WebApp™ Auto-Install Help Contents {ewc HLP256, HLP256_TILE, paper.bmp}

WebApp™ Auto-Install is a utility program designed to let you automate the process of installing Microsoft Windows applications that you retrieve from the Internet via a World Wide Web browser.

Click on any of the topics below to get more information.

WebApp Auto-Install documentation

WebApp™ Overview

Initial Setup

Using WebApp Auto-Install to install applications

Creating archives to be installed by WebApp Auto-Install

Troubleshooting

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About WebApp Auto-Install (Technical Information)

License, Registration, and Distribution Information

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Glossary

Initial Setup of WebApp™{ewc HLP256, HLP256_TILE, paper.bmp}

Now that you have WebApp™, what are you supposed to do with it?

Your primary task is to configure your web browser so that when it comes across a WAI (WebApp file), the browser will know what to do with it.

Click on either of the topics below to learn more about them.

Web Browser Configuration

Using Virus Protection Software

Web Browser Configuration {ewc HLP256, HLP256_TILE, paper.bmp}

When you install WebApp on your system, WebApp is ready to install applications archived with the WebApp Auto-Install protocol (marked with a WAI extension).

Depending on your web browser, however, you may need to set up your browser to recognize applications in the WebApp Auto-Install format (*.WAI) and to find the WebApp Auto-Install executable (WEBAPP.EXE).

Configuring NCSA Mosaic

If you use the NCSA Mosaic browser, then you can easily configure it with the Mosaic Browser Configuration Dialog.

You get to the Mosaic Browser Configuration Dialog through the WebApp Main Configuration Dialog.

Configuring Other Browsers (like Netscape)

If you are not using NCSA Mosaic, the easiest way to tell if your browser already knows about WebApp is to download an application. Sample applications that use the WebApp protocol can be found at the following URL:

http://ike.engr.washington.edu/iat/doc/webapp.html

If your browser does not recognize the WebApp Auto-Install archive, it will prompt you with a dialog asking you to specify the full pathname of the WebApp Auto-Install executable. The executable is named WEBAPP.EXE and the default installation directory is C:\WEBAPP.

If your browser doesn't recognize WebApp archive and doesn't prompt you to enter the location of the executable, then you may have to read the browsers documentation to find out how to install a new MIME type and associate it with an executable.

NOTE: The executable is sometimes referred to as an external viewer or helper application.

The MIME type for WebApp is **application/webapp** (technically the type is application and the subtype is webapp).

Mosaic Browser Configuration Dialog {ewc HLP256, HLP256_TILE, paper.bmp}

You get to this Configuration Dialog by clicking on the Web Browser Button in the Main Configuration Dialog of WebApp. Through this dialog, you set up NCSA Mosaic to use WebApp and to recognize the WebApp Protocol (*.WAI).

This dialog adds or removes the MIME type for WebApp Auto-Install to the NCSA Mosaic WWW Browser configuration file. Note: You must restart the Mosaic browser for these changes to take effect.
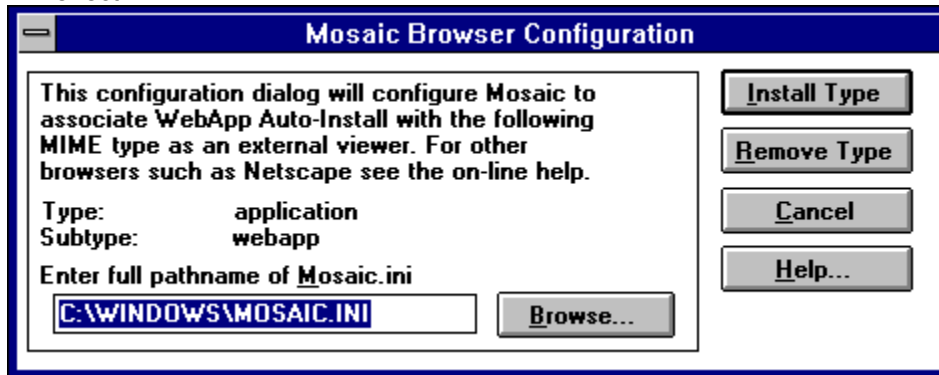
Note: This dialog can only be used to configure the NCSA Mosaic web browser; you cant used it to configure other browsers. (See Web Browser Configuration.)

Enter full pathname of MOSAIC.INI

You use the Browse button to find the location of your MOSAIC.INI file with a common dialog.

Install Type

You click on this button to add an association to NCSA Mosaic so it recognizes the MIME type (application/WebApp) and links it to the WebApp Auto-Install executable (WEBAPP.EXE).

Remove Type

You click on this button to remove the association you added to NCSA Mosaic between the MIME type and the WebApp Auto-Install executable.

Creating WebApp Auto-Install archives {ewc HLP256, HLP256_TILE, paper.bmp}

Note: You need the following help only if you have an application you wish to archive and distribute using the WebApp Auto-Install protocol.

To create an archive using the WebApp Auto-Install protocol, you follow four basic steps:

1. Edit the installation configuration file with a text editor.

2. Create the archive with your application's files and the file WEBAPP. (See MKWAI.BAT.)

3. Run WebApp Auto-Install with the archive to test the installation.

4. Place the archive on a server that has been configured to support WebApp

Because you may have build and test the archive several times due to changes in the installation configuration, we recommend creating a program item for each step.

Creating WebApp archives- Configure Server {ewc HLP256, HLP256_TILE, paper.bmp}

In order to distribute an archive for WebApp Auto-Install, you need to configure the Web Server to identify the archive with the correct MIME type. The MIME type for WebApp Auto-Install is as follows:

Type: application
Subtype: webapp
Extension: wai

To configure the server, you may need to add a line to the special server configuration file named MIME.TYPES, and then reboot the server.

Add the following line to MIME.TYPES to have the server associate the file extension .WAI with the MIME type "application/webapp":

application/webapp   wai

You will probably need to contact the site administrator in order to make this change since access to the server configuration is usually restricted.

Authoring Tools - MKWAI.BAT {ewc HLP256, HLP256_TILE, paper.bmp}

WebApp Auto-Install includes a short batch file--MKWAI.BAT--that assists you in [creating an archive](#) with the [WebApp Auto-Install protocol](#).

The batch file works in these steps:

- You need to run the batch file from the parent directory of the directory where your application is located.

- The batchfile takes a single parameter--the name of the application directory (do not include the path).

- The batch file then runs the archiver program--LHA--with the appropriate parameters to create a self-extracting archive.

- Finally, the batchfile changes the archive extension from .EXE to .WAI.

You need to make sure LHA.EXE is in a directory in the path. However, you can edit the MKWAI.BAT with a text editor to run LHA from a specified directory or to run a different archiver program. In the batch file %1 represents the name of the application directory which is given when you run MKWAI.BAT.

WebApp Protocol {ewc HLP256, HLP256_TILE, paper.bmp}

The WebApp Auto-Install protocol requires an archive to have the following three attributes:

1. The archive includes the installation configuration file, WEBAPP along with the other files in the archive.

2. The archive is a self-extracting archive (to remove from the user the burden of finding, installing and licensing the de-archive program).

3. The archive has the extension .WAI.

See Also: Creating WebApp Auto-Install archives

Creating WebApp archives - Configure Installation {ewc HLP256, HLP256_TILE, paper.bmp}

WebApp allows you to do many of the standard procedures necessary to install an application. You control which of these features WebApp uses by setting entries in the installation configuration file, WEBAPP, which you include with the other files in the self-extracting archive that you will distribute.

The following list summarizes the installation feature and its associated entries in the WEBAPP file:

- Adding program items -- [ProgramItemN] -- sections
- Associating file extensions -- [Registration] -- section
- Set directory pathnames in INI files --INIFilesToFixup -- entry
- View a readme file -- ReadmeFile -- entry
- Run the program -- CommandLine   --entry

WebApp Protocol - The installation configuration file, WEBAPP {ewc HLP256, HLP256_TILE, paper.bmp}

The installation configuration file is included in an application archive to control the installation procedure and provide WebApp Auto-Install with information about the program.

Click an entry or section in the following list for information on its use:

[WebAppAutoInstall]

- [CommandLine](#)
- [ReadmeFile](#)
- [CustomSetup](#)
- [BlockAutomaticAddItem](#)
- [InstallGroup](#)
- [INIFilesToFixup](#)

[ProgramItemN]

[Registration]

[WebAppAutoInstall] - CommandLine

Command line to run the program after installation. Also used for default program item if no program item sections are specified.

[WebAppAutoInstall] - ReadmeFile

Name of Readme file if any.

[WebAppAutoInstall] - CustomSetup

Command line of custom setup program. If specified, this program is run just before program items are added.

[WebAppAutoInstall] - BlockAutomaticAddItem

Set to N allows WebApp Auto-Install to add program items. You will want to set this to Y if you have a custom setup program that adds items.

[WebAppAutoInstall] - InstallGroup

This is a suggested program group name. It will be used as the default group for the program items but WebApp Auto-Install allows the user to choose the group. Small applications with few program items should generally leave this entry empty.

[WebAppAutoInstall] - INIFilesToFixup

This feature allows you to supply a list of INI files for your application which need the pathname of the install directory in certain places. Use the keyword WEBAPP_INSTALLDIR in the INI files. It will be replaced by the full path of the install directory.

The list may contain up to 10 files separated by semi-colons.

WEBAPP file section - [ProgramItemN]

Note: [ProgramItemN] represents one of up to 20 sections titled [ProgramItem1], [ProgramItem2], etc.

Description   Descriptive title for icon.

CommandLine Command Line of item.

Directory   Working directory (specify only when it is a sub-directory of the installation directory).

IconFile   Optional name of icon (.ICO) file or executable to get icon from. If not specified the executable for the command line will be used.

IconIndex   Icon index in the executable (not used if an icon file is specified).

WEBAPP file section - [Registration]

This section supplies information to be registered in the Registration database. See help for REGEDIT.EXE for more information on the Registration database. WebApp Auto-Install always makes the association If the file type or extensions have previously existing associations, they will be overwritten.

FileType Descriptive name for files with the listed extensions (e.g. Picture Files)

CommandLine Command Line of program to associate with a file of this type (be sure to include path relative to install directory if program is in a sub-directory)

Extensions Comma-separated list of extensions (e.g. bmp, pcx, gif)

Using WebApp Auto-Install to install applications {ewc HLP256, HLP256_TILE, paper.bmp}

The real beauty of WebApp is in the time and hassle it saves you.   With WebApp you can pull an application off a World Wide Web page and let WebApp install it onto your system without you having to mess with creating program groups, icons, opening DOS windows, etc., etc.

WebApp Auto-Install has configuration options that let you decide which directory you want an application installed and how to proceed after installation. The following outline charts the procedure of installing the application.

1. Get the install directory. (2 methods)

    Use auto-install directory

    User selects install directory

2. *Scan archive for viruses (if enabled)

3. Run the self-extracting archive

4. *Scan extracted files for viruses (if enabled)

5. Run an application-supplied custom setup program if there is one

6. Post-installation setup and execution (2 options)

    Choose program group

    Run program immediately (items added to default program group)

* virus protection software not included - see Using Virus Protection Software

See Also: Configuration Dialog

Get Install Directory Method - Use auto-install directory {ewc HLP256, HLP256_TILE, paper.bmp}

You select this option by turning **on** the "**Always install in Auto-Install directory**" check box in the Configuration Dialog.

WebApp Auto-Install automatically creates a directory under the auto-install directory. If the application has already been installed before, you may get an Overwrite Prompt Dialog.

See Also: Using WebApp Auto-Install

Get Install Directory Method - User selects install directory {ewc HLP256, HLP256_TILE, paper.bmp}

You select this option by turning **off** the "**Always install in Auto-Install directory**" check box in the Configuration Dialog.

When you use this method, youll have to enter the install directory in the Select Install Directory Dialog each time WebApp Auto-Install installs an application.

See Also: Using WebApp Auto-Install

Post-Installation Option - Choose program group {ewc HLP256, HLP256_TILE, paper.bmp}

You select this option by turning **off** the "**Run program immediately after installation**" check box in the Configuration Dialog.

When this option is **on**, WebApp Auto-Install gives you the Installation Confirmation Dialog after the application has been successfully installed. This dialog lets you set the program group where the items supplied by the application will be added.

If you have not set "**Always add item to default program group**" in the Configuration Dialog, then the group name defaults to the group name supplied by the application if there is one; otherwise, the default group name you supplied in the Configuration Dialog is used. You can select an existing group from the drop-down list or enter a new group to be created.

See Also: Using WebApp Auto-Install

Post-Installation Option - Run program immediately {ewc HLP256, HLP256_TILE, paper.bmp}

You select this option by turning **on** the "**Run program immediately after installation**" check box in the Configuration Dialog.
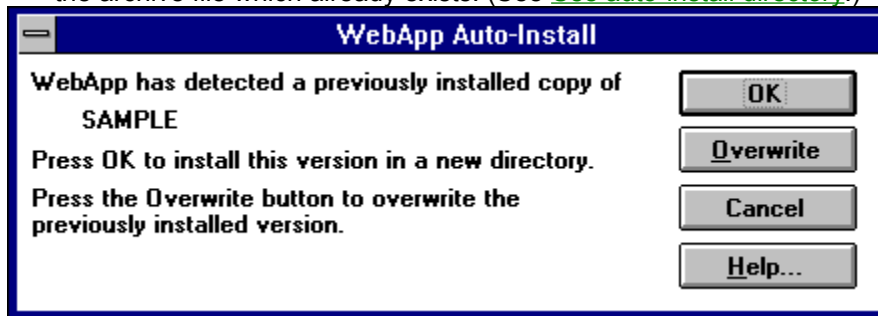
When this option is **on**, WebApp Auto-Install automatically adds any program items supplied by the application to a default program group.

If you have set "**Always add item to default program group**" in the Configuration Dialog, then WebApp Auto-Install always uses your default program group. Otherwise, the application may supply a program group name which will be used instead.

See Also: Using WebApp Auto-Install

Overwrite Prompt Dialog {ewc HLP256, HLP256_TILE, paper.bmp}

This dialog appears when WebApp tries to automatically create an install directory named after the archive file which already exists. (See Use auto-install directory.)

WebApp Auto-Install

WebApp has detected a previously installed copy of
   SAMPLE

Press OK to install this version in a new directory.

Press the Overwrite button to overwrite the previously installed version.

[OK]

[**O**verwrite]

[Cancel]

[**H**elp...]

Note: The OK button directs WebApp to create a new directory name by appending a number to the archive name.   Cancel aborts the installation.
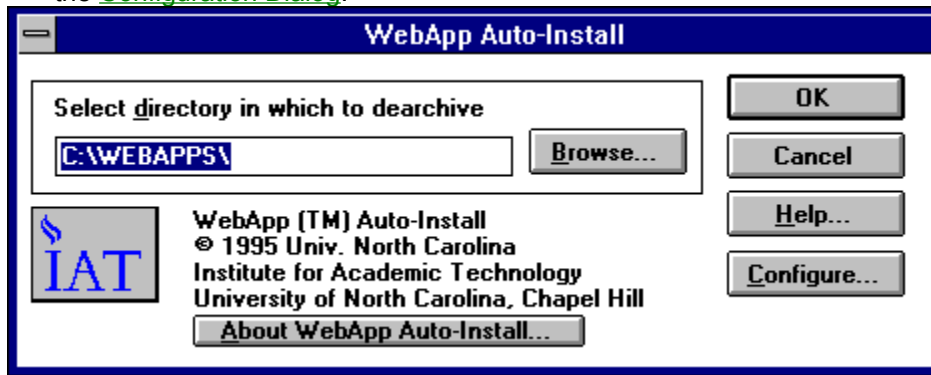
See Also: Using WebApp Auto-Install

Overwrite

Click this button to install the application in the directory named after the archive file.

Select Install Directory Dialog {ewc HLP256, HLP256_TILE, paper.bmp}

You use this dialog to select the install directory.

This dialog appears when you have turned **off** the "**Always install in Auto-Install directory**" in the Configuration Dialog.
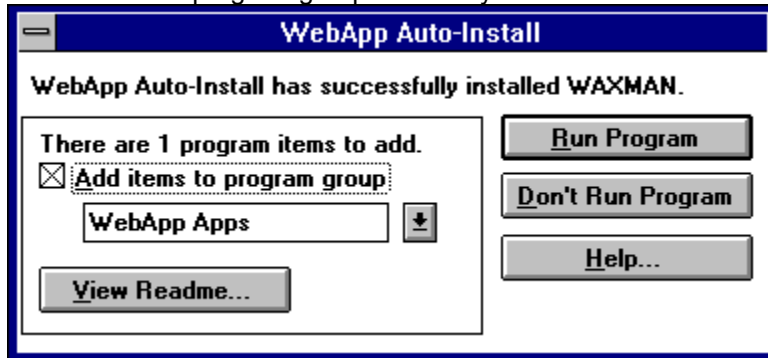

See Also: Using WebApp Auto-Install

Select directory in which to de-archive

Enter the pathname for the install directory. This field is initialized with the parent directory of the last install directory.

Installation Confirmation Dialog {ewc HLP256, HLP256_TILE, paper.bmp}

This dialog informs you that the application has been successfully installed. It allows you to choose the program group to which you would like the items if any to be added.

See Also: <u>Using WebApp Auto-Install</u>

Add items to program group

When this option is checked, program items will be added to the specified group after you close this dialog.

Enter a group name in the edit field or choose an existing group from the drop-down list.

View Readme

If the application has a Readme file, you can open it easily with this button before you run the program. This button does not close the dialog.

Run Program

Click this button to closes the dialog and run the application.   The application will run after adding any program items.
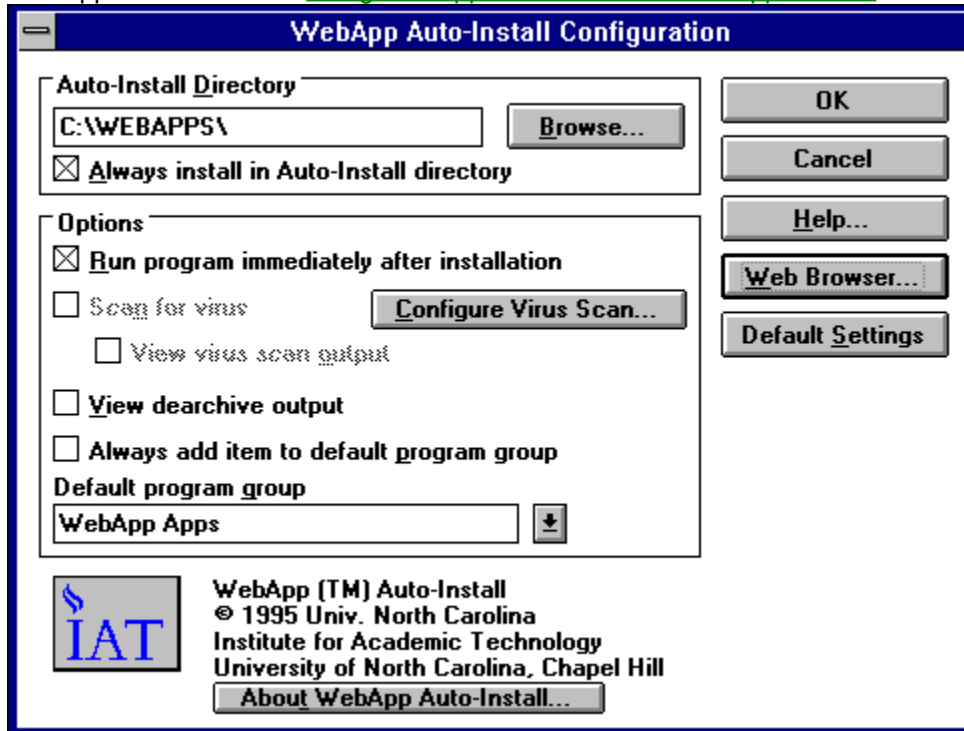
Don't Run Program

Click this button to close the dialog without running the application.

NOTE: Program items will be added if specified.

Configuration Dialog {ewc HLP256, HLP256_TILE, paper.bmp}

The configuration dialog contains options that allow you to control certain aspects of the installation procedure. Click on an item to find out more about what it does. If you are not familiar with the use of WebApp Auto-Install see Using WebApp Auto-Install to install applications.

```
┌─────────────────────────────────────────────────────────────────┐
│ ■  │        WebApp Auto-Install Configuration                    │
├─────────────────────────────────────────────────────────────────┤
│ ┌─Auto-Install Directory───────────────────┐      ┌───────────┐  │
│ │ C:\WEBAPPS\            │  Browse...  │    │      │    OK     │  │
│ │ ☒ Always install in Auto-Install directory│      └───────────┘  │
│ └──────────────────────────────────────────┘      ┌───────────┐  │
│ ┌─Options──────────────────────────────────┐      │  Cancel   │  │
│ │ ☒ Run program immediately after installation│    └───────────┘  │
│ │ ☐ Scan for virus    │ Configure Virus Scan...│   ┌───────────┐  │
│ │    ☐ View virus scan output                │    │   Help... │  │
│ │ ☐ View dearchive output                    │    └───────────┘  │
│ │ ☐ Always add item to default program group │    ┌───────────┐  │
│ │ Default program group                      │    │Web Browser...│ │
│ │ WebApp Apps              │ ▼ │             │    └───────────┘  │
│ └──────────────────────────────────────────┘    ┌───────────┐   │
│ ┌────┐  WebApp (TM) Auto-Install              │Default Settings│ │
│ │ IAT│  © 1995 Univ. North Carolina          └───────────┘     │
│ │    │  Institute for Academic Technology                       │
│ └────┘  University of North Carolina, Chapel Hill               │
│         │ About WebApp Auto-Install... │                        │
└─────────────────────────────────────────────────────────────────┘
```

See Also: Using WebApp Auto-Install

Default Settings

Press this button to restore all controls except the Auto-Install Directory to their default installation settings.

Auto-Install Directory

Enter the directory where you would like WebApp Auto-Install to automatically install applications.

Always Use Auto-Install Directory

Turn on this option to avoid being prompted for the install directory.

See Also: [Using WebApp Auto-Install](#)

Run program immediately after installation

Turn on this option to run the program immediately after installation and to avoid seeing the Installation Confirmation Dialog.

See Also: Using WebApp Auto-Install

Scan for virus

WebApp Auto-Install lets you protect your computer from viruses in downloaded software by automatically scanning the files for viruses.

To enable the "**Scan for virus**" check box, WebApp Auto-Install must be properly configured with the information necessary to run the virus scanning program.

See Also: Using Virus Protection Software

View virus scan output

Use this option to check the output of the virus protection software. This option causes WebApp Auto-Install to pause in the DOS shell that executes the virus-scanning program. You will be prompted to press a key to continue. If your virus protection software is a Windows program, then this option only causes it to run in an open window rather than minimized.

View de-archive output

Use this option to check the output of the self-extracting archive. This is especially useful if an error occurs while de-archiving so you can see any messages that may be output. This option causes WebApp Auto-Install to pause in the DOS shell that executes the self-extracting archive after the files have been extracted. You will be prompted to press a key to continue.

See Also: Troubleshooting

Always add item to default program group

Turn on this option to prevent an application from creating a new group for its icons.

Default program group

Enter the name of the program group where you would like program items to be installed. If the application supplies a program group name, then it will be used unless you turn on the "**Always add item to default program group**" check box.

Using Virus Protection Software {ewc HLP256, HLP256_TILE, paper.bmp}
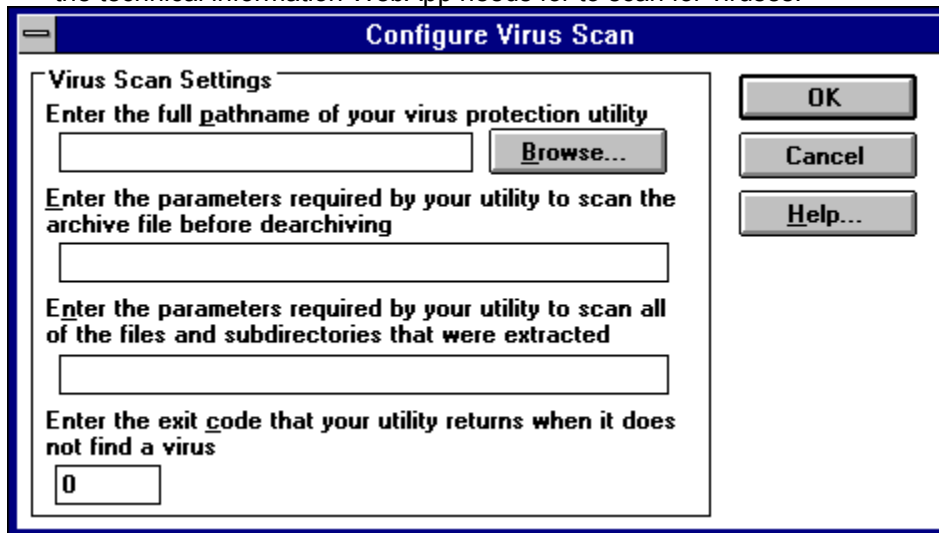
If you have a virus protection program installed on your computer or a local network drive, you can configure WebApp Auto-Install to automatically scan the files for viruses before you install or run the application.

To use this feature you must supply some technical information in the Configure Virus Scan Dialog so that WebApp Auto-Install can scan the files and determine that no viruses were found.

Once you have set it up, you can turn the option **on** or **off** at any time with "**Scan for virus**" check box in the Configuration Dialog.

Configure Virus Scan Dialog {ewc HLP256, HLP256_TILE, paper.bmp}

You access the Configure Virus Scan Dialog from the Configuration Dialog and use it to supply the technical information WebApp needs for to scan for viruses.

```
┌─────────────────────────────────────────────────────────┐
│ ═    Configure Virus Scan                                │
├─────────────────────────────────────────────────────────┤
│ ┌─Virus Scan Settings──────────────┐   ┌──────────────┐ │
│  Enter the full pathname of your virus protection utility │    OK     │ │
│  ┌────────────────────────┐ ┌──────────┐              │
│  │                        │ │ Browse...│   ┌──────────┐ │
│  └────────────────────────┘ └──────────┘   │  Cancel  │ │
│  Enter the parameters required by your utility to scan the │
│  archive file before dearchiving          ┌──────────┐ │
│  ┌────────────────────────────────┐        │  Help... │ │
│  │                                │        └──────────┘ │
│  └────────────────────────────────┘                    │
│  Enter the parameters required by your utility to scan all │
│  of the files and subdirectories that were extracted    │
│  ┌────────────────────────────────┐                    │
│  │                                │                    │
│  └────────────────────────────────┘                    │
│  Enter the exit code that your utility returns when it does │
│  not find a virus                                       │
│  ┌──────┐                                               │
│  │ 0    │                                               │
│  └──────┘                                               │
└─────────────────────────────────────────────────────────┘
```

See Also: Using Virus Protection Software

Pathname of utility

Enter the full pathname of the virus scanning utility. We recommend that you use the Browse button to find the executable name to avoid typing errors.

Pre-extraction parameters

Enter any required or optional parameters to scan a single file with your virus scanning utility. The command to scan the self-extracting archive will be composed of the utility's pathname followed by the pre-extraction parameters followed by the pathname of the archive file.

If your virus scanner needs the name of the archive file in a position other than at the end of the parameter list, use the keyword <name> as a place holder in the parameter list.

If you don't know what parameters to use you will have to either find the documentation for the command line options for your virus protection software or contact the manufacturer of the software.

Post-extraction parameters

Enter any required or optional parameters to scan all the files in a directory with your virus scanning utility. The command to scan the de-archived files will be composed of the utility's pathname followed by the post-extraction parameters followed by the name of the install directory.

If your virus scanner needs the name of the directory in a position other than at the end of the parameter list, use the keyword <name> as a place holder in the parameter list.

If you leave this field empty WebApp Auto-Install will use the same parameters as specified for the pre-extraction parameters .

Safe exit code

Enter the integer exit code that your virus scanning utility returns when it exits successfully without finding a virus.

Most virus protection programs will return an integer exit code that indicates whether or not the program found a virus and possibly other informative codes. Because WebApp does not know the meaning of the different codes that might be returned, you must tell it which code indicates that no virus was found so that it will know that it is safe to continue.

If you don't know what the safe exit code is you should either find it in the documentation for your virus protection software or contact the manufacturer of the software.

Troubleshooting {ewc HLP256, HLP256_TILE, paper.bmp}

Occasionally you may encounter problems during de-archiving and launching an application that uses the WebApp protocol. This topic does not attempt to list all of the errors that may occur but should give you pointers on how you can diagnose some of the more common problems you may encounter.

Problem: Application does not launch or produces some error message after de-archiving.

This problem can occur because there was an error in de-archiving that resulted in some or all of the files not being extracted. You may have run out of disk space or there might have been an error in the archive.

Try setting the <u>view de-archive output</u> option in the <u>configuration dialog</u> when you reload the application in order to view the output from the self-extracting archive.

Related Programs {ewc HLP256, HLP256_TILE, paper.bmp}

The following list of programs supplies information necessary to retrieve the programs on the Internet using either ftp, gopher or WWW protocols. Note these archive files do not use the WebApp Auto-Install protocol. This is not a complete list of locations. Generally these files may found on many different servers. The specific locations given for these files are accurate as of January 1995, but may change as system administrators rearrange and update their archives.

WebApp Auto-Install executable - **wbap10.exe**   (self-extracting archive)

    FTP: ecsel.engr.washington.edu   (Directory: /pub/webapp)

    WWW: http://ike.engr.washington.edu/iat/software/webapp

Archivers:

LHA (with English language manual) - **lha213.exe**   44,416 (self-extracting archive)

    FTP: oak.oakland.edu   (Directory: /simtel/msdos/archiver)

    WWW: ftp://oak.oakland.edu/simtel/msdos/archiver

PKZip - **pkz204g.exe**   202,574 (self-extracting archive)

    Gopher: wilcox.umt.edu   (Port: 70 -- Directory: /misc/software/local/msdos/pkware)

    WWW: gopher://wilcox.umt.edu:70/11/Misc/software/local/msdos/pkware

Virus protection:

F-Prot - **fp-215.exe**   529,677 (self-extracting archive)

    Gopher: wilcox.umt.edu   (Port: 70 -- Directory: /Misc/software/local/msdos/fprot)

    WWW: gopher://wilcox.umt.edu:70/11/Misc/software/local/msdos/fprot

    WWW: gopher://nss1.CC.Lehigh.EDU:70/1ANTIVIR

Glossary {ewc HLP256, HLP256_TILE, paper.bmp}

archive - a file containing a collection of files and/or subdirectories that may or may not be compressed depending on what program created it

archiver program - any program that creates archive files and extracts files from archive files; some examples with their associated extensions are PKZip (.zip), LHA (.lzh), tar (.tar)

command line - the text you type in at the DOS or UNIX shell prompt or in the Windows Program Manager File Run dialog box

executable - a program that can be run on a computer

execute - to run a program on a computer

extension - this is the part of the filename that appears at the end after a period - it is generally used to indicate the type of a file; in DOS filenames there can be at most 1 extension and it has at most 3 characters

external viewer - a separate application that a Web browser launches to display a specific type of file which the browser cannot display itself

ftp (File Transfer Protocol) - protocol for transferring files between systems connected via the Internet; ftp is also used to name the application that implements the protocol

gopher - protocol and application for finding and retrieving materials on the Internet

hyper-text - a generic term for any document that contains "hotwords", or links, to other documents

multimedia application - any document or application which contains different types of data

NCSA Mosaic - the first widely distributed WWW server and browser

self-extracting archive - an archive file that is also an executable which when run extracts the files in the archive

WWW (World Wide Web) - a loose term for all the interconnected hyper-text material available on Web servers throughout the world's networks

WWW browser (or just Web browser) - the client program that connects to a Web server, displays the retrieved file and provides interface and functionality to follow links to other files

WWW server (or just Web server) - server program that allows clients to connect to it and retrieve a hyper-text document

About WebApp Auto-Install {ewc HLP256, HLP256_TILE, paper.bmp}

WebApp Auto-Install, © 1995 University of North Carolina

WebApp Auto-Install was developed at the Institute for Academic Technology by Steve Griffin and Jeff Schang. For more information on this program or the IAT itself, please contact us by telephone, Email, or surface mail. You can also browse our WWW page.

Locations of the Shareware Version of WebApp

WWW: http://ike.engr.washington.edu/iat/software/webapp/

anonymous FTP: ecsel.engr.washington.edu   pub/webapp directory

List of Software Publishers using WebApp format

http://ike.engr.washington.edu/iat/software/webapp/archives.html

Technical Support

Email:webapp@unc.edu
phone: 919 405-1927
fax: 919 405-3377

ListServ

webapp@gibbs.oit.unc.edu

WebApp Distributor

Contact the distributor for obtaining registered copies of WebApp.   Cost is $25/copy plus shipping and handling.   Prices are subject to change.

Research Triangle Media Conversions
919 286-2425
800 282-2425
286-6626 fax

907 Broad St.
Durham, NC 27705-4141

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Specific Information

Licensing

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Registration

Distribution

Contacting Distributor and UNC

Complete Text of Licensing, Registration, and Distribution Agreement

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Standard Buttons

The OK, Cancel, and Help buttons work in WebApp like they do in other Windows applications.

WebApp™ Overview {ewc HLP256, HLP256_TILE, paper.bmp}

WebApp™ dramatically simplifies installation and execution of software distributed by World Wide Web servers on the Internet.

Retrieving an application referenced in a WWW page is normally only the first step in a lengthy process that includes de-archiving files, creating directories, running a setup program, modifying initialization files.   With WebApp installed on a machine, only a single click of a mouse on a WWW page is required to install and run the application.

WebApp works in conjunction with WWW browsers and includes configuration options to support Virus Scanning software so that the chances of executing a virus-infected program are reduced.

WebApp saves sophisticated Internet users time and enables more trouble-free distribution of software to less technically sophisticated users.   "The beauty of WebApp is that it makes sophisticated educational resources available to people who do not have extensive computer knowledge or access to technical support.', says W.O. Crain, Jr. of Seattle Central Community College.   Crain recently converted a collection of interactive mathematics workbooks on the Internet called the Mathwright Library into WebApp format.

Creating applications that can be installed by WebApp is simple and requires no programming changes and no royalties. Online help, tools, and samples are provided to support the creation of "WebApp Ready" applications.

WebApp compliments secure Internet transaction and proprietary software authorization technologies by handling the installation and execution of the distributed application.

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