:



Install Creator Pro allows you to include several versions (or configurations) into your install program. The user can choose the configuration s/he wants to install in the Choose Version screen of your install program.

Step5:

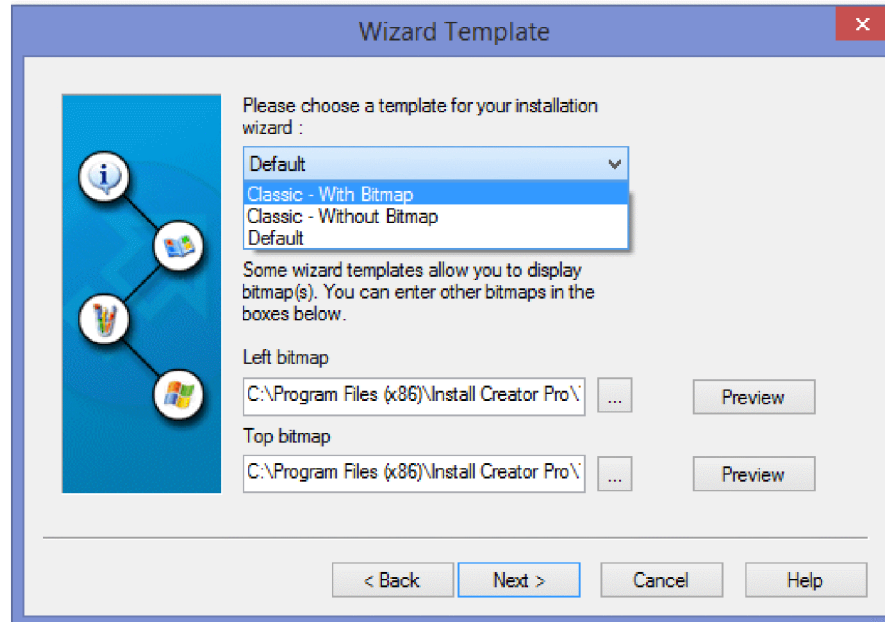


Choose the appearance of the installation window as well as the background color and title that will be displayed in the top left corner (in full screen version).

If you choose "No Window", the install program will have no window and will run silently.

Note: this feature is not available in the demo version of Install Creator Pro.

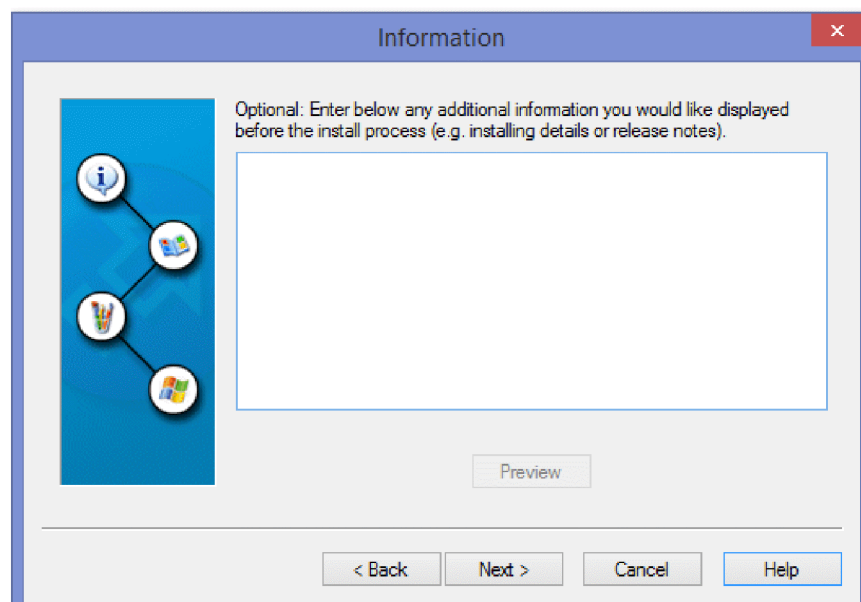
Step6:



Allows you to choose the default template for the installation dialog boxes. 2 classic templates to keep the compatibility with the appearance of the install programs created with install maker. You can use your own template.

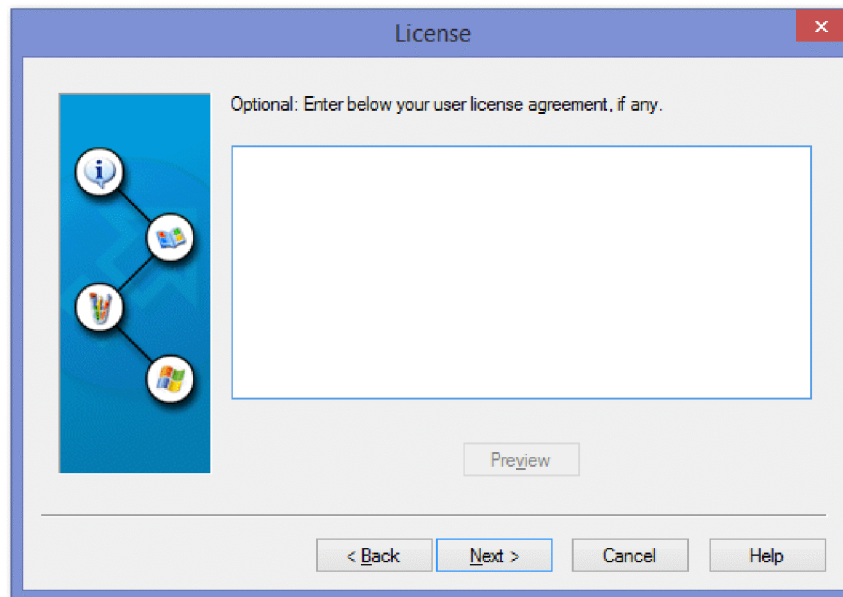
Step7:

In this window you can type the text to display at the beginning of the installation. If you don't type any text this screen will not appear during the installation of your application.



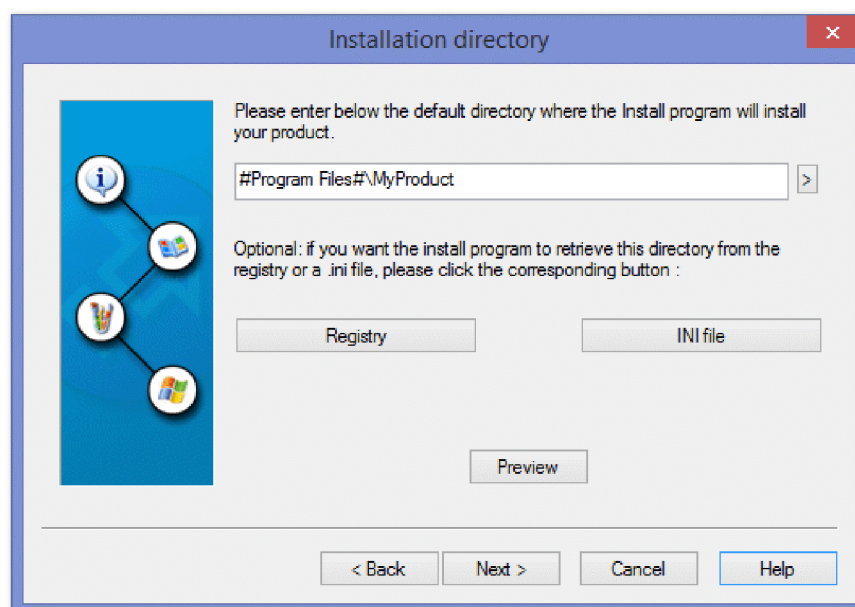
Step8:

In this window you can type the text of your license agreement to display at the beginning of the installation. If you don't type any text this screen will not appear during the installation of your application.

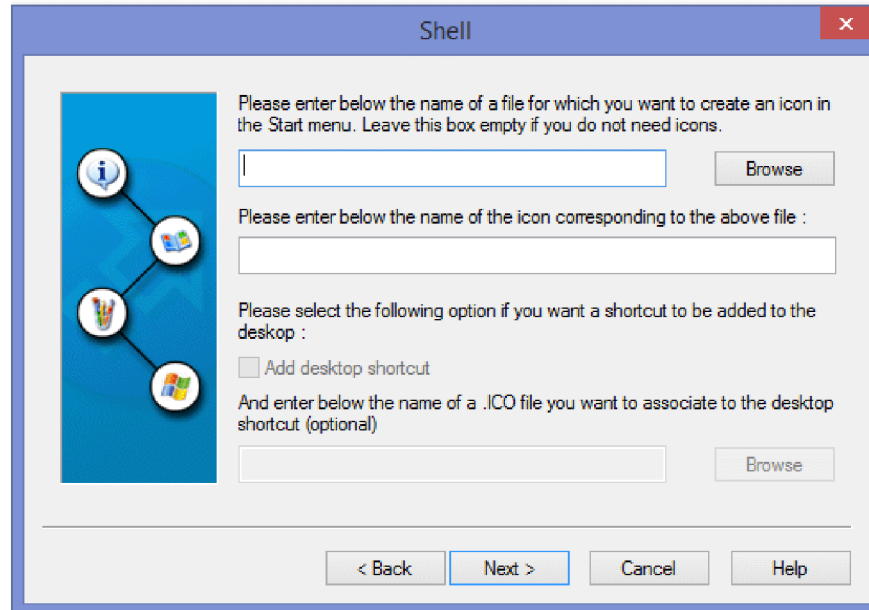


Step9:

Indicate the default directory where you want to install your application. If this directory doesn't exist on your user's hard disk, your install program will prompt the user to agree to create it or not. You can use directories defined in the Registry or in an INI file in the Windows directory.



Step10:

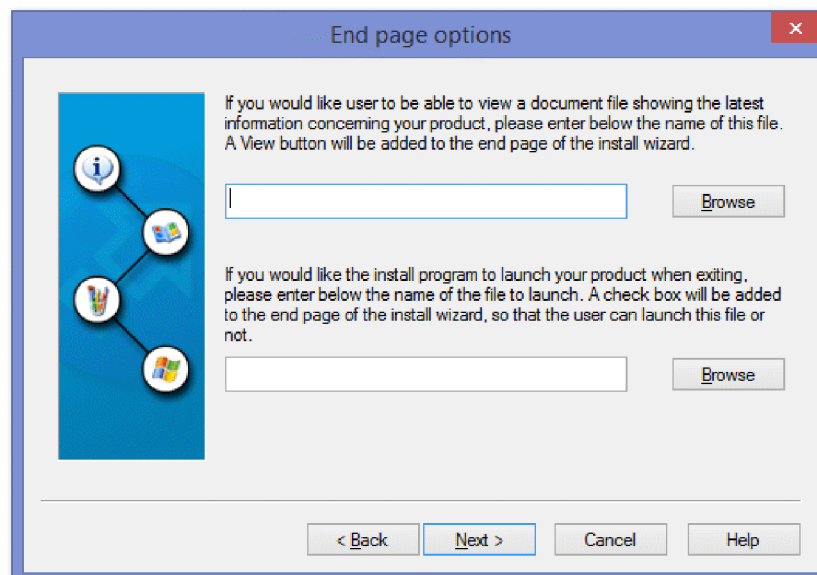


This wizard allows you to choose how user will access your application. Usually it should be a program file (.exe) but if it is a web site, you could choose the welcome page (e.g. index.html).

If you choose a file to add to the Start menu, you will have to give a name to its shortcut.

Check box allows you to add a desktop shortcut for the main start file of your application. Enter in this field the name of a .ico file to associate with your shortcut. This .ico file must be installed with your application files.

Step11:

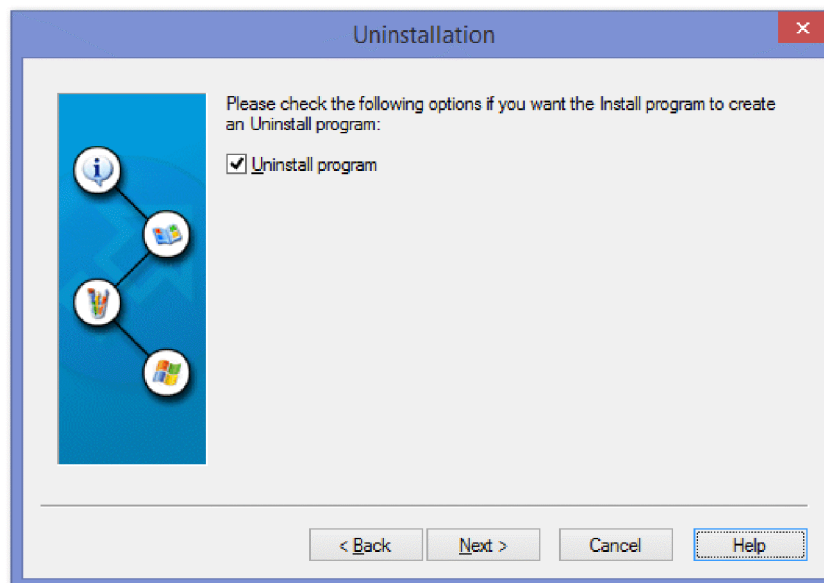


When your user arrives at the final installation page, you have the option to allow them to activate an information file to view and/or run your application.

In each case, choose which file to activate with the help of the **[Browse]** buttons. The main interface of Install Creator Pro gives you other options to view or run files at different stages of the installation.

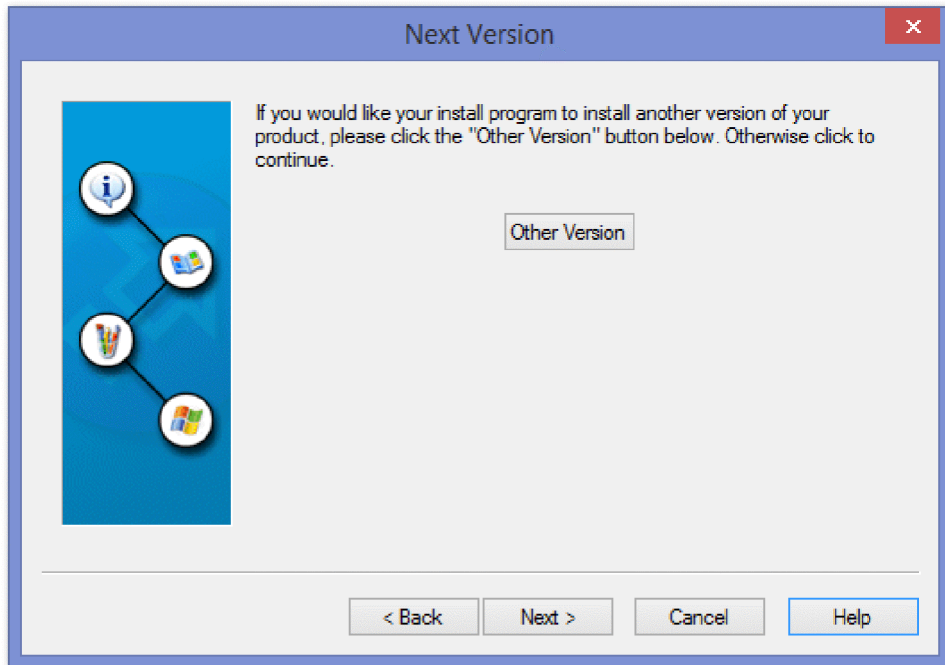
Step12:

This stage of the Wizard allows you to include an uninstaller program so that your user will be able to easily uninstall your product.

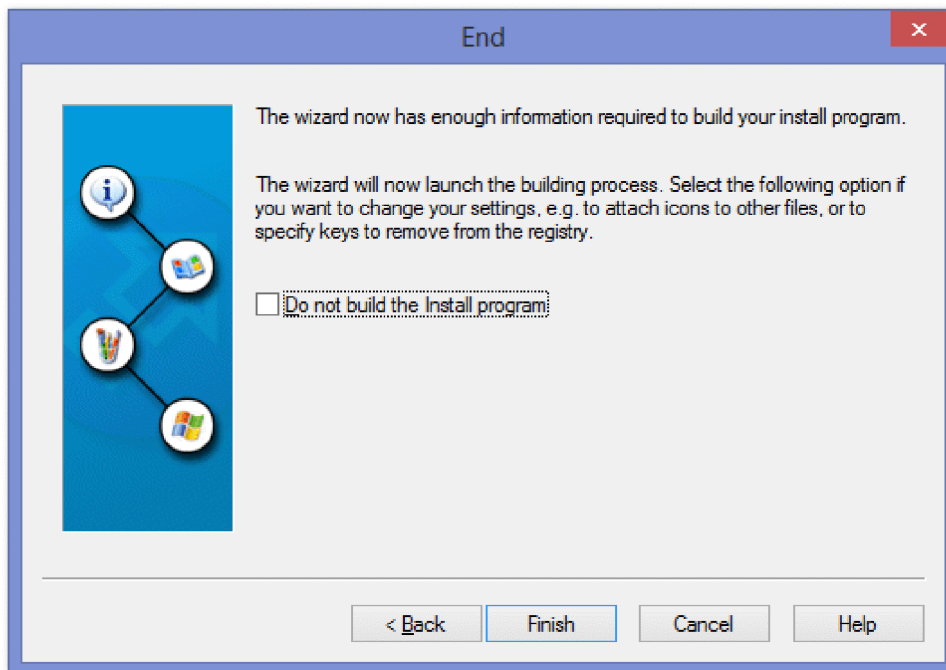


Step13:

If you want to add another version to your install program, click the Other Version button, the Wizard will prompt you for the settings of this other version.



Step14:



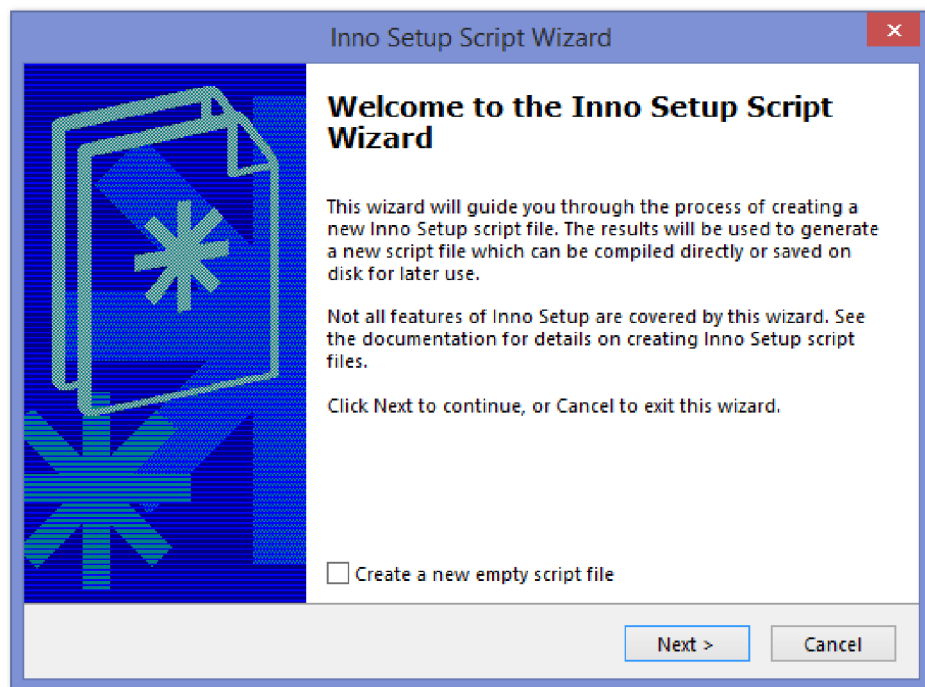
By clicking on the **[Finish]** button you automatically start the build process of your installation program. By checking the box **[Do not build...]** you access the [main interface](#). All previously selected options will be retained.

It will create an exe file and project is in the **.iip** file format.

Inno Setup compiler

- ❖ Inno Setup Compiler is a free installer and available evolution software also for windows program.
- ❖ Extensive support for installation of 64-bit application on the 64-bit editions of windows.
- ❖ Extensive support for both administrative and non-administrative installations.
- ❖ Support for passworded and encrypted installs.
- ❖ Support for silent install and silent uninstall.
- ❖ Customizable setup types e.g. Full, Minimal, Custom.

Step1:



Welcome wizard helps you to start the setup, tick check box if you want to create new script file.

Step2:

Enter application related details like Application Name, Application Version, Application Publisher and Application Website.

Inno Setup Script Wizard

Application Information
Please specify some basic information about your application.

Application name:
My Program

Application version:
1.5

Application publisher:
My Company, Inc.

Application website:
<http://www.example.com/>

bold = required

< Back Next > Cancel

Step3:

Inno Setup Script Wizard

Application Folder
Please specify folder information about your application.

Application destination base folder:
Program Files folder
Program Files folder
(Custom)

Application folder name:
My Program

☒ Allow user to change the application folder

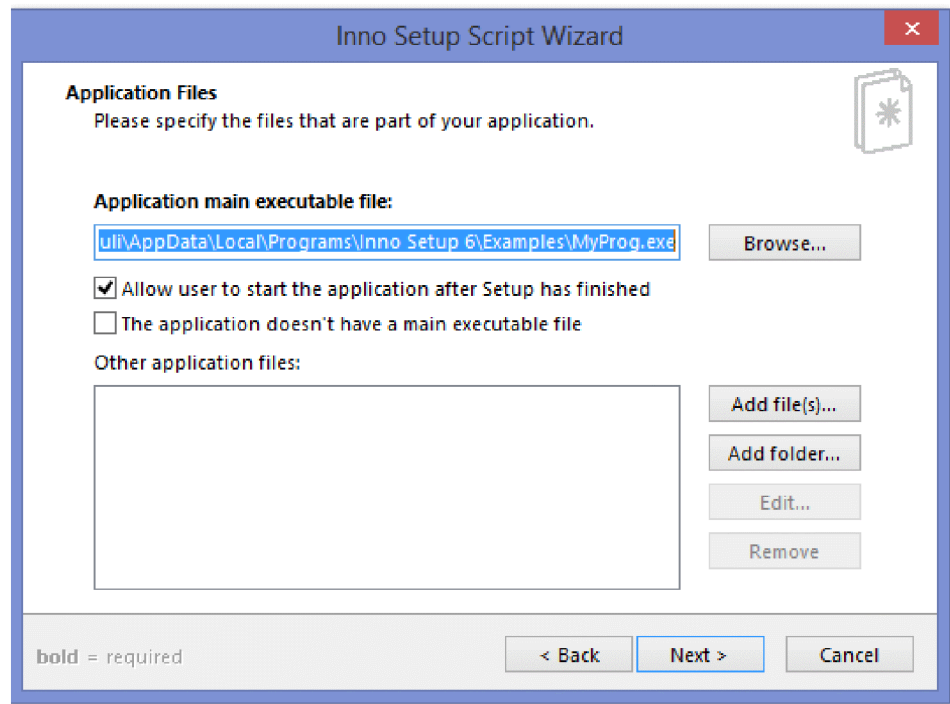
Other:
☐ The application doesn't need a folder

bold = required

< Back Next > Cancel

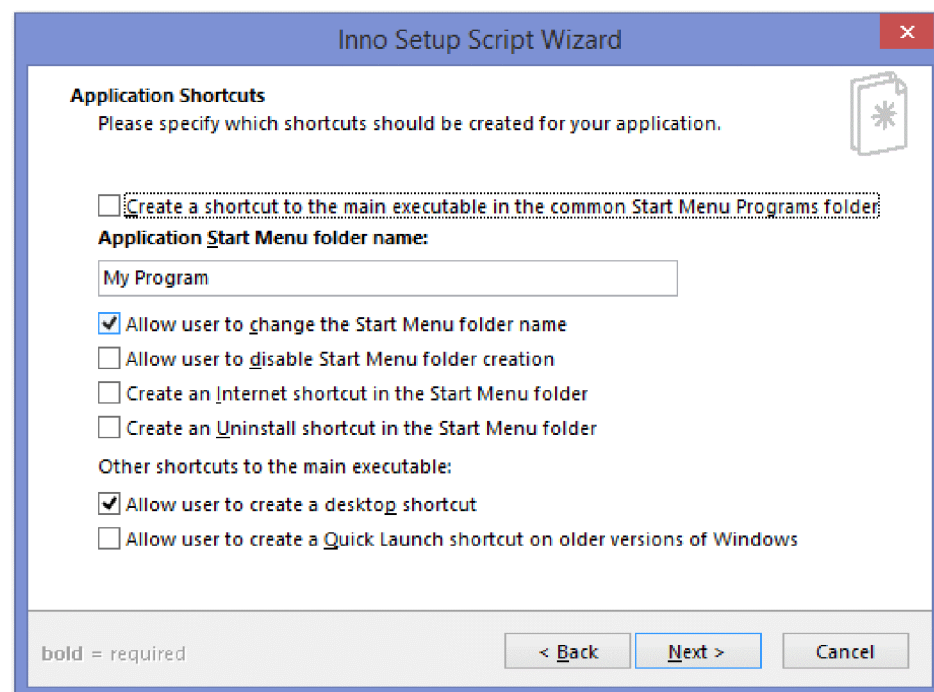
In this wizard you can select Destination folder and set the application folder name.

Step4:



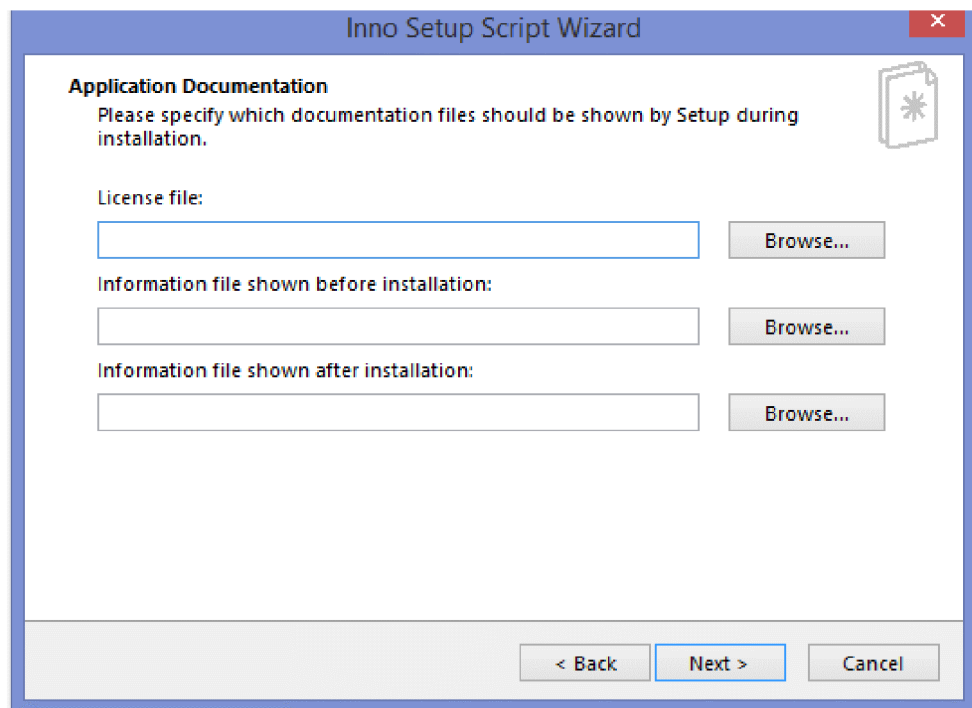
Here add application related files and folders.

Step5:



This wizard helps you to set the installer shortcut file and uninstaller shortcut file.

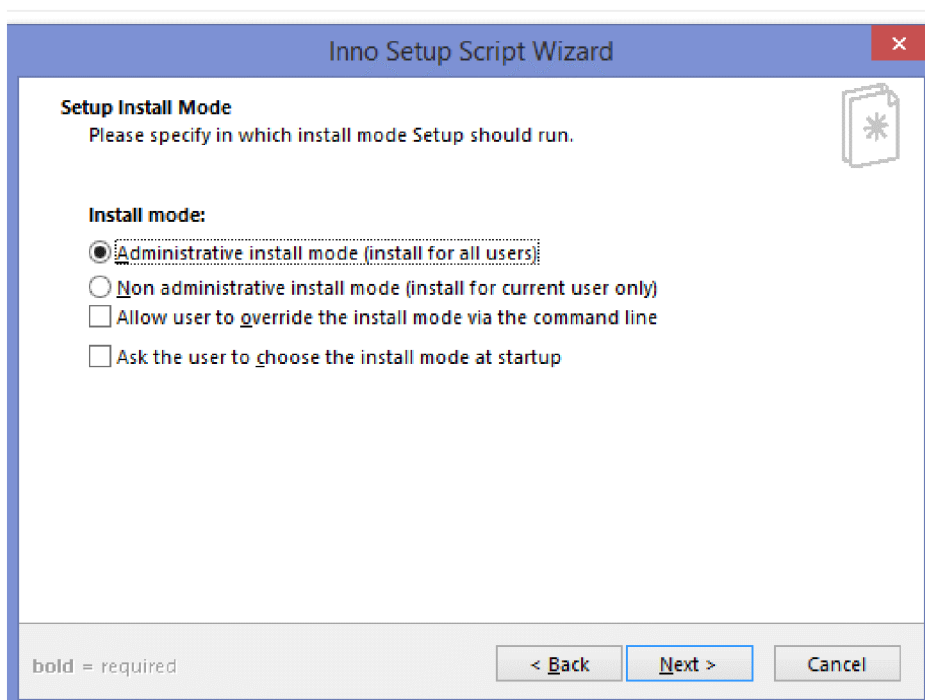
Step6:



The screenshot shows the 'Application Documentation' step of the Inno Setup Script Wizard. The window title is 'Inno Setup Script Wizard'. The main text says 'Please specify which documentation files should be shown by Setup during installation.' There are three input fields, each with a 'Browse...' button to its right: 'License file:', 'Information file shown before installation:', and 'Information file shown after installation:'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Here you can specify License file, information files and it is optional.

Step7:



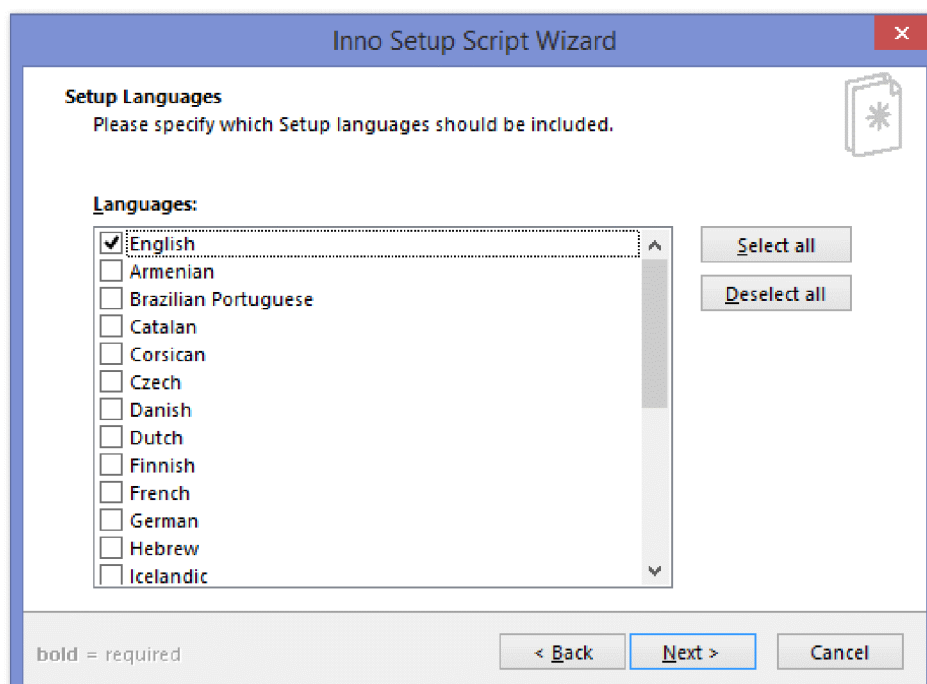
The screenshot shows the 'Setup Install Mode' step of the Inno Setup Script Wizard. The window title is 'Inno Setup Script Wizard'. The main text says 'Please specify in which install mode Setup should run.' There are four options under 'Install mode:':

- ☒ **Administrative install mode (install for all users)**
- ☐ Non administrative install mode (install for current user only)
- ☐ Allow user to override the install mode via the command line
- ☐ Ask the user to choose the install mode at startup

At the bottom left, it says 'bold = required'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

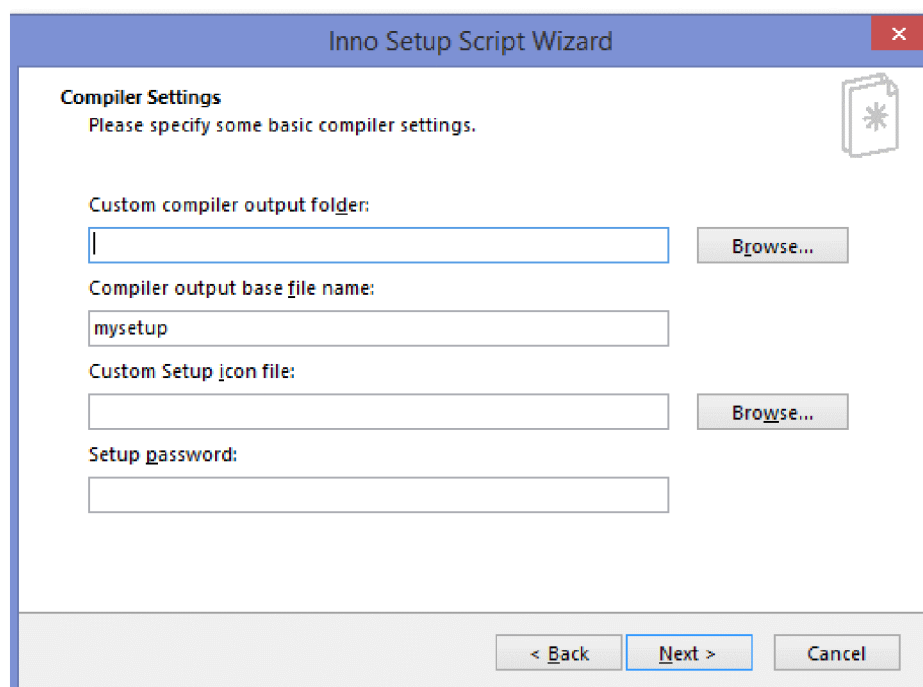
This wizard helps you to setup install mode.

Step8:



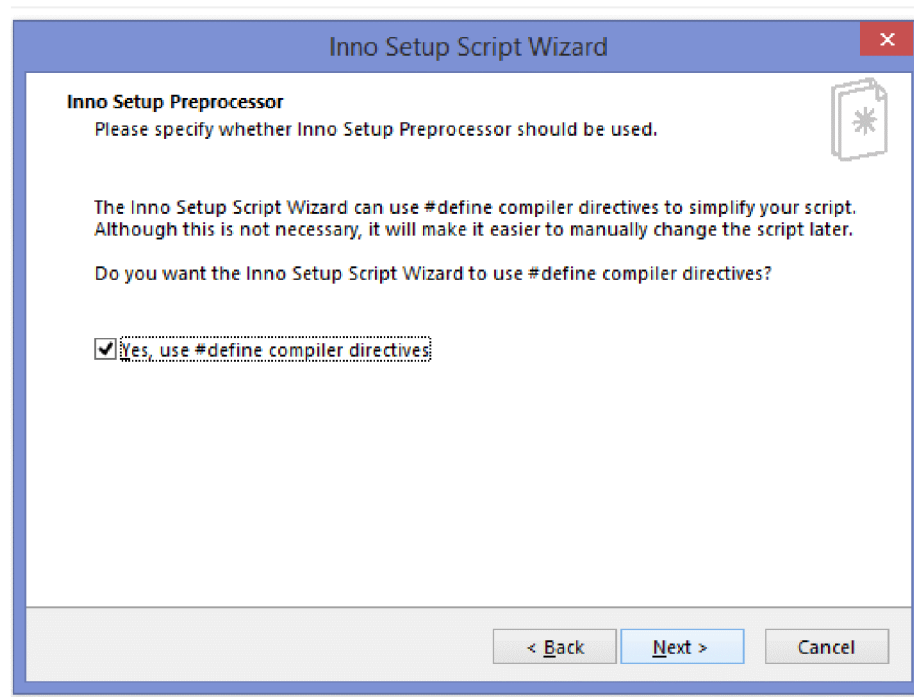
This wizard helps you to select language.

Step9:



Here you can choose the output folder, you can set icon file and can create password.

Step10:



This is the last wizard to create setup file, if you select check box it will create compiler directive as following image, in that script you can edit the script as your wish.

The image shows a screenshot of the "Untitled - Inno Setup Compiler 6.0.4 (u)" window. The menu bar includes File, Edit, View, Build, Run, Tools, and Help. The main text area contains the following script:

```
Script generated by the Inno Setup Script Wizard.
; SEE THE DOCUMENTATION FOR DETAILS ON CREATING INNO SETUP SCRIPT FILES!

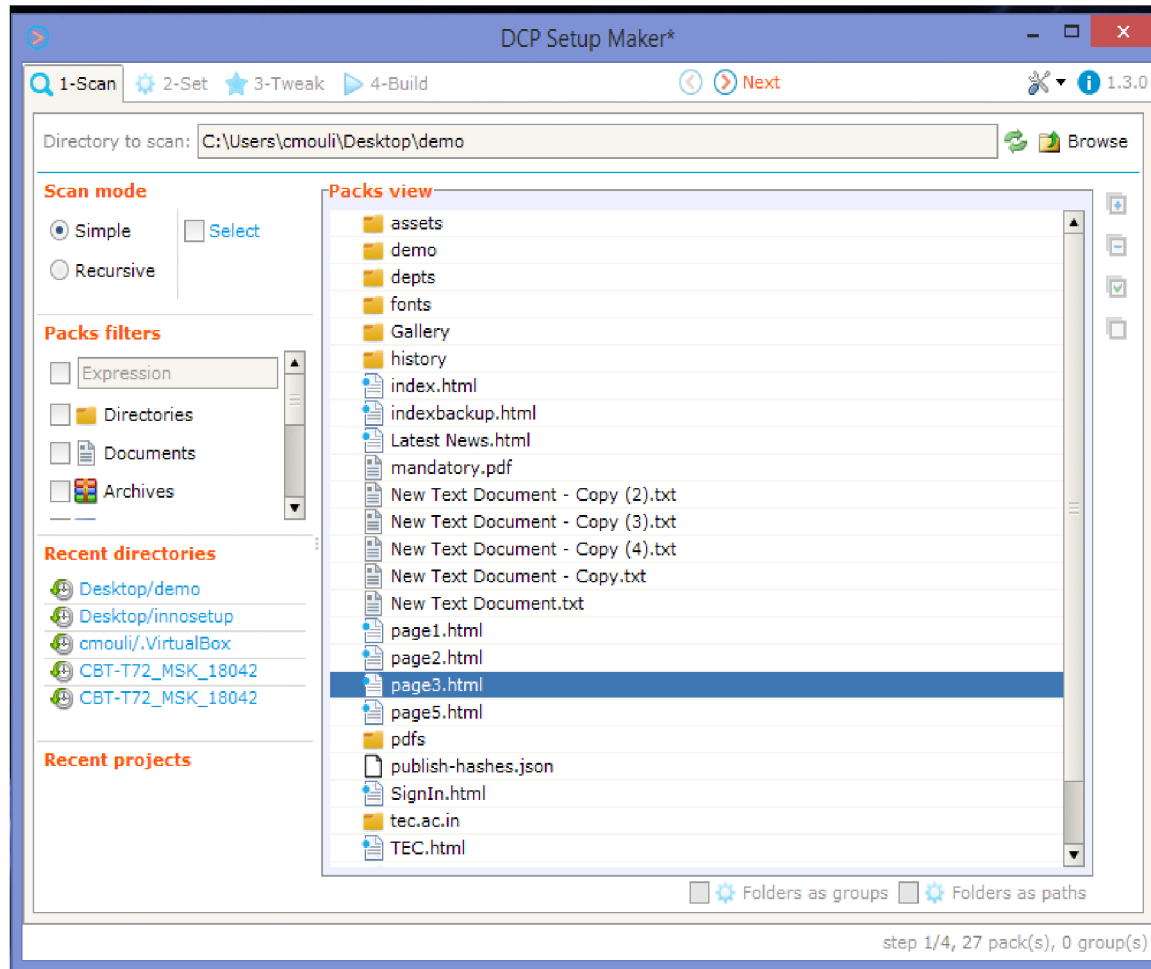
#define MyAppName "My Program"
#define MyAppVersion "1.5"
#define MyAppPublisher "My Company, Inc."
#define MyAppURL "http://www.example.com/"
#define MyAppExeName "MyProg.exe"

[Setup]
; NOTE: The value of AppId uniquely identifies this application. Do not use the same AppId value in installers for other
; (To generate a new GUID, click Tools | Generate GUID inside the IDE.)
AppId={{BF0A4637-3422-4446-82F2-0ECD0ADCB6CF}}
AppName={#MyAppName}
AppVersion={#MyAppVersion}
; AppVerName={#MyAppName} {#MyAppVersion}
AppPublisher={#MyAppPublisher}
AppPublisherURL={#MyAppURL}
AppSupportURL={#MyAppURL}
AppUpdatesURL={#MyAppURL}
DefaultDirName={autopf}\{#MyAppName}
DefaultGroupName={#MyAppName}
; Uncomment the following line to run in non administrative install mode (install for current user only.)
; PrivilegesRequired=lowest
OutputBaseFilename=mysetup
```

At the bottom, there is a status bar showing "1: 1 Modified Insert".

DCP Setup Maker:

DCP Setup Maker is an open source application that generates java installers, it's all about 4 simple steps for your setup.



Press the 'Browse' button to choose a directory containing all of the files

you need in your installer, then 'filter' some of them if you need so

- Press 'refresh' if the folder content was modified on the File System.
- A 'simple scan' treats a directory as a whole single pack of files,
- A 'recursive scan' gets packs from inside directories until 'depth' is reached where folders are packs.

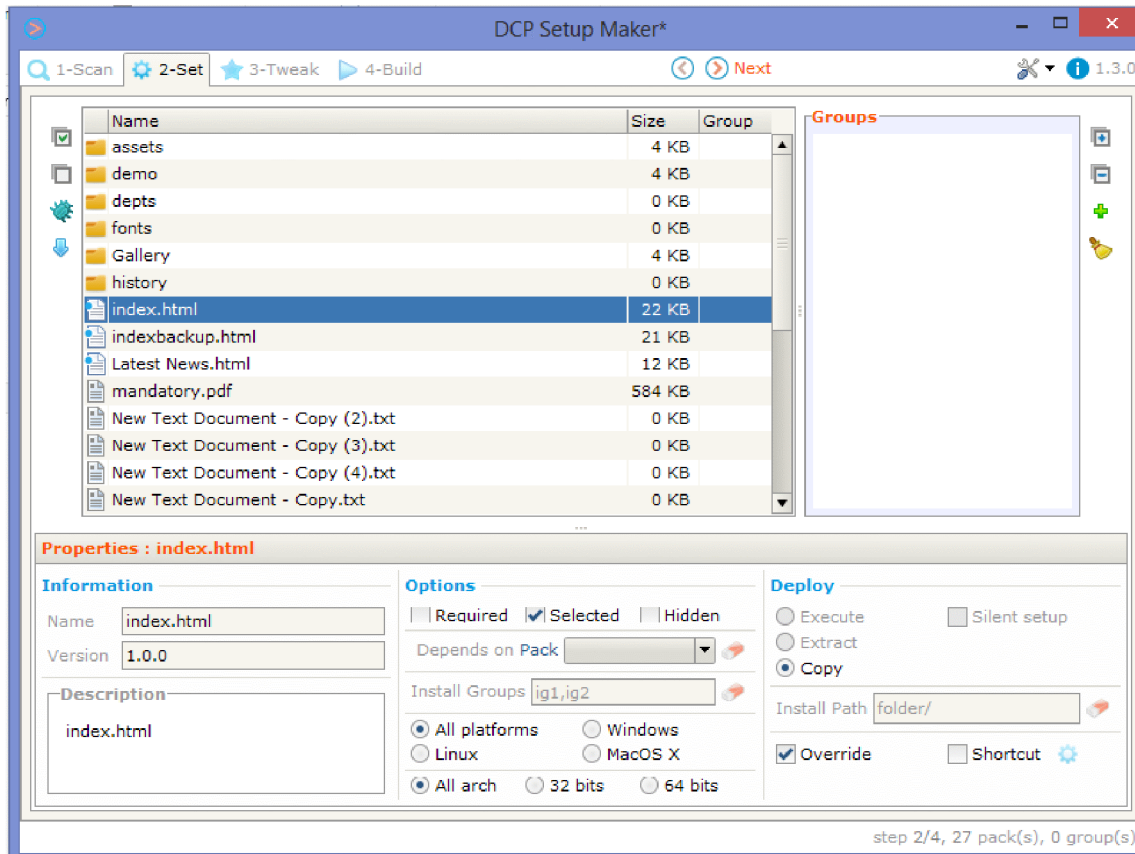
Custom filters can be set in 'settings.json' file.

Regular Expressions can be used to filter a file group

Example: ".*\.(exe|msi)" will filter all files with 'exe' or 'msi' extension

- 'Folders as groups' option will convert folders to groups
- 'Folders as paths' option will fill packs install paths with folder paths

Press Next when list of files is ready..



Set the parameters of your files

The second step lets you set the properties for each of your packs (files)

and even organize them by Groups/Install groups.

You add a new group using the green '+' button at right, and entering its name

then you may use the 'Add to group' from context menu on packs or Drag and Drop them to a group.

You may then sort packs for execution priority. However executable packs can't be processed before others

The 'debug' option for Packs will validate all of packs' data and stop on an incorrect one, you may

get error details from a 'red' field by hovering over it and reading tooltip text.

- A Pack is either 'executed' during install, or 'copied' or 'extracted' to 'install path'.
- Packs can be part of many install groups.
- A Pack may depend on a Pack or a Group of packs on install
- A required pack will be installed and can't be disabled on install
- A hidden pack will be installed and won't display on install
- The arch (32/64) is checked at the running JVM arch (not the OS)
- A shortcut can be enabled for a pack or more to access it directly;

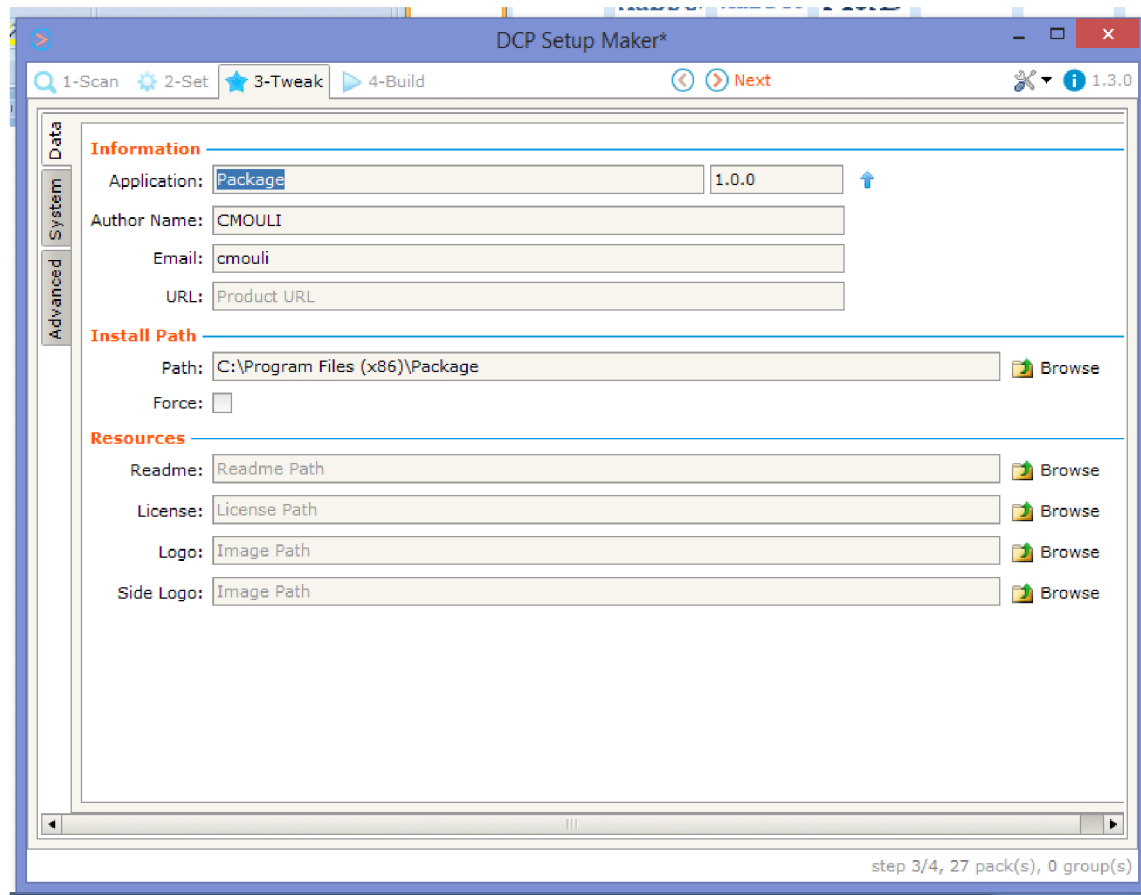
advanced shortcut options are available to access a specific file inside a folder or extracted archive

- The 'Install path' of a pack is relative to the global install path of setup.

Single item options for packs or groups are accessed from context menu (Mouse Right clic)

An executable script can access its dependencies from code using the 'DEP' environment variable as path

Once all your packs and groups set, you press Next..



Tweak the final custom settings for your application to be ready.

Finally, you add some informations for your package like the application name and version number.

You navigate between options types from the left tabs.

You may select any part of the version and increment it as long as it is a number

By default, the increment button will add 1 to the last part.

Additionally, you can add some resources like a Readme file, License, Images, and set the desired target path for your packs and shortcuts, and even more...

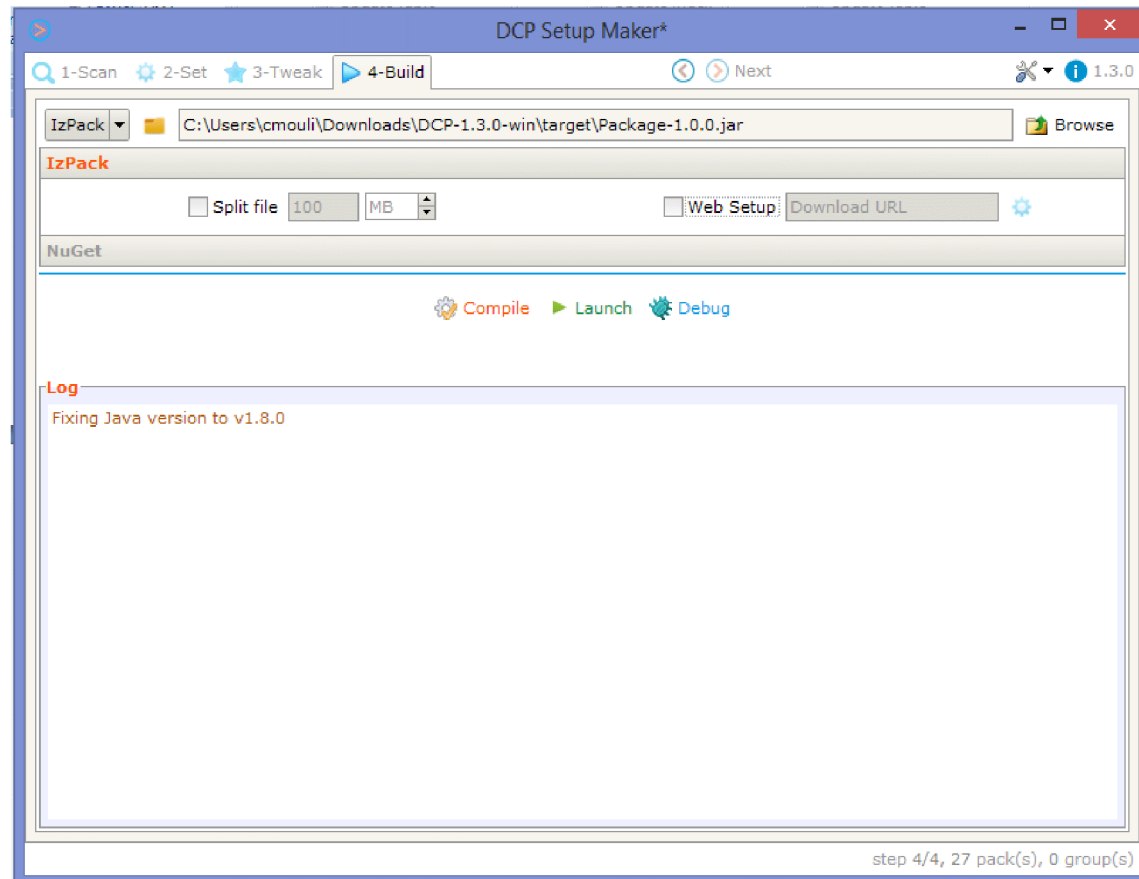
- A 'forced' install path can't be modified on install.

The package will suggest a platform-related path if install path field is empty.

- 'Langpacks' are different languages ready for installer's text.

- A 'version check' enabled installer check Windows' registry for installed version.

When finished, push Next..



Your package is ready to be packaged at the given export path.

You just have to choose a builder and set the target path, then 'Compile'.

Once the build is successful, you may 'Launch' the resulting package or 'Debug' it for bug tracking.

Don't forget to 'save' your project to 'load' it later, and if you need, 'save default' settings

For developers who want more possibilities, they can edit the settings.json file to just generate the IzPack specification files, edit them, then compile.

Download Links:

Installer Creator Pro: https://download.cnet.com/Install-Creator-Pro/3001-2383_4-10349877.html

Inno Setup Compiler: https://filehippo.com/download_inno_setup/post_download/

DCP Setup Maker: <https://sourceforge.net/projects/devcompact/files/latest/download>