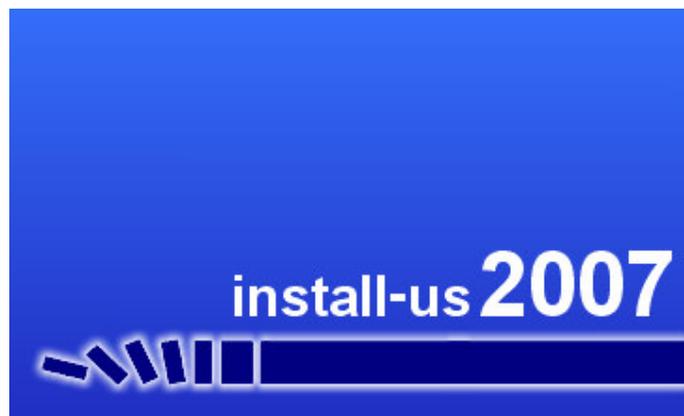

www.install-us.com

install-us 2007

Manual
install-us Standard
install-us Professional



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install-us 2007 Documentation
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Welcome to install-us

Introduction

Install-us is an application to create professional installations for your software, which you can distribute to your friends or customers.

Installations build with install-us can take care of nearly all tasks required for up-to-date installations: Install-us can copy files and directories to the destination system, and it can configure the system in a variety of ways, that your software will run smoothly.

As defined in the Microsoft Windows installation guidelines, the install-us uninstall assistant can complete remove a previous installed software from the system of your clients.

Install-us offers a fast and efficient way of building installations. You can build your own installations within five minutes. The integrated step-by-step navigation leads you through the process of creating successful installations.

Range of possibilities

On this page you find all possibilities offered by install-us. You will see, that it is easy to create professional installations to distribute your software:

Installations for all Windows platforms

You can create installations for all Windows platforms – 16- and 32 Bit:

The installation procedures for 32-Bit platforms steadily get adapted to the latest Windows releases, such as Windows 95, Windows 98 (SE), Windows ME, Windows NT4, Windows 2000 Professional, Windows XP and Windows Vista.

You can even create installations for 16-Bit Windows like Windows 3.1 and Windows for Workgroups 3.11 - even out of one single project file.

Different distribution media open up unlimited distribution worldwide

To distribute your software install-us offers support for 1.44 MB-Disks, 2.88 MB-Disks, harddrives, CDs, DVDs, SFX-archives (internet download) or other storage-systems up to a size of 2 GB.

With the help of the integrated CD-Manager you can create Autorun-CDs in the twinkling of an eye. These CDs launch a menu program after inserting the CD, where the user can easily select the desired product.

All installation files can be stored in one single exe-file, which is especially useful for internet-downloads. This exe-file is one single executable, which contains the installation program and all data files (SFX file – self-extractin archive). The integrated Fast-Expand mechanism reduces the time for extracting.

Additional you find more than 25 dictionary files in install-us. These files can be used to create multi-lingual installations directly within install-us.

Easy to use user interface

Install-us offers an easy to learn Click-and-Build user interface, which provides a very quick guide in creating installations by yourself. Even beginners can create their own running installation in five minutes. Professional users can customize installation very detailed to fit their needs.

Your files

You can include single files or total directory trees with all nested files and subdirectories in your installation with one click. Deleting and adding of files and directories is possible at every time.

The integrated version checking feature ensures, that files never get overwritten by older or outdated files. This guarantees, that there are always the latest files installed on the user's system.

To save disk space or to reduce the time required for transferring files, the files get compressed. You can even span very large file over several disks.

You can organize your files by creating directories and setup types. This makes it easy for you and the users to have a good overview of the installed software.

The backup function can store files before the new files get copied onto the destination system.

Install-us can update files, which are in use by the system or another application. If necessary install-us can force a reboot of the system.

Install-us provides special interfaces to install and register new fonts, register Shared-DLLs, Active-X-controls and new filename extensions (e.g. txt for being opened with Notepad by default).

Customize installation

You can divide your hole installation into different setup types. Usually an installation offers a Typical, a Minimum and a Customized setup type. The customized setup typed can offer up to nine single options.

The options can be used within the uninstall wizard either to offer total or partial uninstall of the different software parts.

You can define start menu entries via simple clicks. On Windows 95/98/ME and NT4/2000/XP/Vista operation systems you can advise install-us to create shortcuts to your files even on the desktop.

By editing entries within the Windows registry and within ini files of every kind during installation you can pre-configure the settings of your application and adapt it to the peculiarities of the user's system.

You can control the installation process via different variables.

You can configure the kind, install-us should reboot.

Via the possibility of launching special executables, which could be programs written by yourself, you can install third party plugings or make special configurations, which cannot be handled with install-us directly. Install-us can wait for the termination of those external programs or just start them and proceed with the installation.

Protect your software

You can specify a single password, which locks the installation. Installation will only be possible, if the password is known by the user.

You can set an expiration date. After this date, the user will not be able to install the software.

Within the optional User-Registrierungs-System (URS) you can create individual keys. You must supply a personalized key to the users of your software.

Designing the user interface

Install-us offers various desiging capabilities, so that you can create a individual design for the installation wizard of your software:

You can show or hide an installation backgroud (usually a transition from blue to black) and show a slideshow (billboards). Alternatively you can show a hole video (avi) or play a sound file (wav or mid).

System checking

If your software requires a special graphics mode (e.g. at least 256 colors, a special resolution) or a minimum size of RAM, you can inform the user.

License agreements

Via showing a license agreement dialog before starting the installing of your software you can make sure, that the user reads and accepts your license agreement.

General

Latest informationen

You find the latest product information and product updates in the web on our page www.install-us.com

Additionally you can find a FAQ and a list with tips and tricks there, which gives you solutions to your problems.

Links to installation related topics are available on www.install-us.com

Version differences Standard – Professional

Standard-Version is sufficient for building simple installations. Standard version does only offer one option for grouping files and directories. If you need different installation types like "Typical", "Minimum" or "Custom" you need install-us Professional.

System Requirements

Minimum system requirements for the install-us compiler to be able to build installations:

- Windows 95/98/ME, NT4, Windows 2000 Professional or Windows XP/Vista
- 5 MB free disk space
- 10 MB free disk space for created installations (your software project may need much more disk space)
- 386 DX IBM-compatible PC with > 4 MB RAM
- Mouse or similar device

Recommended system configuration for install-us compiler:

- Windows 95/98/ME, NT4, Windows 2000 Professional or Windows XP/Vista
- 5 MB free disk space
- 10 MB free disk space for created installations (your software project may need much more disk space)
- 486 DX IBM-compatible PC with > 8 MB RAM
- Mouse or similar device
- 256 colors at 800x600 resolution or higher
- Sound card

Minimum system requirements for executing the created installations:

- Windows 3.1 or Windows for Workgroups 3.11 (only possible for 16-Bit installations)
- Windows 95/98/ME, NT4, Windows 2000 Professional or Windows XP/Vista
- 5 MB free disk space in a temporary directory (your software may require much more disk space during installation)
- 386 DX IBM-compatible PC with > 4 MB RAM.

Installation

Introduction

Please make sure, that your computer meets the "System Requirements" on page 6!

Already installed installation software of other software manufacturers, internet settings or hardware configurations don't get influenced with an install-us installation.

Instructions

CD-ROM

If you have purchased install-us on CD-ROM, please follow these steps:

1. Insert the install-us CD-ROM.
2. If the setup assistant doesn't start automatically, go to the root directory of the CD-ROM and start the file **setup.exe** manually.
3. The "Installation assistant" leads you through the installation. See next page!

Download version

1. Run the file **iusXXXX.exe**, which you have received within the downloaded package.
2. The "Installation assistant" leads you through the installation. See next page!

Installation assistant

Here you see the installation steps:



Welcome

In the first window of the installation assistant you get informed about the install-us installation. Confirm with the **Next** button.



License agreement

If you are not willing to accept the license agreement, you must completely remove the install-us software from your system.

The next page shows the license agreement of install-us. If you accept the license agreement, please activate the appropriate checkbox and click **Next**.



Specify directory

Choose the name of the directory, where to place install-us into or leave the default one entered. Confirm with the **Next** button.



Installation type

It is recommended to install the software in its typical configuration. Click **Next**.



Program group

Accept the default name of the program group and click on the button **Next**.



Start

Finally the installation assistant shows a summary of all settings. You can start the installation via clicking onto **Next**.



Installation

During the copying of files and the configuration of your system, the install-us progress window is shown. The installation needs some minutes time.

At the end a messagebox reports the successful installation.

You will find the program group "install-us" opened at the end. There you can select the item **install-us** to directly start the install-us main program.

Working with install-us

Preface

With install-us you create installations for the worldwide distribution of your software. You distribute your files to the computers of your friends and/or customers. Please make sure, that you are allowed to distribute the files you include in install-us installations. This is especially important for system files of your Windows installation.

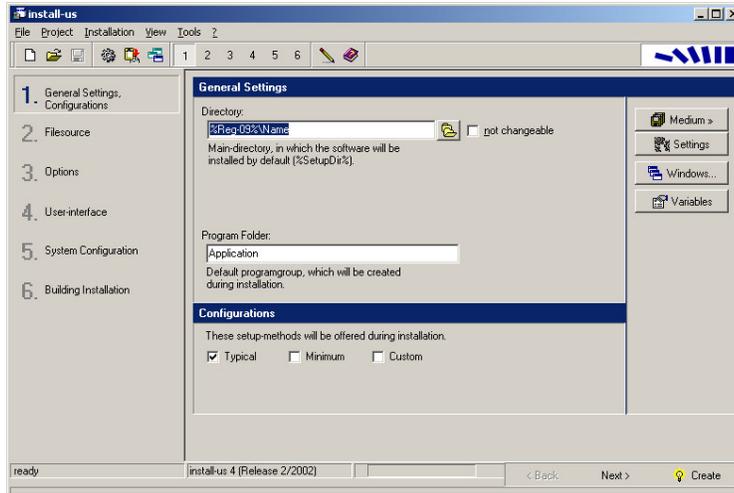
Please keep in mind, that installing incompatible system files on other computers may damage the systems completely, so that a reinstallation of Windows and all program files may become necessary.

The best way to avoid such problems would be to just include self programmed and edited files into your installations and put those files into your own installation dictionary, where they cannot overwrite other third party or system files.

Programs

Install-us consists of the main module (install-us) and the CD-Manager and various help and documentation files.

With install-us you create one installation for each software project you have to manage. The settings of an installation and the names of the files necessary for it are stored in a data file, which is called install-us project file. The filename extension of those files is .ius.



install-us project

Within an install-us project file the kind of installation media, the offered installation options and setup types, the operation and the look of the installation assistant, the name of required files and directories gets stored. Install-us does not save complete external files within the project files. It always saves references to the files required by a project. Therefore you must copy the ius file and all referenced files to the other system, when you want to build the installation on this system.

The install-us CD-Manager offers a simple method of creating Autorun-CDs with a special menu. The user can decide what to do after inserting the CD. He can install the application, you included onto the CD, or he can open special documents provided with the CD-ROM.

install-us main module

Introduction into the main module

With install-us you create one installation for each software project you have to manage. The settings of an installation and the names of the files necessary for it are stored in a data files, which is called install-us project file. The filename extension of those files is .ius.

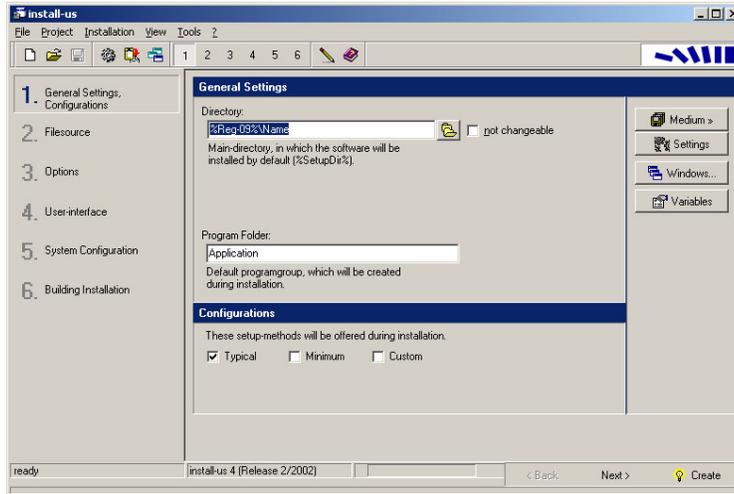
Within an install-us project file the kind of installation media, the offered installation options and setup types, the operation and the look of the installation assistant, the name of required files and directories gets stored. Install-us does not save complete external files within the project files. It always saves references to the files required by a project. Therefore you must copy the ius file and all referenced files to the other system, when you want to build the installation on this system.

Project for beginners

After taking part in this project for beginners you are able to create your own first installations for Windows.

1. Preparing a new project

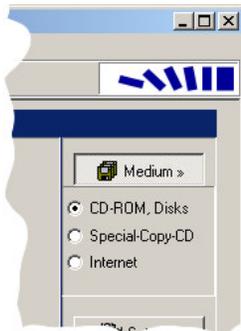
When install-us is already running, choose the item **New** in the **File** menu. Otherwise start install-us.



install-us project

You see the first setting dialog in the workspace of install-us. The left side panel is a kind of assistant, which leads you through the entire process of creating an installation. It always displays the currently active section, where you are currently working, with a highlighted number.

Select the radiobutton **CD-ROM, Disks** behind the button **Medium**:



Choosing the installation medium

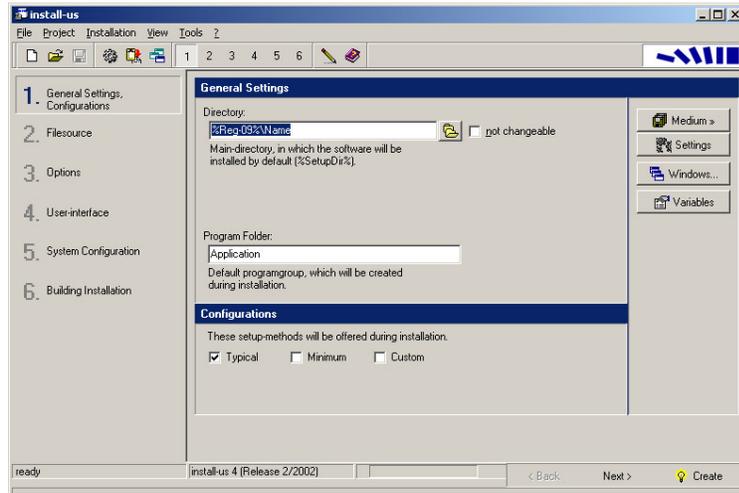
Wir befinden uns im Abschnitt "Allgemeine Einstellungen":

2. General Settings, Configurations

You are in section **General Settings, Configuration**.

Make sure, that the text “%Reg-09%\My directory” is entered into the edit box **Directory**.

This expression symbolizes the root destination directory, where your files will be installed to. %Reg-09% is a variable, which will be replaced via the name of the default application directory of the user’s system (e.g. „C:\Program Files\My directory“). We will discuss variables later in this manual.

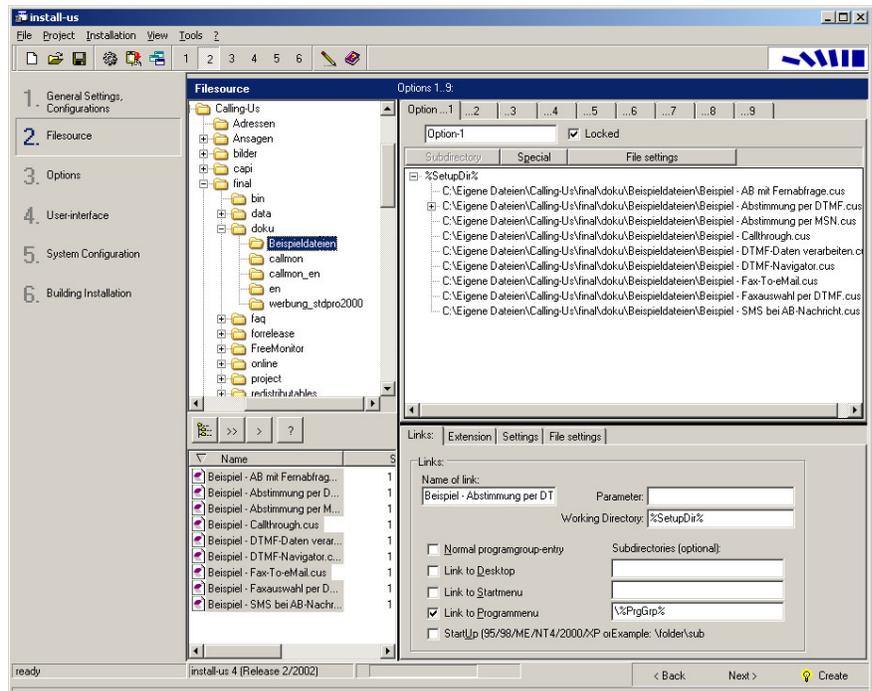


install-us project

Please enter ”My program group“ into the appropriate field.

3. Selecting files

Now you have to click onto **2. Filesource** in the assistant panel on the left.



Filesource

On the left side you can see the **Filesource** directory- and file-listview. You can select single files or entire directories including their sub directories. On the right side you see the destination treeview, where all directories and file references will be listed.

To take one single file into the project, select the file in the file listview and click at the button >. The button >> takes all files into our project, which are in the current selected directory.

By clicking on the button symbolizing a directory structure all files and subdirectories will be inserted in the destination treeview of our project.

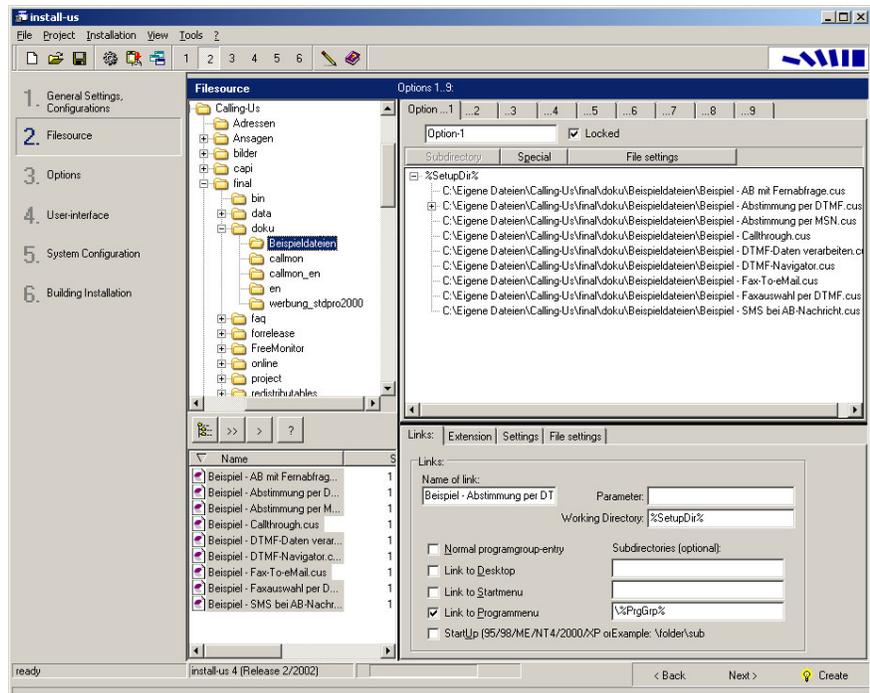
Please note, that you can organize your files in up to nine options. You switch between those options by just selecting the desired page (**Option...1 to 9**) of the destination treeview pagecontrol.

In this example project you can set the name of **Option..1** to “Typical configuration”.

Now you select some files, which you want to include in your installation.

4. Creating links

To create a link to one of the files you have included in the destination treeview already just select the desired file in the treeview.



Filesource

In the blank workspace under the destination treeview a pagecontrol will appear, which has the pages **Links**, **Extension**, **Settings** and **File settings**.

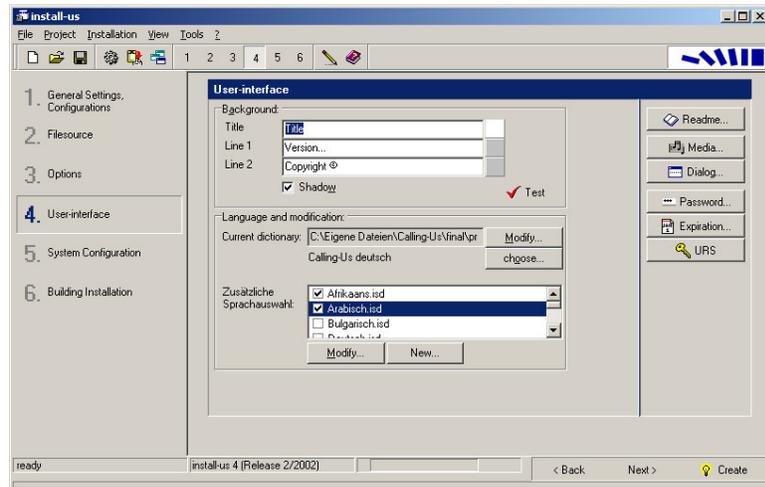
Note: If you doubleclick on the file the dialog “File settings” appears, which offers some additional settings.

Now please enter a name in the edit box **Name of link** and select the checkbox **Link to Programmenu**. Make sure to not select the checkbox **Normal programgroup-entry**.

Note: If the selected file has the extension .exe a link to this file will be created automatically. You can avoid this automate process in the options dialog of install-us.

5. User interface

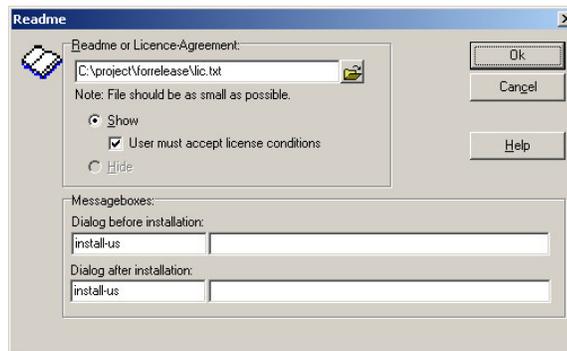
Click onto the button **4. User interface** to display the next step of the installation creating wizard:



User interface

Enter the **title** “My first installation” and some subtitles (**Line 1+2**) to be displayed at the **background** of your installation.

Click onto the button **Readme** at the right side.

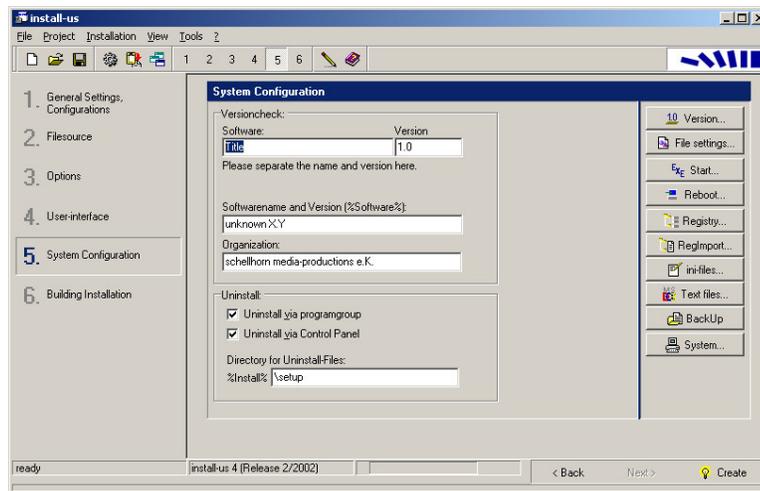


Readme

In this dialog you enter the text „Hello world“ into the right edit box Dialog before installation. Confirm your changes with **Ok**.

6. Name of your software

Click onto the button **5. System Configuration**:



System Configuration

Enter „test“ into the edit box **Software**. You can set **Version** to "1.0", which is already the default setting.

Now we have done some basic settings in our projectfile. It is a good time for saving it. Click at the disk symbol in the top bar and save your project in the main folder of install-us: "MyFirstTest.ius".

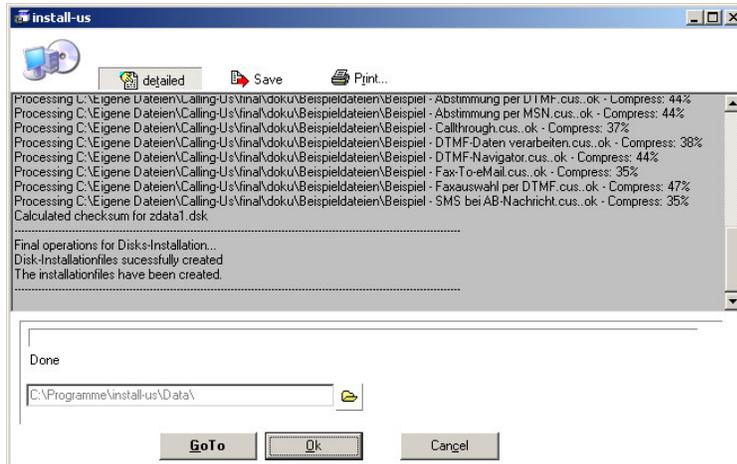
7. Compiling installation

Click onto the button **6. Building installation** in the assistant panel.

You can specify a directory, where all the files necessary for installation will be created.

Example: "C:\Projects\MyFirstProject".

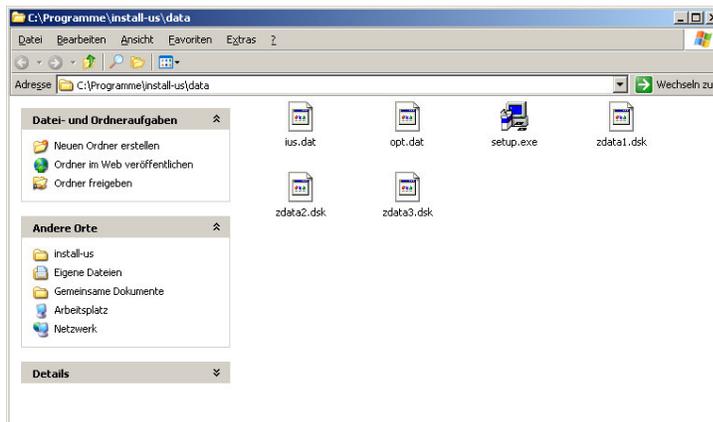
Note: that all files in this directory will be deleted!



Compiling the installation

Click onto the button **GoTo**. Install-us starts creating the installation files. The progress of the compilation work is displayed in a progress bar. After finishing install-us starts the Explorer (this is, what GoTo means). You can then execute the file setup.exe.

8. Copy files to distribution media



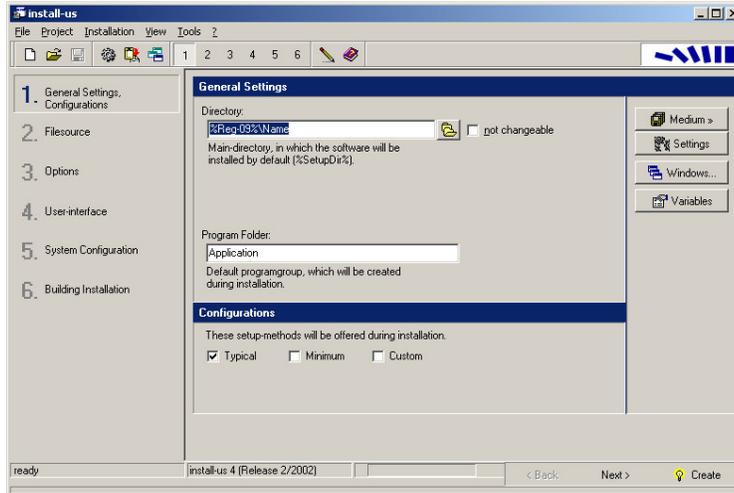
Result

After testing your installation you can decide, whether it does fit your needs. If so, you can copy the installation files to the desired distribution medium.

Now you have learnt the basical concept of how to create installations with install-us.

General Settings

In the section „General Settings“ you specify some global settings of your current installation project:



install-us project

Directory

After starting an installation the user has in most cases the chance to specify an installation directory or to select the suggested one. The **directory** you enter in “General Settings” will be the default or initial directory for installation.

If you don’t want the user to be able to change this directory during installation, you can set it to be **not changeable**.

Important: This directory will be accessible via the variable %SetupDir% in nearly all other dialogs of install-us.

Program Folder

The user can define a name of the program folder, where the shortcuts and links to your files will reside. You find the programs by clicking on the Windows START button and the choosing the menu Programs.

The user is able to change the pre-defined name of the **Program folder**.

Note: The name of the program group cannot contain one of these characters: * ? - / () ; : , | " < > .

Configurations

In section „Configurations“ you can choose, which setup types will be offered to the user.

Small software projects don't require Minimum or Custom installation types. In those cases checking the Standard checkbox lasts.

Software projects with a larger number of files usually can be installed with few or all options (e.g. example projects, pictures, ...). In those cases it is recommended to activate the checkbox **Minimum** and **Custom**.

The assignment of the different files to the different setup-types or options is done in a later section (3. Options).

Installation media

Possible media for installation are diskettes, CDs, DVDs and Self-extracting archives, which are especially useful for internet distribution:



Choosing the installation medium

Disks, CD-ROM

The installationfiles will be split over several disks, if the space available on the single diskettes is not enough.

Note: Files needed for the installation user interface (like bitmaps, audio- or videofiles) must fit onto the first disk.

If you want to create installations for disks, just select this option either and make sure to set the disk-size **Size** in the dialog "Settings" to a value of about 2.000.000.000.

Note: If the available space is not used fully or is not enough on disk number one, you can specify a special value for the size at disk-1: Menu **Installation - Special - Adjust Disk-1-Space**.

Special-Copy-CD

If all files, which should be installed onto the user's system, are accessible on the CD in uncompressed form, you can use this method. It is very good, because it avoids duplicate files (in original and compressed form) on the CD-ROM. Additionally the copying of very much files will be much faster, because the installation-program just copies the files from CD to the destination-directories on the user's system.

Note: This method is a little bit harder to understand and to handle. If you don't require to save disk space or don't need very fast running installations, you should use another method.

If you have chosen **CD** as medium for installation, you must pay attention before selecting the files:

The installationfiles must be in one single parent folder (Subdirectories are allowed) - The directory can be on your harddrive or already on the installation-CD. Example: "D:\".

This proceeding is necessary, that install-us can find the files on the CD again.

Note: You can test CD-Installations on hard-drive first. But this makes it necessary, that all files are in the same directory, in which they can be found on the CD later.

Internet

You can pack all installation-files into one single setup.exe-file. So the user needn't know anything about decompression-utilities like WinZip.

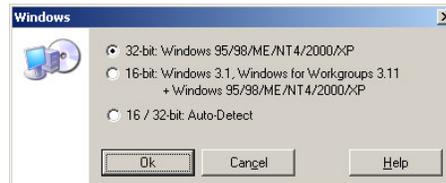
Creating a installation in the One-EXE-Format is as simple as creating a disk / CD-ROM installation. There is no difference except that you will only get on setup.exe as the result of a compilation, which contains all files.

Note: To offer a One-EXE-Installation you have to upload it on a internet server for example. Some browsers in conjunction with some servers do not recognise that the exe file has to be downloaded and show it in the browser window as text file. To avoid disoriented users you should first test this issue with the most popular browsers.

Windows version

Install-us can build installations for Windows 3.1, Windows for Workgroups 3.11, Windows 95/98/ME, Windows NT, Windows 2000 Professional and Windows XP/Vista.

You can specify the target Windows platform via menu **Installation – Windows**.



Windows version

If the software runs only on 16- or only on 32-bit-Systems, the installation should be defined in the same way.

If the software runs on both Windows 16- and 32-bit, the 16-bit-installations is enough for most needs, because it runs on 32-bit-systems as well. But if it is necessary, that registry-entries or other 32-bit typical tasks will be done during installation, you must choose Option **16/32-bit: Auto-Detect**.

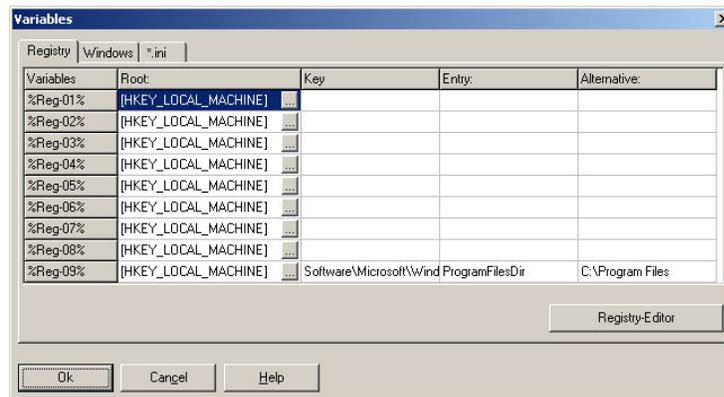
Note: The option **16/32-bit: Auto-Detect** needs more disk space, because the installation programs for both 16- and 32-bit-Version must be available.

Note for 16-bit installation: Please check all directory and filenames, because Windows 3.1 and Windows for Workgroups 3.11 allow only eight characters in filenames.

Variables

Variables give you the possibility to create very complex installations, which can react according to the configuration of the end-user's system.

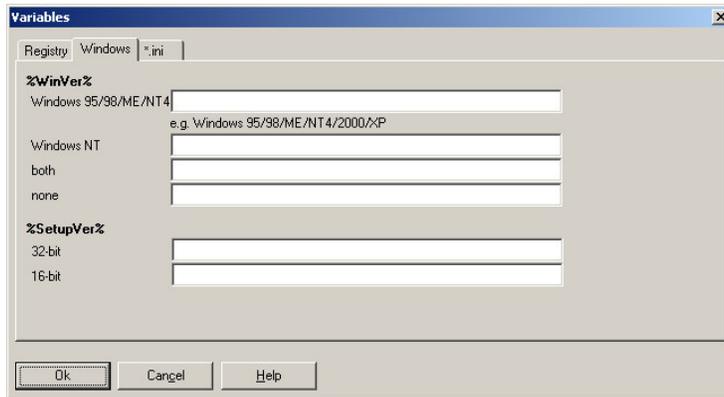
Registry variables



Registry variables

You can set the variables “%Reg-0X%” to the values, which are stored in the user’s registry. Just click the ...-Buttons to select a root. Then you have to define the **key** and the **entry**. If the given value is not accessible in the user’s registry, the default value (**Alternative**) will be taken.

Windows version related variables



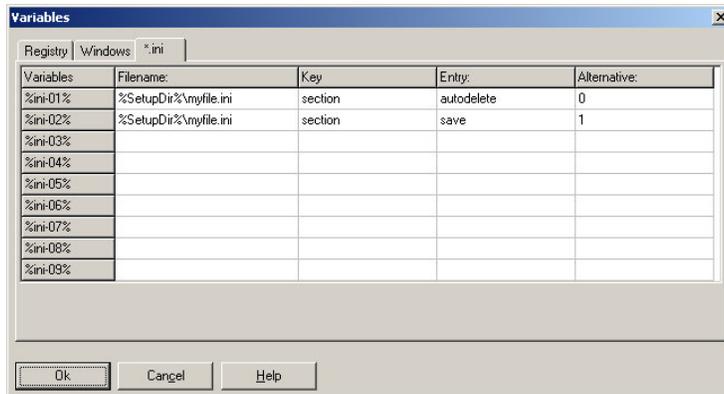
Windows variables

The value of the variable %WinVer% will be one of the texts in the edit-fields.

Example: If the software will be installed on a Windows NT/Window 2000 Professional/Windows XP systems, the variable will turn into the value, which is entered into the edit box **Windows NT**. The variable %SetupVer% will become the value of **16-Bit** or **32-Bit**.

Note: It could be useful to specify one variable in another one. The return-value of the first variable could be used for the second one.

Ini-file variables



ini file variables

To the variables %ini-0X% the values from existing ini-files will be assigned. The **filename** contains the name of the file (you can use variables here), while the **key** defines the name of the ini file section, where the **entry** resides.

If install-us cannot find the ini file or the specified section/entry the default value **Alternative** will be used.

Note for professionals: You can assign the return value of a variable to another variable (recursion). But please be aware of endless loops (stack overflow).

Example 1:

You can use Variables to read information from the registry during installation-time. This information can be the names of directories, which lets you set the installation-directory.

Example 2:

You can display these information to the user.

Example 3:

You can install some files into directories, which are different from the main directory.

Example 4:

You can store the name of the user into the Registry or into an ini- or textfile.

Example 5:

You can create program group entries with Variables as parameters.

Overview of all variables

Name	Value
%SetupDir%	Main installation directory
%ShortSetupDir%	Short version of %SetuopDir% (8.3 notation for Windows 3.1 compatibility)
%SetupDrive%	Drive name of %SetupDir%
%LaunchDir%	Directory, where "setup.exe" is started from
%LaunchDrive%	Drive name of %LaunchDir%
%Windows%	Windows directory
%System%	Windows system directory
%Reg-01% to %Reg-09%	Values from the registry Specify in "1. General settings > Variables"
%ini-01% to %ini-09%	Values from ini files Specify in "1. General settings > Variables"
%Fonts%	Font directory
%WinVer%	Windows system related variable Specify in "1. General settings > Variables"
%UserName%	Username (or other input) specified by the user during installation

%UserReg%	Registration number (or other input) specified by the user during installation
%SetupVer%	Depending on the running installation (16/32-bit) Specify in "1. General settings > Variables"
%Software%	Name of software
%#13%	Line feed
%Date%	Date at installation
%Time%	Time at installation
%DateTime%	Date – time combination
%LangID%	Language index of chosen language
%Language%	Name of chosen language

Other variables:

These variables should not be used any more:

Name	Remark
%Install%	This variable is identical with %SetupDir% (backwards compatibility)
%oldSetupDir%	This variable contains the value of the variable, which was available in the variable %SetupDir% until version 3.56
%SetupDrive%	Drive letter of installation directory
%CDDir%	Source directory for CD installations
%Dir-01%	<not valid any more>

File source

In the file source you tell install-us, what files should be included in your installation. You specify, which file should be installed to which directory (folder) during installation. Additionally you can tell install-us, which links and shortcuts should be created. Each single file can have its own file attributes, which handle the overwriting, the registration as Active-X or SharedDLL.

You can choose between these destination directories:

- Main installation directory %SetupDir%,
- Windows directory %Windows%,
- Windows system directory %System%,
- Font directory %Fonts%,
- Directories with constant names,
- Directories with variable names (e.g. name comes from registry or from configuration files).

Note: Fonts, which are installed in the %Fonts% directory automatically get registered in the system.

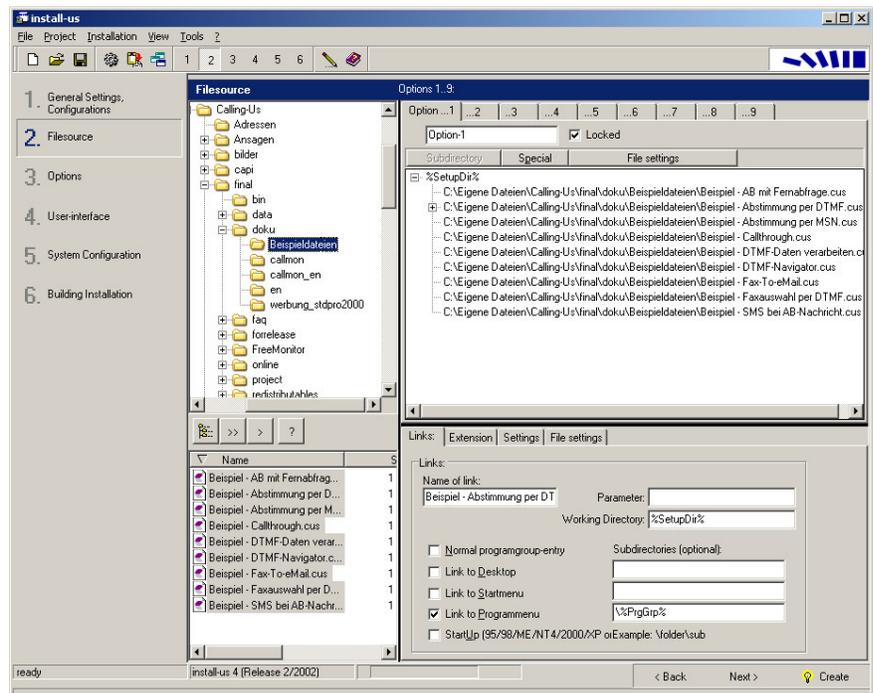
Files and directories

On the left side you can see the **Filesource** directory- and file-listview. You can select single files or entire directories including their sub directories. On the right side you see the destination treeview, where all directories and file references will be listed.

To take one single file into the project, select the file in the file listview and click at the button >. The button >> takes all files into our project, which are in the current selected directory.

By clicking on the button symbolizing a directory structure all files and subdirectories will be inserted in the treeview of our project.

Please note, that you can organize your files in up to nine options. You switch between those options by just selecting the desired page (**Option...1 to 9**) of the destination treeview pagecontrol.



Filesource

The expression `%SetupDir%` within the destination-treeview represents the main installation-directory, which can be changed during setup by the user.

To create a subdirectory just click at **Subdirectory**. A subdirectory named “`%SetupDir%\dirname`” will be added. To change its name doubleclick onto the entry and the rename dialog appears.

If you want to install some files into a directory different from the main-directory `%SetupDir%` click **Special**. Within the next dialog you can select another directory.

Program group entries, links and shortcuts

Install-us is able to create links in a ordinary program group or shortcuts on the Desktop or in the Start-Menu.

Note: The programm group will only be created, if there is at least one entry to make.

Specify a name for the link in **Name of link**. Then just specify the kind of link (or shortcut) you want to be created during installation. If you do want create an additional folder, which contains the links, you can specify its name in the edit fields **Subdirectories (optional)**.

You can add parameters, which can be used by your application when called. You can prompt them in the field **Parameter**.

Some examples: “Test” or “%SetupDir%”.

Additional programgroup entries

Choose menu **Installation - Additional Programgroup-Entries**.

In the following dialog you can specify the name of the links and the links themselves. Within the section **Configuration** you can choose the configuration, when to create the links.

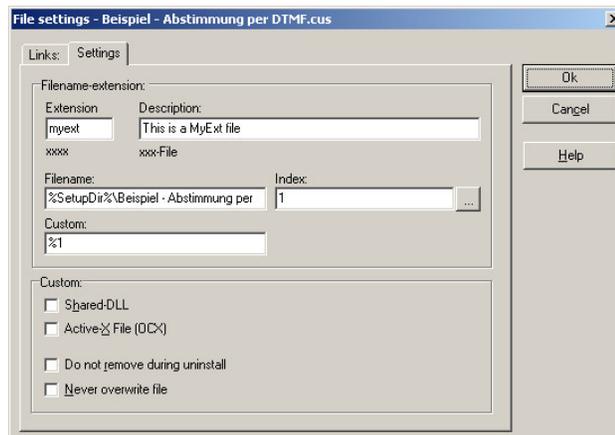
Example: %SetupDir%\program.exe would create a link to the file program.exe in the main-directory of the drive, from which the software is installed.

Filename-extensions

If the user doubleclicks on a datafile in the explorer, a program is started, which automatically opens the calling datafile. If your software includes a program, which can open specific datafiles, you must specify this program and the extension in install-us to register it automatically in the explorer during installation.

Example: If the user clicks on a *.txt-file within the Explorer or the file-manager the standard-editor notepad starts and opens the textfile.

Please choose the program-file in the destination-tree, which you have put into it already, and doubleclick onto it. The dialog “File-Settings appears”:



Settings

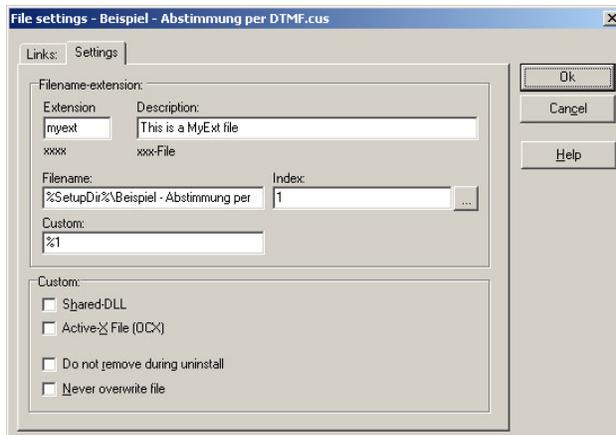
Then go to the page **Settings** and enter you can prompt the **extension** (e.g. xyz) and give it a suitable **description** (e.g. XYZ-Project-File)

Note: If a file calls the program, this program should open the calling file, as it is usual for windows-applications. The name of the calling file is included as a parameter: ParamStr[1].

Select the program-file or another file within the destination-treeview, to which an entry should be created. Doubleclick at the selected item.

ActiveX

To register a file as OCX / ActiveX server, go to section "2. File source" and doubleclick on the file in the destination treeview on the right.



Settings

In the dialog "File Settings" go to the page **Settings** and select the checkbox **Active-X file (OCX)**.

Note: Some ActiveX files need other ActiveX files to be registered before registering themselves. You need to have a look at the documentation of ActiveX controls.

Shared DLL

Windows 95/98/ME, NT4, 2000 Professional and Windows XP/Vista offer the possibility to register DLLs (and other files) as SharedDLLs. Each application, which uses a shared file, must increment a counter at its installation and decrement it at its deinstallation. If the number of referenced files is equal zero, the uninstall application can delete the file.

Options

The user can choose between the configurations (setup-type), which you select in install-us. These configurations are possible:

Typical-, Minimum- and Custom Configuration.

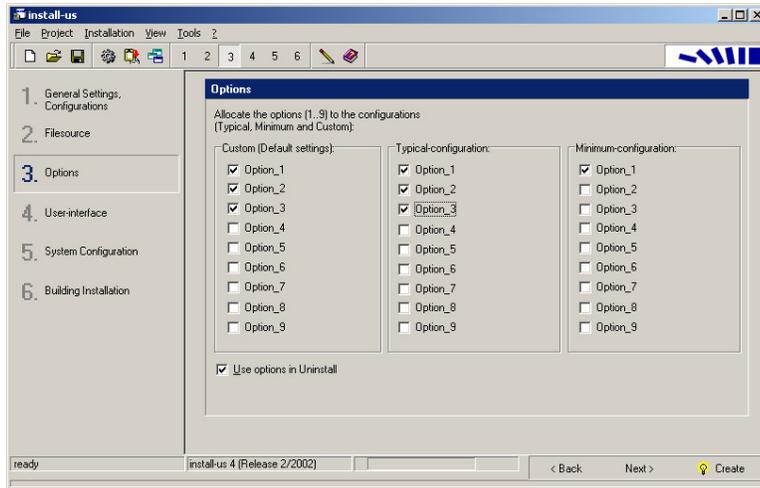
Choosing the Custom-Configuration, the user can specify the single options, which he wants to be installed. Please make sure to take suitable names for the single options!

You can offer up to nine single options to the user in a Custom configuration. The user can choose his own options, which should be installed.

If you want to ensure that one option will be installed in every installation, you can set option-1 as locked.

To be able to use options especially for custom configurations, please ensure that the **Custom**-checkbox is activated in section “1. General Settings, Configurations”.

To assign the different options to different setup types (configurations), please go to section “3. Options”:



Options

See section **Custom (Default setting)** and activate the items, which should be installed by default, if the user chooses Custom-Configuration. The user can select other options in his installation.

In the other configurations please activate the options, which should be installed, if the user chooses the specific configuration. The user cannot change these settings later.

If you want to offer Uninstall with options, just activate the checkbox “Use options in Uninstall”.

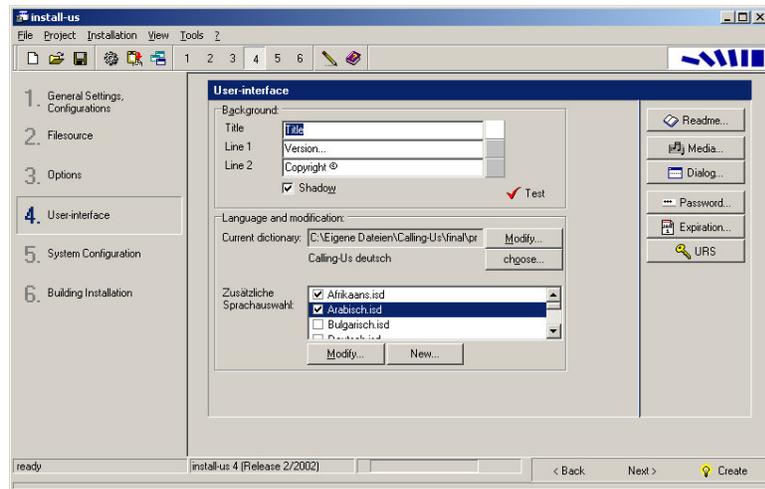
Note: You can change the descriptions of the different setup types (Standard, Minimum, Custom) to make your own spaial installations (e.g. you can rename the descriptions to Network installation, Client/Server installation, etc.) You must go to “4. User interface” and edit the current dictionary file.

User interface

Install-us offers a wide range of possibilities to make a positive first impression to the user of your software. The first impression is very important!

You can add titles, text, bitmaps, Video and Audio.

To do this, please go to section “4. User interface”:



User interface

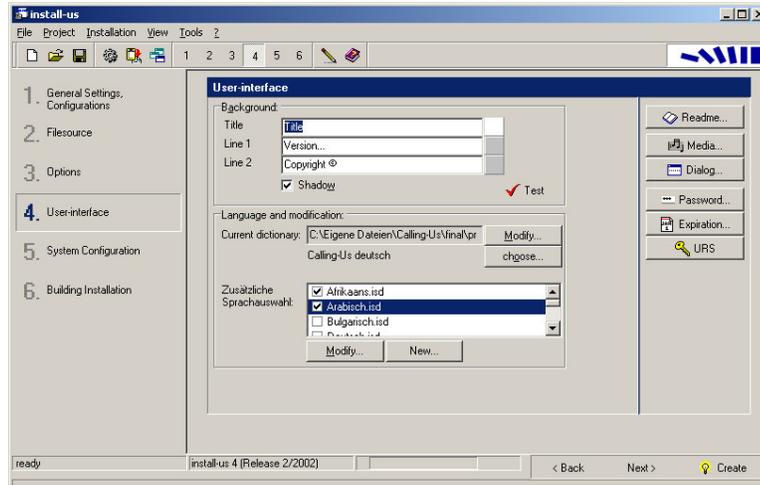
In the section **Background** you can place headlines as title of the setup-wizard in a color of your choice. To change the colors just click at the small buttons at the end of the edit-boxes.

Language selection and text modification

The installation assistant can run with different language dialogs.

These are available at the moment: Afrikaan, Danish, Dutch, English (AE, BE), German, Italian, Polish, Portuguese, Norwegian, Spanish, Swedish, Russian, Turkish and more...

All texts shown during installation can be modified to fit your needs:



User interface

In the groupbox **Language and modification** you can modify all texts shown to the user during installations.

Click onto the button **choose**.

In the following dialog you can select the desired dictionary file (*.isd).

Click onto the button **Modify** to create new dictionary files or to edit existing dictionary files.

Click at **New** and produce your own dictionary..

Remark: You can modify all “Standard-expressions” that they exactly fit your needs. These expressions are shown to the user of your installation-routine during installation.

If you want to use your modifications in other project-files, just save them to another dictionary file and click **Save as**.

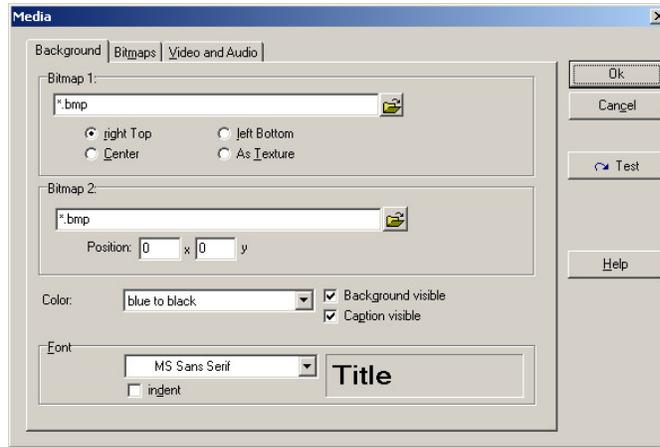
Media

Install-us enables you to give the installation-process a professional look by playing Audio- and Videofiles during the installation-process or showing a sequence of up to ten bitmaps (billboards).

Note: If there is no suitable soundcard or no Video-Codec installed on the system of the user, there will be no error-message and the installation will proceed without interruptions.

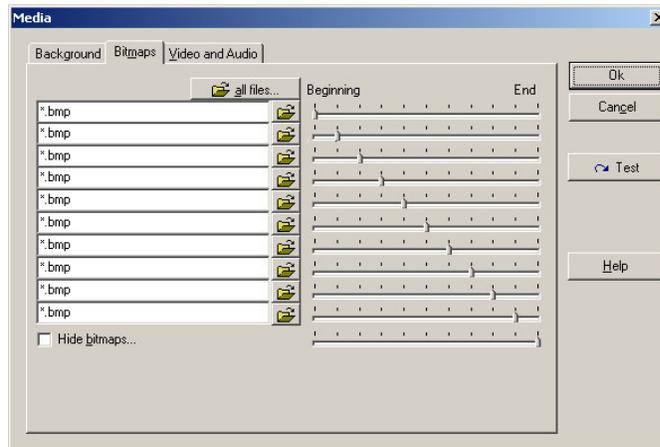
To include media into installation, please press F7 and click onto **Media**.

Note: Note for installations from floppy-disk: All created files, which contain media-files, must be as small, that they fit onto the first installation disk. The installation-program expands all media-files to a temporary directory on the user's system to play them.



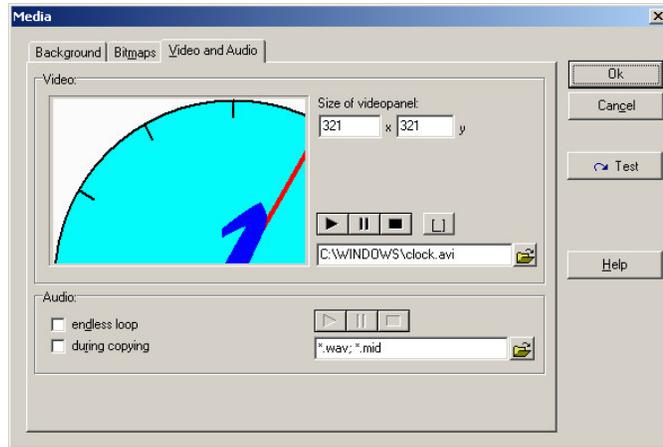
Media - Background

On the page **Background** you can define the look of the background of the Setup-Assistant. You can place **Bitmap 1** in the center of the screen. To save disk space you can set Bitmap 1 **as texture**. To set a picture to absolute coordinates just use **Bitmap 2**.



Media - Bitmaps

If you want to show a slide-show during the installation-process go to page **Bitmaps**. The frame-rate depends from the installation-process directly.



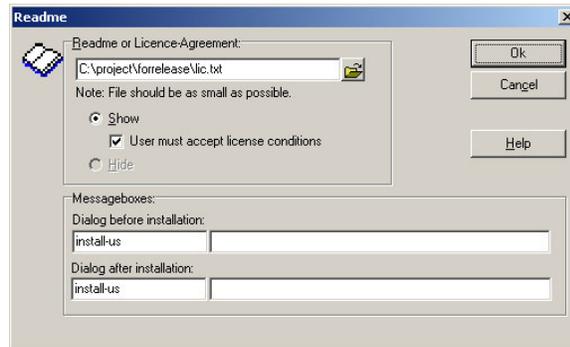
Media –Video and Audio

For showing a video it is recommended that you type in the required x and y-values of the windowpanel (**Size of video panel**).

Readme and message boxes

To add a readme or licensefile to the installation, specify this file in install-us. The text will be shown in the installation-Wizard before installation starts. You can show message boxes before or after installation to give the user instructions or just to welcome him.

Press F7 and click onto the button **Readme**:



Readme

Specify the name of the textfile in **Readme or License-Agreement**.

To show messageboxes during the installation, enter the message into the adequate fields at **Dialog before** or **Dialog after installation**.

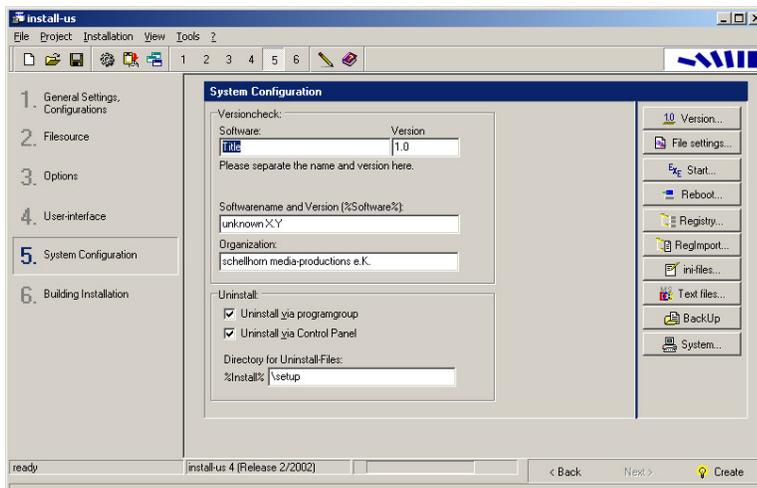
Note: The readme-file will be shown in notepad.exe in 16-bit-installations.

If you want the user to accept the license agreement, you can activate the checkbox **User must accept license agreement**.

System Configuration

Software

Press key F8 to see section “System Configuration”.



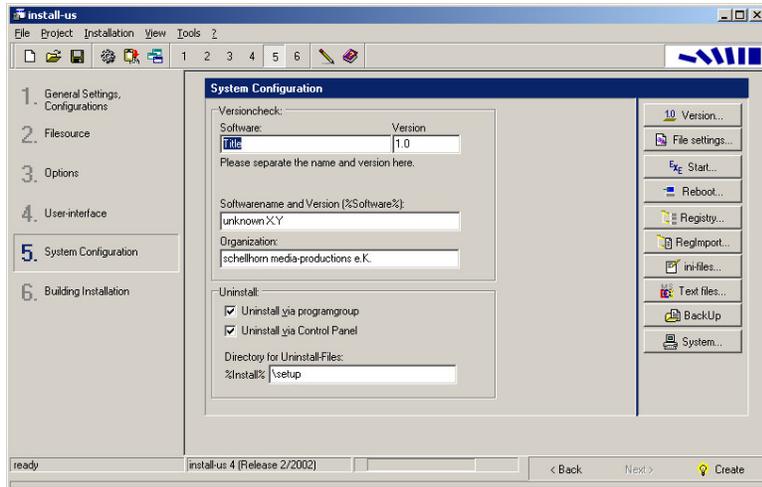
System Configuration

In the groupbox **Versioncheck** you specify the name and **version** of your software. In the edit box **Softwarename and version** you enter the text, which will be shown to the user and is available via the variable `%Software%` during installation.

Note: Please make sure to separate the **name** of the software and the **version** in both of the fields **software** and **version**.

Uninstall

You can offer Uninstall via Program group-entry or via Control Panel. If you want to save diskpace, you can deactivate Uninstall totally.



System Configuration

Press key F8 to see section “System Configuration”.

In the groupbox **Uninstall** you can set the way on which Uninstall should be available. Deactivating both options disables uninstall completely.

In the editbox **Directory for Uninstall files** you can specify the name of the directory, into which all Uninstall-files will be copied to. Deleteting the text will copy the files directly to the main installation-directory %SetupDir%.

Registry

Install-us enables you to add or modify entries in the registry of Windows 95/98/ME, Windows NT 4.0, Windows 2000 Professional and Windows XP/Vista.

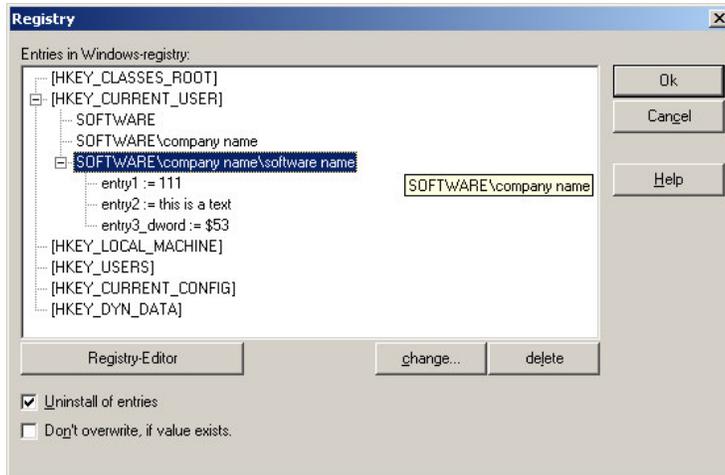
It’s possible, that you store settings in the registry, which are needed by your application. These settings can be queried every time.

It is common that your application stores data in the HKEY_CURRENT_USER or the HKEY_LOCAL_MACHINE root under the key “Software\YourCompany\YourSoftware”.

Note: Please make sure not to change data of other application without knowing what you do. It could result in a total system-breakdown.

Note for Windows 3.1: You can use ini-files to store settings instead.

Choose menu **Installation** - Registry.



Registry

The entries, which you make here, are added to the user's registry. The changes can be undone by uninstalling your software.

Doubleclick at the root to which you want to add entries.

In the next dialog you can specify the keys:

Example: Software\YourCompany\YourSoftware

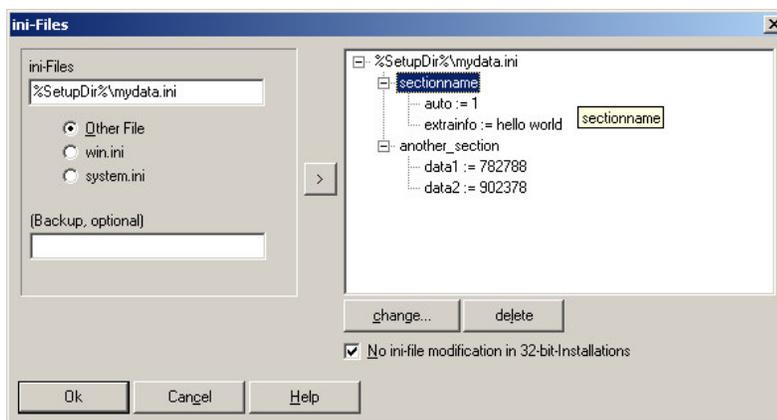
Important: DWORD values can be specified by a leading \$. Example: \$FFFF

Note: You can have a look at the registry of your system by clicking on "Registry-Editor".

Ini files

You can insert or modify entries in ini-files, which are typical for Windows systems, during installation. You can change ini-files in the main-directory or in the Windows directory (win.ini, system.ini or others).

Please press F8 to go to "System Configuration". Then click onto the button **ini-files**:



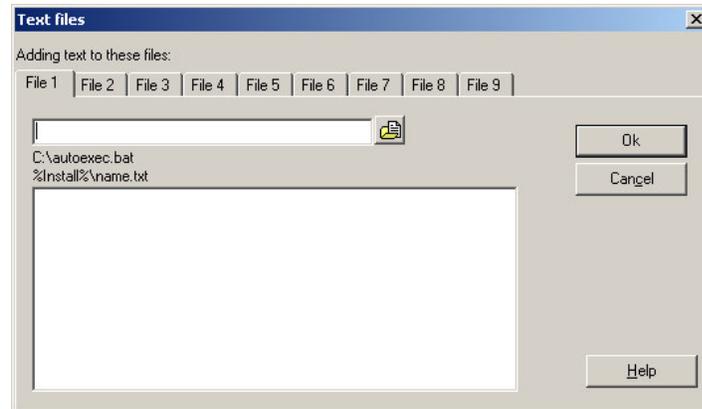
ini files

Specify the name of the **ini-files**, which should be changed. Or just click at **win.ini** or **system.ini** to choose these files. You can specify the name of an optional **backup-file**. To take the setting click at >. The file will be taken into the right treeview. Doubleclick onto the new added item.

Within the following dialog you can specify the the name of the section to change and the entries to make.

Text files

You can add some text to existing textfiles, like autoexec.bat or config.sys.



Text files

Specify the name of the textfile in the top-editfield.

The text typed into the memo will be added to the file during installation.

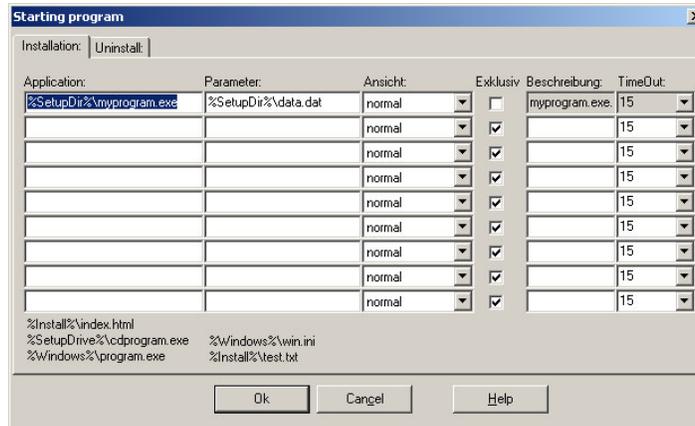
You can modify up to nine files at maximum.

Note: Install-us does not undo changes made to textfilesduring uninstall.

Program start

After successfully installing the software, the installation-routine can start a program automatically. This is very useful to make special system-configurations, which are not implemented in install-us, or to start the installed application of the new software. You can even specify parameters, which are given to the called application.

Choose menu **Installation - Run program/Program start**.



Starting program

Please enter the filename of an executable (program with EXE, COM) or of a datafile to be opened in the associated application (DOC, TXT, HTML). Make sure to use a variable, that install-us is able to find the file on the customers computer as well.

Please specify the name of the directory and the name of the program to be started. Enter this filename into **Application**. Remember, that you can use variables in the filename (e.g. %SetupDir%\myapp.exe).

The **parameter** takes only effect in conjunction with EXE or COM files. You can pass optional parameters to the program (e.g. the name of the installation directory %SetupDir% or other data like %UserName% or %RegNr%)

Have a look at the example:

Application: "%Windows%\notepad.exe"

Parameter: "%SetupDir%\text.txt"

This line starts the standard texteditor of notepad. Notepad then opens the file text.txt, which was installed into the main-installationdirectory.

Via View you can tell install-us how to show the selected programs after program start (only EXE).

If you switch on the checkbox **Exclusive** install-us will wait for the termination of the specified program, until it proceeds with installation.

The **Timeout** specifies the time after which install-us will proceed with the other tasks, when the called program doesn't return.

Please note: The "Exclusive" feature does not work together with all executables.

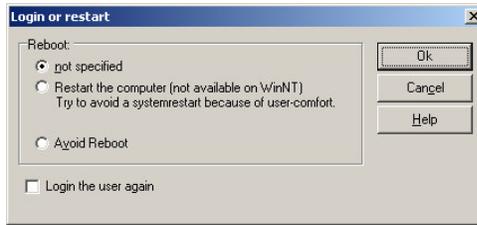
The **Description** will only be shown, when the **Exclusive** option is checked. During the installation a small windows appears with the description inside, hile the associated program is executed.

Reboot

Some installations may require, that the computer is shut down after installation or that the user is relogged in.

Note: If the restart is not allowed by the user or the system, a message appears, which advises the user to restart the system manually.

Select menu **Installation - Restart or Reboot**.



Reboot

Just activate the option you need.

Registry file import

Choose a registry import-file, which you have exported from your registry. The settings of this file will be loaded into the registry during installation.



Registry import

Note: Entries made by loading this file into the registry cannot be undone by uninstall automatically. To create entries, which will be undone, you should specify them in the dialog “**Registry**”.

Version check

If install-us comes across already installed files with the same name and directory, install-us can act differently. It can overwrite files, if the new file has a higher version-information, or not install the file.

Install-us uses the internal versioninfo of the files (e.g. exe and DLL files). If there is no version-information available in the file, install-us can compare the dates of the files.

Choose menu **Installation - Versioncheck**.

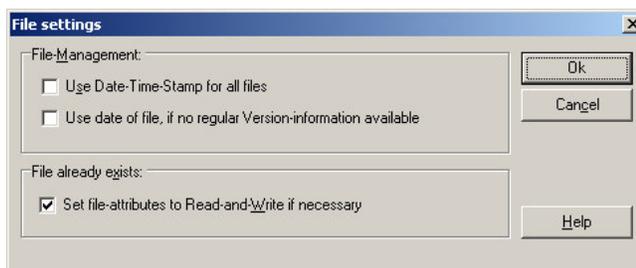


Version Handling

Versioncheck allows to **suggest the uninstall of an old version** before installing the new one.

This function requires, that the name of the software hasn't changed from version to version. Specify the name under section “5. System Configuration” - **Versioncheck - Software**.

File settings



File settings

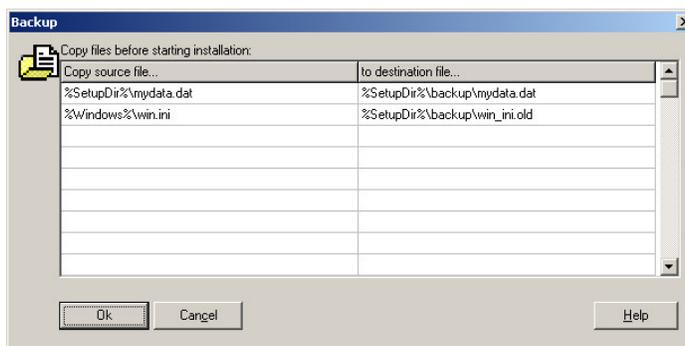
In the dialog **File settings** (“5. System Configuration“) you can tell install-us, what to do, when it should overwrite an existing file: If both files (the new and the existing one) don’t have a version information, install-us can **use the date of file** information of the files. The file with the latest date-time information will stay after the installation. Otherwise install-us will overwrite the existing file.

If the checkbox **Set file-attributes to Read-and-Write if necessary** is checked install-us will replace existing files even if the existing file is write protected. If you do not want install-us to overwrite protected files, you must uncheck this option.

Backup

This feature makes it easy to copy files before the installation process. You can choose constant or variable path as source- and destination directory.

Go to section “5 - System Configuration”:

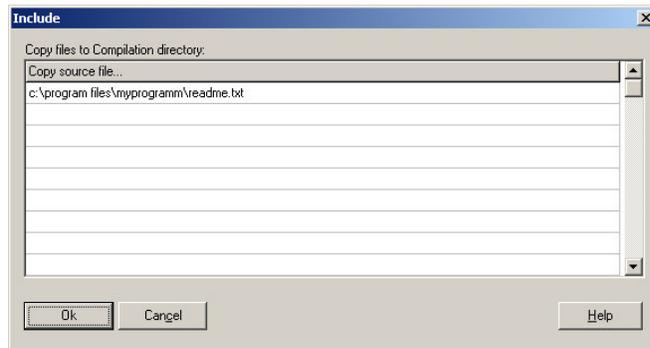


Backup

Specify the **source-** and **destination** filenames in the dialog “Backup”.

Note: When the file does not exist or it cannot be copied because of full disk, there is no error message and install-us will proceed with the other installation steps.

Include files



Include

This feature includes files into the compilation directory.

As you probably may have noticed, install-us always deletes the files in the compilation directory before creating the installation files. Therefore you can **copy** some files, which you define in this dialog, into this directory every time an installation set was compiled.

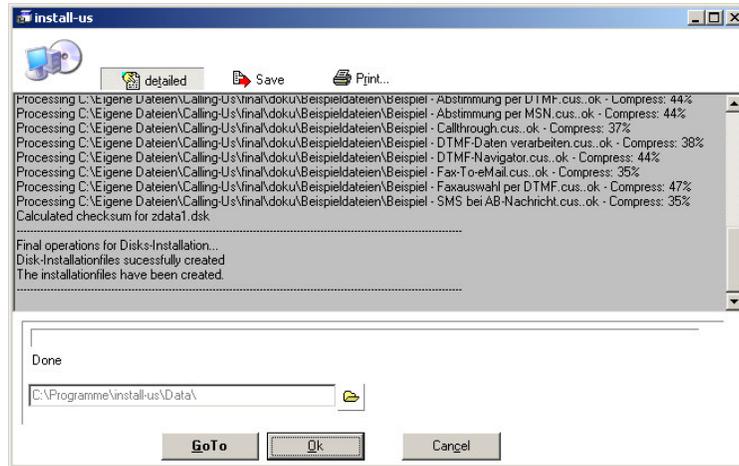
Select menu **Installation - Include uncompressed files** to go to this dialog.

Specify the names of files to be copied to the compilation directory after every single compilation. Make sure to specify the total path. Variables are not allowed.

Building installation

Compile project

You can build the installation you are currently working on at every time. Just click at “6. Building installation”.



Compiling the installation

Click onto the button **GoTo**. Install-us starts creating the installation files. The progress of the compilation work is displayed in a progress bar. After finishing install-us starts the Explorer (this is, what GoTo means). You can then execute the file setup.exe.

Remark: To guarantee an error-free installation, you should test the installation on more systems before distributing your software finally.

To see all details, which can be shown during the creation of the files, click at “>”. You can even save or print this report for future documentation.

Command line usage

To include the creating of installation files into an automatic installation building process install-us offers commandline run. You can create installations automatically on the basis of an install-us project file.

Use these options for command line in the dos box or a batch file:

```
ius.exe /silent <project file> <destination directory> <optional: /cd or /internet>
```

Examples:

```
ius.exe /silent "C:\Projects\projekt.ius" C:\temp
```

```
ius.exe /silent "C:\Projects\projekt.ius" C:\temp /internet
```

Copy files to disk

All installationfiles, which are necessary to install your software at the user's system, are created in one directory on your harddrive. With **Copy files to disk(s)** you get the final disks for distribution very simple:

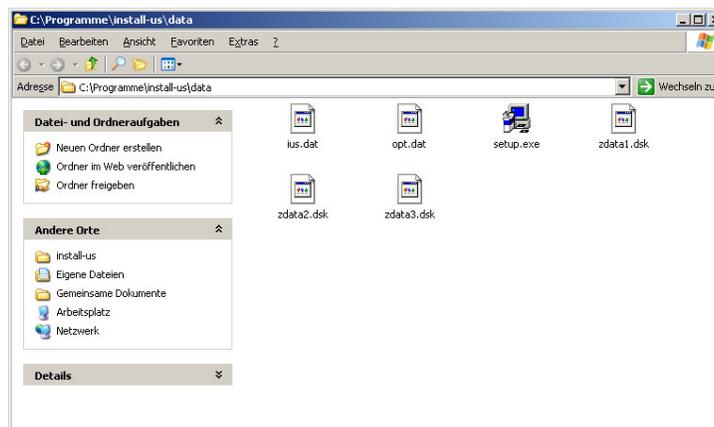
Specify the name of the directory, in which the files have been created, in the text-field at the top. This directory is the same as mentioned in the dialog "Create". Then just simply choose the floppy-drive with the right size.

Click at **Start** to copy the files to the disks.

Note: All files on the disks will be deleted before copying starts.

Test installation

You can start the installation in the Windows Explorer. By default the file setup.exe is created:



Result

Uninstall

Install-us supports Uninstall of software, which was installed with install-us before. On Windows 95/98/ME, Windows NT 4.0, Windows 2000 Professional and Windows XP and Windows Vista uninstall is accessible via Control Panel (item "Software") or via an program group-entry.

You can switch of uninstall-support by deselecting **Uninstall via program group** and **Uninstall via Control Panel** in section "5. System Configuration".

Uninstall includes:

1. Deleting all files in the main-directory, which have been created during the last installation. If the user or the system has put some files into this directory, these files are not deleted.
2. All directories are removed, if there are no files in them, which were created by the user or the system.
3. The registry-entries are removed. Important: Entries made by a importfile cannot be removed!
4. Removing program groupentries and group if empty
5. Removing the uninstall-files

Uninstall does not support:

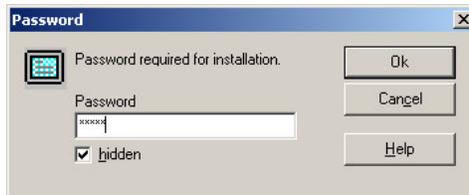
Entries made in ini- or textfiles cannot be made undone.

Protecting your installation

You can protect your software from being installed by unauthorized persons by using these methods:

Password protection

The user must know the correct password to be able to start installation. Without knowing the password the user cannot proceed with the installation after starting. The password is case-sensitive.



Password

Just type in a **password** of your choice.

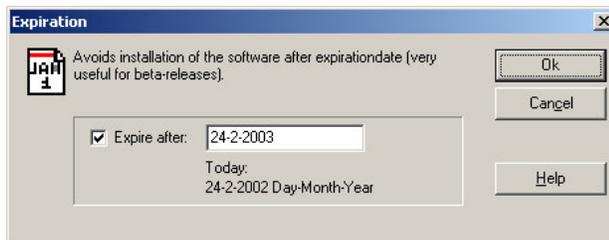
The password is case-sensitive.

Deactivate the checkbox **hidden** to be able to read the password. This setting has no influence to the final installation.

Expiration

You can disable installations after a specific date. Choose menu **Installation - Expiration**.

Note: This function only runs correctly, if the date is set correct on the end-user's system.



Expiration

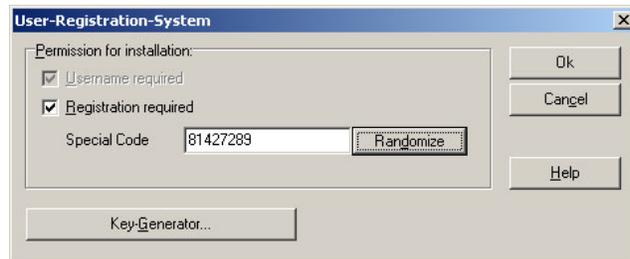
Activate the checkbox **Expire after**. Specify the date, after which the installation should have expired.

Note: This function only runs correctly, if the date is set correct on the end-user's system.

User-Registration-System (URS)

The user has to identify himself through his username and a valid registration-number. Press key F7 and choose item **URS**.

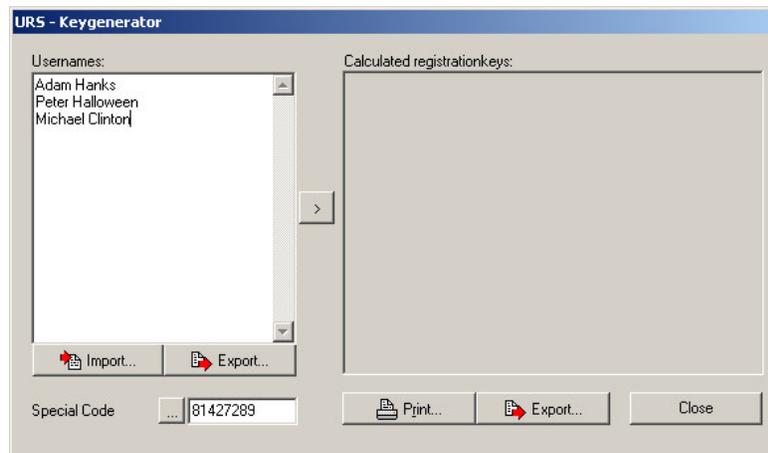
Note: The safety of these functions cannot be guaranteed.



URS

Activate the checkbox **Registration required**. Specify a random number in the field **Special Code**.

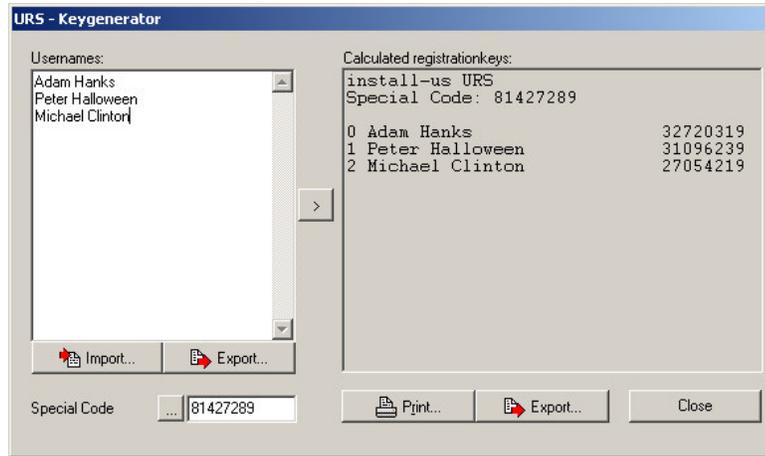
Click onto the button **Key-Generator** to create the keys for your customers.



URS-Keygenerator

Specify the **usernames** in the listbox. Confirm every name through pressing Enter.

The calculation of the registration-keys starts clicking the >-button.



URS-Keygenerator

Notes: The special-code must be the same as the one specified in the field mentioned above. The usernames must have at least eight characters!

Notes about Special-Copy-CD

If all files, which have to be installed on the user's system, are already present on the CD-Rom in unpacked form, it is of course not logical to create an installation, so that all files are present on the CD-Rom for a second time in compressed form.

Why could the uncompressed files be necessary to be present on a CD-Rom? Because some software applications can run from CD directly. This makes sense, if the user does not have enough space available on his harddrives.

As a consequence install-us offers a special feature, which enables you to make an installation, which uses the uncompressed files on a CD-Rom for installation. They will just be copied to the specific directories on the harddrive after version check,...

Preparation:

The files should all be stored in one directory (which can have multiple subdirectories). It is also possible to include the files, if they are already on the CD-Rom.

Example:

The following three files are all stored on drive C: with the common directory “\cd-files”:

C:\cd-files\Program.exe

C:\cd-files\Texts\Information.txt

C:\cd-files\Texts\Information2.txt

On the final CD-Rom these files are located in the directory CD:\install

Example (CD symbolizes the CD-Rom drive):

CD:\install\Program.exe

CD:\install\Texts\Information.txt

CD:\install\Texts\Information2.txt

Next steps to complete CD settings:

Start install-us and go to section “1 – General Settings”. Choose **Special-Copy-CD** as medium for installation and go to the Settings dialog. The dialog with the CD directories to set appears.

Referring to our example we specify the directory during compilation time like this: “C:\cd-files”, while the directory during installation time has to be set to “\install”. Exit the dialog with **Ok**.

Goto section “2 - Filesource” in the assistant. Doubleclick on the directory “C:\cd-files” and click on the take directory button, which is symbolized by a directory structure. The files and directories will be taken in the project.

Create the installation.

If you have chosen **detailed** in the Create dialog, the install-us compiler generates a list, where you can see the paths of every single file, where the setup.exe will be searching for the files.

In our example the list should look similar to this list:

Processing C:\cd-files\Program.exe

...ok Root:\install\Program.exe

Processing C:\cd-files\Texts\Information.txt

...ok Root:\install\Texts\Information.txt

Processing C:\cd-files\Texts\important2.txt

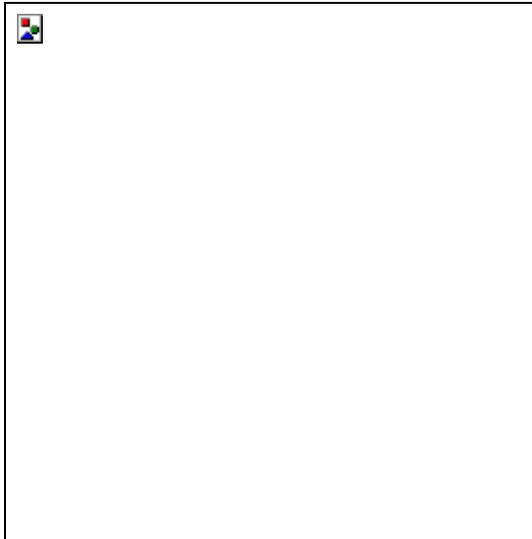
...ok Root:\install\Texts\information2.txt

Note: “Root:” represents the letter of the CD-Rom drive, which will be available on the user’s system.

Now you can create the CD-Rom with the installation files. Make sure to copy the files to the directories specified in the “Settings”-dialog!

CD-Manager

Introduction

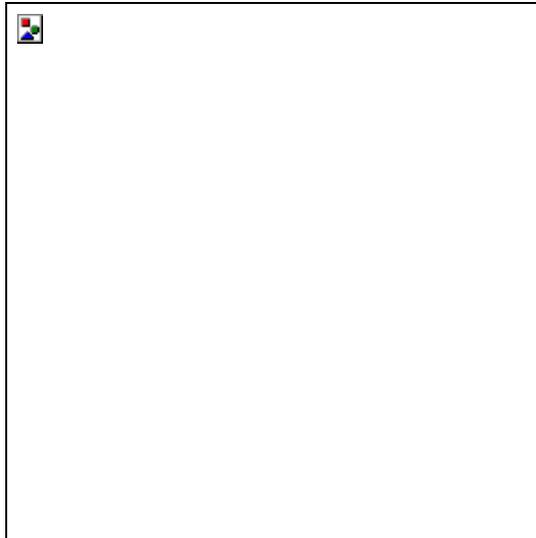


The install-us CD-Manager offers a simple method of creating Autorun-CDs with a special menu. The user can decide what to do after inserting the CD. He can install the application, you included onto the CD, or he can open special documents provided with the CD-ROM.

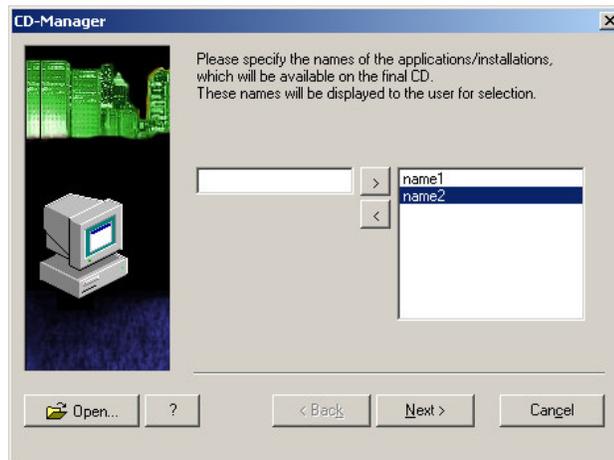
The CD-Manager enables you to list all available installations/ applications on a CD-Rom in one single list. In this list the user can inform himself about the single options and run the installation/ application directly.

Usage

Go to menu **Tools** and select **CD-Manager** or start the CD-Manager directly from the install-us Program folder. The Wizard interface leads you through the configuration very easily.



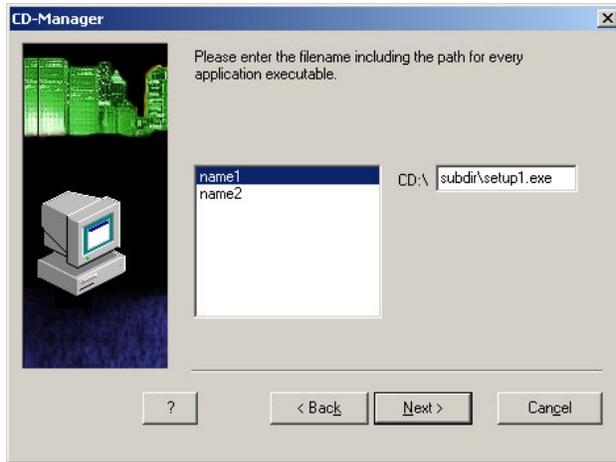
In the first screen of CD-Manager you have to specify the names of all applications, which you want to be startable from the final CD-Manager:



CD-Manager

Confirm every single name by clicking **>**. The names will appear in the right listbox. To remove a single item again, click at **<**.

Go to the next screen by clicking onto the button **Next**.

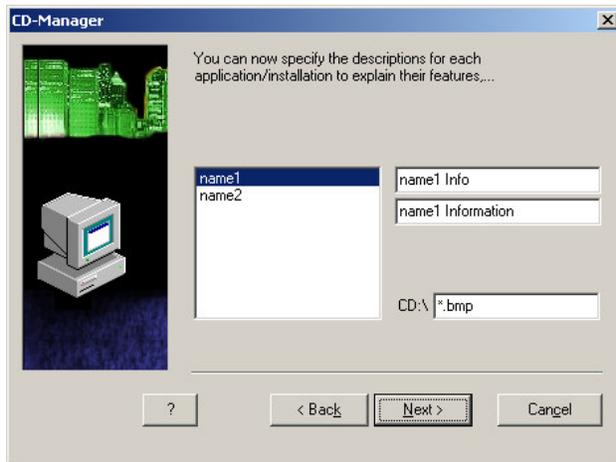


CD-Manager

Select the first entry in the listbox on the left. Then you have to specify, where CD-Manager can find the executable. Example: If the exe-file is located in D:\install\setup.exe on your CD-drive you have to put in "install\setup.exe". The final CD-Manager will automatically add the appropriate drive letter.

Go through the list and enter the appropriate paths for all other applications.

Go to the next screen by clicking onto the button **Next**.

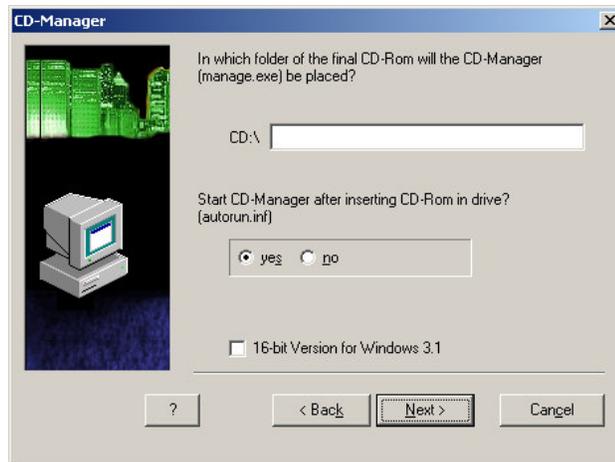


CD-Manager

In this screen you have to put some general informations in the fields, which will be displayed to the user. Select the first entry again and specify the information texts. The first text (Info) has to be a short description, while the information text may be longer.

Optionally you can specify a bitmap file, which will be displayed in the layer at the bottom of the text. You have to specify the path and the filename in the same way as the filename of the exe-files. Example: "install\setup.bmp"

Go to the next screen by clicking onto the button **Next**.

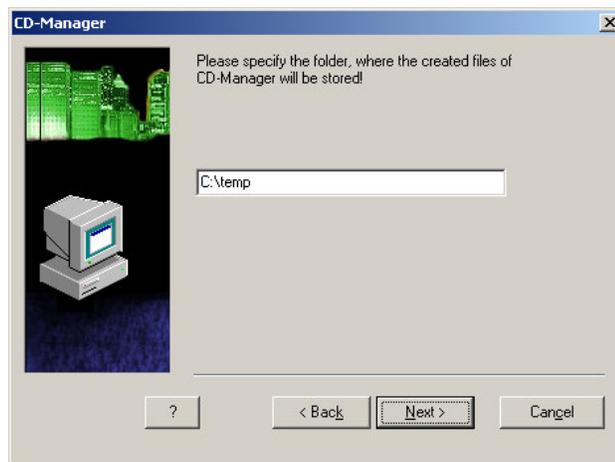


CD-Manager

Now you have to specify, where the final CD-Manager (the file `manage.exe`) will be located on the CD. This is necessary, because the CD-Manager has to convert your directory names into relative ones: Example: If you want to place `manage.exe` in `D:\manage.exe` you have to specify the path like this: "" (empty). If you want to put it in `D:\install\manage.exe` you have to set it to "install".

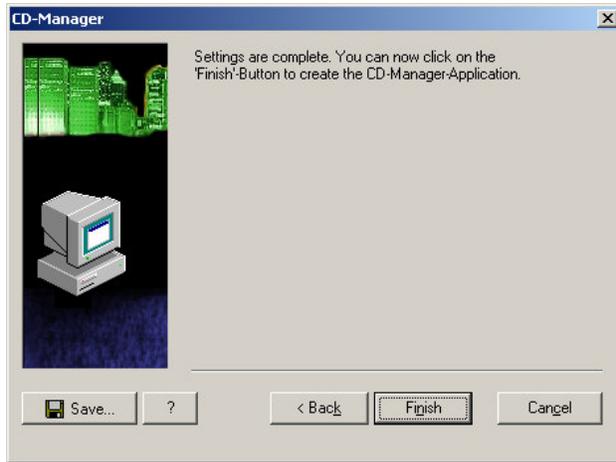
In the same screen you can select, whether to create a `autorun.inf`, which starts the CD-Manager automatically after inserting the CD-Rom. You have to put this file in the main directory of the CD.

Additionally you can offer a 16-bit version (`manage16.exe`).



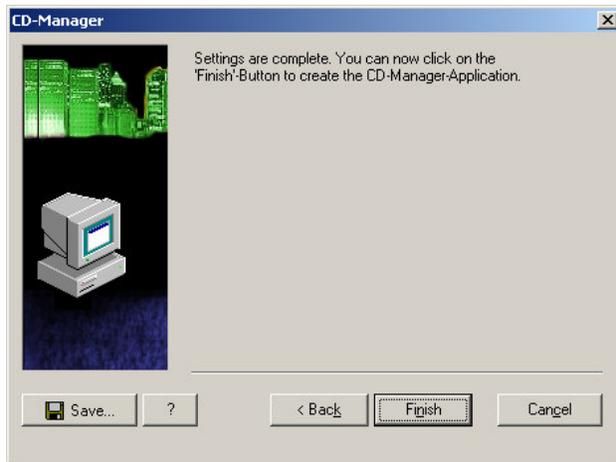
CD-Manager

In the next screen, you have to set the directory, where CD-Manager Compiler will create the files. You finally have to copy the created files to the directories on the CD, which you have specified before.



CD-Manager

In the next screen you can modify the user information.



CD-Manager

Finally you have to click at **Finish**, which will create the files. It is recommended to save your settings via **Save**, that you can modify your settings later.

Creating an Autostart-CD

Windows 95/98/ME, NT 4.0, 2000 Professional and Windows XP allow to start a program on a CD-Rom after inserting automatically. A special file has to be copied into the root of this CD, which contains a link to the program on the CD.

You can create this file by using the Autorun-CD feature in install-us. Select menu **Tools - Autorun-CD**.

Choose the directory and the filename, which has to be started after inserting. There is no drive-letter necessary.

Example: Programs\Program.exe

Note: The created file (autorun.inf) has to be copied in the root directory of the CD-Rom and the linked programfile to the directory. This option is only available for CD-Roms.

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