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1 AutoUpgrader - Overview

Overview

The AutoUpgrader component is able to automatically upgrade from the Web any Delphi/BCB application. The AutoUpgrader will check your website out for the newest releases of your software and, if the newest version is available—it will download and upgrade your application "on the fly", without restarting of computer and even without manual program restart.

With AutoUpgrader your customers will always have and use only *latest* versions of your software!

How to use

Just create the **Information file** (by hands or using **InfoFile Designer**), upload it to your website and point **InfoFileURL** property to this file. Every time on detecting the internet connection or on calling the **CheckUpdate** method, AutoUpgrader will read the upgrade information and, if newest release of your software is available, will try to upgrade your software itself.

How does upgrade mechanism works?

The AutoUpgrader downloads the newest version of your application to the "TEMP" directory (to "TEMP\Upgrade.tmp" file) and replaces your program with a newest version, when download done. After replacing, AutoUpgrader terminates and restarts your application. See detailed description of the **Upgrading Mechanism**...


Frequently Asked Questions

Q. Does AutoUpgrader support proxy? Can AutoUpgrader work behind a firewall?

A. Yes, AutoUpgrader supports proxy and CAN work behind a firewall through proxy. Since AutoUpgrader uses standard Internet routines of WinInet.dll library. All these functions use Internet settings which can be specified via Control Panel (see "Control Panel / Internet Options" or "Tools / Internet Options" menu item in the Internet Explorer, and check out "Connections" tab). AutoUpgrader just uses system settings and routines (which also used by such programs like Internet Explorer or Outlook Express) as guaranteed that all Internet requests will be completed.

Q. Does it require WinInet.dll?

A. Yes. However, you may do not worry about this. This library supplies with EVERY Windows version, since Windows 95 beta. AutoUpgrader perfectly works on Windows 95/98/ME and Windows NT4/2000.

 **C++ Builder users:** Please add the "INET.LIB" file (in ".\Lib" directory) to your project before compiling your program with AutoUpgrader. "INET.LIB" contains the references to "wininet.dll" routines.

Q. Can I upgrade more than one file?

A. No, unfortunately, this version of AutoUpgrader can upgrade just executable. Please check out AutoUpgrader Professional edition (v3.0+) at <http://www.appcontrols.com/components.html> page, or read online manuals on AutoUpgrader Pro at <http://www.appcontrols.com/manuals/autoupgraderpro.html>

Q. Can I calculate amount of upgrades?

A. Yes, but this is server-side issue. Just specify in the **InfoFileURL** property location to your CGI program, instead of regular **information file**. See an **example CGI script in Perl** or download it from <http://www.appcontrols.com/misc/autoupgrade-cgi.zip>. This script stores number of upgrades in the flat database on your web server, but you can also get this value in **OnUpgrade** event (see **UsersServed** parameter).

2 Installation Instructions

Package without source code

to Delphi 2

1. Unzip files from "Delphi2" directory to your "Delphi 2\Lib" directory.
2. Start Delphi2 IDE.
3. Select "Component\ Install..." menu item.
4. Press "Add" button and select "_AUReg.pas" file.
5. Rebuild library.

to Delphi 3

1. Unzip files from "Delphi3" directory and copy them to "Delphi 3\Lib".
2. Start Delphi3 IDE.
3. Open "AutoUpgraderD3.dpk" file.
4. Install package to the components palette ("Install" button).

to Delphi 4

1. Unzip files from "Delphi4" directory and copy them to "Delphi 4\Lib".
2. Start Delphi4 IDE.
3. Open "AutoUpgraderD4.dpk" file.
4. Install package to the components palette ("Install" button).

to Delphi 5

1. Unzip files from "Delphi5" directory and copy them to "Delphi 5\Lib".
2. Start Delphi5 IDE.
3. Open "AutoUpgraderD5.dpk" file.
4. Install package to the components palette ("Install" button).

to Delphi 6

1. Unzip files from "Delphi6" directory and copy them to "Delphi 6\Lib".
2. Start Delphi6 IDE.
3. Open "AutoUpgraderD6.dpk" file.
4. Install package to the components palette ("Install" button).

to Delphi 7

1. Unzip files from "Delphi7" directory and copy them to "Delphi 7\Lib".
2. Start Delphi7 IDE.
3. Open "AutoUpgraderD7.dpk" file.
4. Install package to the components palette ("Install" button).

to C++ Builder 3

1. Unzip files from "BCB3" directory and copy them to "CBuilder3\Lib".
2. Start C++ Builder 3 IDE.
3. Open "AutoUpgraderCB3.bpk" file.
6. Select "Project \ Make AnimationEffectCB3" menu item.
7. Select "Component\ InstallPackages" menu item.
8. Press "Add" button and select "AutoUpgraderCB3.bpl" file.

to C++ Builder 4

1. Unzip files from "BCB4" directory and copy them to "CBuilder4\Lib".
2. Start C++ Builder 4 IDE.
3. Open "AutoUpgraderCB4.bpk" file.

4. Install package to the components palette ("Install" button).

to C++ Builder 5

1. Unzip files from "BCB5" directory and copy them to "CBuilder5\Lib".
2. Start C++ Builder 5 IDE.
3. Open "AutoUpgraderCB5.bpk" file.
4. Install package to the components palette ("Install" button).

to C++ Builder 6

1. Unzip files from "BCB6" directory and copy them to "CBuilder6\Lib".
2. Start C++ Builder 6 IDE.
3. Open "AutoUpgraderCB6.bpk" file.
4. Install package to the components palette ("Install" button).

Source code

1. Uninstall / delete all previous(trial) instances of AutoUpgrader.
2. Unzip files from "Sources" directory and copy them to "..\Lib" directory.
3. Run Delphi or ++ Builder IDE.
4. Select "Component\ Install..." menu item.
5. Press "Add" button and select "_AUReg.pas" file.
6. Rebuild library.

Note for C++ Builder users

Please add the "INET.LIB" file (in "..\Lib" directory) to your project before compiling the program with [AutoUpgrader](#).

3 Registration Information

AutoUpgradercomponent is SHAREWARE. This means that you can try it out for free, but if you like it and want to use it you have to register it with the author. Before continue read and accept [license agreement](#) please.

The only difference between the unregistered and registered versions is that the registered one has not message box with remind to register and works without Delphi (C++ Builder) running. You can also purchase the [source code](#), if you would like to have it, and be able to compile or modify the AutoUpgrader on any 32bit version of Delphi or C++ Builder.

If you would like to use the AutoUpgrader and receive full, unrestricted version, priority support or even source code — you have to purchase proper license.

All prices in US dollars. Registering entitles you to unlimited support via E-Mail, minor version updates indefinitely and major version updates for 6 month from date of purchase.

Registration types:

Full, unrestricted version without source code:

Single user license:

- <https://secure.element5.com/register.html?productid=140737> - \$19,95

Site license:

- <https://secure.element5.com/register.html?productid=140738> - \$99,95

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- <https://secure.element5.com/register.html?productid=140740> **\$159,95**

Comments

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See [license agreement](#) for more details.

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You can use purchased components in ANY number of your projects and deploy the "end-user" software to ANY number of your users/customers without any additional royalty fees. However you are not permitted to distribute the component itself (the source code or .dcu files of components).

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5 Frequently Asked Questions

Q. *Does AutoUpgradersupport proxy ? Can AutoUpgraderwork behind a firewall ?*

A. Yes, AutoUpgradersupport proxy and CAN work behind firewallthrough proxy. Since AutoUpgrader uses standard Internet routines of WinInet.dll library. All these functions users Internet settings which can be specified via Control Panel (see "Control Panel / Internet Options" or "Tools / Internet Options" menu item in the Internet Explorer, and check out "Connections" tab). AutoUpgraderjust use system settings and routines (which also used by such programs like Internet Explorer or Outlook Express) as guaranteethat all Internet requests will completed.

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Q. *Can I calculate amount of upgrades ?*

A. Yes, but this is server side issue. Just specify in the [InfoFileURL](#) property location to your CGI program, instead of regular [information file](#). See an [example CGI script in Perl](#) or download it from <http://www.appcontrols.com/download/autoupgrade-cgi.zip> This script stores number of upgrades in the flat database on your web server, but you can also get this value in [OnUpgrade](#) event (see [UsersServed](#) parameter).

6 Properties

6.1 Active

Applies to

[AutoUpgrader](#) component.

Declaration

```
property Active: Boolean;
```

Description

The Active property controls whether the [AutoUpgrader](#) component can look up the Web for the software updates.

If Active is True and Internet connection detected, AutoUpgraderwill read the Info-file(which contains the upgradeinformation)from the Web site specified by [InfoFileURL](#) property.

Set this property to False if you would like to check for updates manually, using [CheckUpdate](#) method.

See also

[InfoFileURL](#) property, [CheckUpdate](#) method.

6.2 InfoFile

Applies to

[AutoUpgrader](#) component.

Declaration

type

```
TAutoUpgraderInfo = class(TPersistent)
published
    property DlgCaption: String;
    property DlgMessage: String;
    property SoftwareURL: String;
    property UpgradeMethod: TAutoUpgraderUpdateMethod;
end;
```

Description

The InfoFile is set of properties that can be stored to the [Information-file](#) (which contains the upgrade information) from the [InfoFile Designer](#)

6.2.1 DlgCaption

Applies to

[AutoUpgrader](#) component as subproperty of [InfoFile](#) structure.

Declaration

```
property DlgCaption: String;
```

Description

The DlgCaption property specifies the title of message box that will be displayed when AutoUpgrader finds that new version is available.

Note

This property can be specified in [InfoFile Designer](#)

6.2.2 DlgMessage

Applies to

[AutoUpgrader](#) component as subproperty of [InfoFile](#) structure.

Declaration

```
property DlgMessage: String;
```

Description

The DlgMessage property specifies the message box that will be displayed when AutoUpgrader finds that new version is available.

Note

This property can be specified in [InfoFile Designer](#)

6.2.3 SoftwareURL

Applies to

[AutoUpgrader](#) component as subproperty of [InfoFile](#) structure.

Declaration

```
property SoftwareURL: String;
```

Description

The SoftwareURL property specifies the location to the new version of your software (URL to executable file).

Note

This property can be specified in [InfoFile Designer](#)

6.2.4 UpgradeMethod

Applies to

[AutoUpgrader](#) component as subproperty of [InfoFile](#) structure.

Declaration

```
type
  TAutoUpgraderUpgradeMethod = (umAutoUpgrade, umRedirectToURL);

property UpgradeMethod: TAutoUpgraderUpgradeMethod;
```

Description

The UpgradeMethod property controls how you would like to upgrade your software — auto-upgrading the executable "on the fly", or redirecting users to URL specified in [SoftwareURL](#) property.

Values

umAutoUpgrade	executable will be upgraded automatically by component.
umRedirectToURL	users will be redirected to page specified in SoftwareURL

Note

This property can be specified in [InfoFile Designer](#)

6.3 InfoFileURL

Applies to

[AutoUpgrader](#) component.

Declaration

```
property InfoFileURL: String;
```

Description

The InfoFileURL property specifies the location in the Web (http:// address) where you've stored the Information file (Info-file), which contains the upgrade information for your software.

InfoFileURL may contain the line with following syntax:

<http://www.yourdomain.com/download/yoursoftware/softwarename.inf>

For example (real information file):

<http://www.appcontrols.com/software/download/upgrades/wallpapermanager.inf>

If you would like to calculate amount of upgrades — you may specify in the InfoFileURLlocation to the CGI script. See example of such CGI script [here](#).

See also

[Info-File](#)example.

6.4 Password

Applies to

[AutoUpgrader](#)component.

Declaration

```
property Password: String;
```

Description

The Password property specifies the password to access the Info-file,if it has been uploaded to password protected web directory.

See also

[Username](#)property.

6.5 Username

Applies to

[AutoUpgrader](#)component.

Declaration

```
property Username: String;
```

Description

The Username property specifies the password to access the Info-file,if it has been uploaded to password protected web directory.

See also

[Password](#)property.

6.6 VersionControl

Applies to

[AutoUpgrader](#)component.

Declaration

```
property VersionControl: TVersionControl;
```

Description

The VersionControl property specifies which property will be used for version control — [VersionDate](#) (#date variable in the [Info-file](#)) or [VersionNumber](#) (#version variable in the Info-file).

If VersionControl is "byDate", then after reading the Info-file from the Web, AutoUpgrader will compare #date variable of Info-file with [VersionDate](#) property. If VersionDate lower than date specified in #date variable, AutoUpgrader will think that newest version available in your Web and will try to upgrade the software on user's machine. VersionNumber property will be ignored.

If VersionControl is "byNumber", then after reading the Info-file from the Web, AutoUpgrader will compare #number variable with [VersionNumber](#) property. If VersionNumber is not equal to value specified in #number variable, AutoUpgrader will try to upgrade the software on user's machine, thinking that newest version available. VersionDate property will be ignored.

See also

[VersionDate](#) [VersionNumber](#) properties and [Info-file](#) example.

6.7 VersionDate

Applies to

[AutoUpgrader](#) component.

Declaration

```
property VersionDate: String;
```

Description

The VersionDate property specifies the release date of current program version. This value can be automatically set to current date if [VersionDateAutoSet](#) property is True.

VersionDate property must have following format:

MM/DD/YYYY (for example, **02/24/2000**).

If [VersionControl](#) is "byDate", then after reading the Info-file from the Web, AutoUpgrader will compare #date variable of Info-file with VersionDate property. If VersionDate lower than date specified in #date variable, AutoUpgrader will think that newest version available in your Web and will try to upgrade the software on user's machine. [VersionNumber](#) property will be ignored.

See also

[Info-file example](#) [VersionDateAutoSet](#) [VersionControl](#) and [VersionNumber](#) properties.

6.8 VersionDateAutoSet

Applies to

[AutoUpgrader](#) component.

Declaration

```
property VersionDateAutoSet: Boolean;
```

Description

The VersionDateAutoSet property controls whether the value of [VersionDate](#) property should be specified automatically when application rebuilt.

If VersionDateAutoSet is True, [VersionDate](#) property will contain only current date (date of last recompiling).

See also

[VersionDate](#) property.

6.9 VersionNumber

Applies to

[AutoUpgrader](#) component.

Declaration

```
property VersionNumber: String;
```

Description

The VersionNumber property specifies the current version number of your software.

If [VersionControl](#) is "byNumber", then after reading the Info-file from the Web, AutoUpgrader will compare `#number` variable with [VersionNumber](#) property. If VersionNumber is not equal to value specified in `#number` variable, AutoUpgrader will try to upgrade the software on user's machine, thinking that newest version available. VersionDate property will be ignored.

See also

[Info-file example VersionControl](#) and [VersionDate](#) properties.

7 Methods

7.1 CheckUpdate

Applies to

[AutoUpgrader](#) component

Declaration

```
procedure CheckUpdate;
```

Description

The CheckUpdate method reads the Info-file from the Web site, specified by [InfoFileURL](#) property and compare the `#date` variable with [VersionDate](#) property or `#number` variable with [VersionNumber](#) property.

If newest version of your software is available, it will try to upgrade your program.

See also

[Abort](#) method, [OnUpgrade](#), [OnNoUpdateAvailable](#), [OnDone](#), [OnError](#) events.

7.2 Abort

Applies to

[AutoUpgrader](#) component.

Declaration

```
procedure Abort;
```

Description

The Abort method terminates the upgrade process. Call it to stop the upgrading/ downloading.

See also

[CheckUpdate](#) method.

8 Events

8.1 OnDone

Applies to

[AutoUpgrader](#) component.

Declaration**type**

```
TOnDoneEvent = procedure (Sender: TObject; FileSize: Integer) of object;
```

```
property OnDone: TOnDoneEvent;
```

Description

The OnDone event occurs when the newest version of your program has been successfully downloaded to TEMP directory and AutoUpgrader is about to terminate the program execution to auto-upgrade your software. FileSize variable specifies the size of new version (size of executable).

See also

[OnError](#) event.

8.2 OnError

Applies to

[AutoUpgrader](#) component.

Declaration

```
property OnError: TNotifyEvent;
```

Description

The OnError event occurs when some errors have occurred on the upgrading process.

Possible reasons:

1. No Info-file has been found in location specified by [InfoFileURL](#) property
2. Remote connection has been closed (Internet connection lost).
3. Update file not found (path to update file specified in the `#url` variable of [Info-file](#) and [SoftwareURL](#) property).

See also

[OnDone](#) and [OnNoUpdateAvailable](#) events.

8.3 OnNoUpdateAvailable

Applies to

[AutoUpgrader](#) component.

Declaration

```
property OnNoUpdateAvailable: TNotifyEvent;
```

Description

The OnNoUpdateAvailable event occurs if no update is available.

See also

[OnUpgrade](#) event.

8.4 OnProgress

Applies to

[AutoUpgrader](#) component.

Declaration

type

```
TOnProgressEvent = procedure (Sender: TObject; TotalSize, ReadSize,  
ReadPercents: Integer) of object;
```

```
property OnProgress: TOnProgressEvent;
```

Description

The OnProgress event occurs when the newest version of your software is available in the Web and AutoUpgrader is currently downloading the new version.

Parameters

TotalSize - size of new version of your executable

ReadSize - number of bytes that has been read

ReadPercents - number of percents that has been read

Example

```
procedure TForm1.AutoUpgradeProgress(Sender: TObject;  
TotalSize, ReadSize, ReadPercents: Integer);  
begin  
  ProgressBar1.Visible := True;  
  ProgressBar1.Max := TotalSize; // Total file size  
  ProgressBar1.Position := ReadSize; // Size of info that has been read  
  (in bytes)  
end;
```

See also

[OnUpgrade](#) event.

8.5 OnUpgrade

Applies to

[AutoUpgrader](#) component.

Declaration

type

```
TOnUpgradeEvent = procedure (Sender: TObject; UsersServed: Integer; var  
ShowMessageBox, CanUpgrade: Boolean) of object;
```

```
property OnUpgrade: TOnUpgradeEvent;
```

Description

The OnUpgrade event occurs once the newest version is available for download and AutoUpgrader is ready for upgrading (downloading).

Optional customization

ShowMessageBox- controls whetheryou want to show the confirmationdialog. This is just optional property, in most cases you don't need to change this parameter, because all information that's displayed in this dialog box may be specified in the [Information file](#)

CanUpgrade- controls whetheryou want to upgradeyour software. If you change CanUpgradeto False while processing this eventthen no confirmationwill shown and software will not upgradedanyway.

UsersServed- returns the numberof users that has been downloadedthe new version. Use this value in case if you using the CGIscript instead of [Info-file](#) This value returned by CGI as [#served](#) variable. If you're using regularInfo-file, this value will always -1. If you would like to calculate the number of upgrades — please check an [example of such CGI script](#) or read [FAQ](#) first.

See also

[OnNoUpdateAvailable](#) [OnError](#) events.

9 Usage

9.1 Usage example

```
procedure TForm1.INetDetector1Changed(Sender: TObject);
begin
    if INetDetector1.Online then
        AutoUpgrader1.CheckUpdate; // Auto-Upgrade
end;

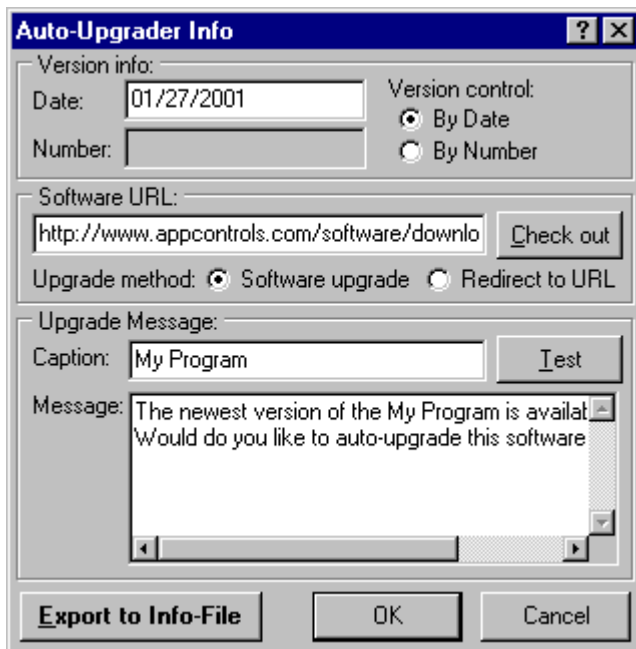
// or

procedure TForm1.UpdateSoftwareMenuClick(Sender: TObject);
begin
    if Application.MessageBox('Check software updates in the Web ?', 'My
Software', mb_YesNo or mb_IconQuestion) = id_Ok then
        begin
            AutoUpgrader1.CheckUpdate; { Auto-Upgrade.
                                If no update available... -
                                see OnNoUpdateAvailable event }
        end;
end;
```

9.2 InfoFile Designer

The InfoFile designer of [AutoUpgrader](#) component will help you to create the [Information files](#) which contains the upgrade information.

Screenshoot



9.3 Info-file example

What is the information file and what for it need ?

Informationfile is the server side part of AutoUpgradercomponent, which contains the upgrade information of your software. Info-file is its flat file which should be stored in the web (to location specified by [InfoFileURL](#) property) and contains the information about the latest version of your auto-upgradable application.

Once after detecting the internet connection (if [Active](#) property is True), or on calling the [CheckUpdate](#) method, the AutoUpgradercomponent will load this file from Web and

If [VersionControl](#) is "byDate" — compare the date (specified in the [#date](#) variable ([MM/DD/YYYY](#)), see below) with date of last compilation of your program (specified in the [VersionDate](#) property). If value of [#date](#) variable higher than date specified in [VersionDate](#) property, then AutoUpgrader will show the dialog with text specified in the [#message](#) variable (see example below) and with caption specified in the [#caption](#) variable. This dialog is the questions - upgrade the program or not (with buttons "yes" and "no"). If user press "yes" button then AutoUpgrader will attempt to download the newest version from location specified in the [#url](#) variable for further auto-upgrading, or redirect user to this [#url](#) if [#redirect](#) value has set to "yes".

In case if you are using [VersionNumber](#) for version control, then before upgrading, AutoUpgrader will compare value in [#version](#) variable with value specified in [VersionNumber](#) property. If values are equal then AutoUpgrader will try to auto-upgrade software the same way.

Example of information file

```
# --- Begin
#date=02/26/2000
#version=2.0.1b
#message=[The newest version of the COOL program is available for
download.
```

List of new features:

1. Feature 1

2. Feature 2

Would you like to upgrade this program immediately ?]

#caption=The cool program

#url=http://www.yourdomain.com/download/cool/CoolProgram.exe

#redirect=no

--- End

Note

First character of this file must be "#".

9.4 Calculation of upgrades

Here is an example of CGI script in Perl, which calculates amount of upgrades. If you would like to use it — just cut and paste this script from here, or download it from

<http://www.appcontrols.com/misc/autoupgrade-cgi.zip>

This script stores number of upgrades in flat database file (\$database) variable and return this value in [OnUpgrade](#) event (see *UsersServed* parameter).

```
#!/usr/bin/perl
#####
# Auto-Upgrade counter script          Version 1.0                      #
# (c) 2000 UtilMind Solutions          info@utilmind.com                 #
#                                     http://www.utilmind.com             #
# Created Jan 18, 1999                 Last Modified Jan 18, 1999        #
#####
# COPYRIGHT NOTICE                                                           #
# Copyright (c) 2000 by UtilMind Solutions. All Rights Reserved.           #
#                                                                           #
# This program distributed as server side part of AutoUpgrader component.    #
#####
# INSTALLATION TIPS                                                         #
# Put this script to your CGI-BIN directory and chmod it to 755 (executable) #
# Create flat database file (users_served.txt) and chmod it to              #
# 666 (read-write permission) and install it to CGI-BIN too (see $database  #
# variable)                                                                  #
#####

#####
# Configuration

$database = "users_served.txt"; # You may set any other name to this flat database

$info_file = "../autoupgrade.inf"; # !IMPORTANT: Path to your .Info-file

$use_flock = 1; # 1 - yes, 0 - no. Should be used but if you're running Perl for
Win95/98 it won't work

#####
# Executable

print "Content-Type: text/html\n\n";
```

```

open(FILE, $database) || &error("Can't locate database file");
$count = <FILE>;
close(FILE);

$count++; # increasing the counter

open(FILE, ">$database") || &error("Can't update database file");
if ($use_flock eq 1) {
    flock(FILE, 2); # locking write accessing
}
print FILE $count;
if ($use_flock eq 1) {
    flock(FILE, 8); # unlocking
}
close(FILE);

open(FILE, "$info_file") || &error("Can't locate info-file");
@DATA = <FILE>;
close(FILE);

print @DATA;
print "#served=$count\n";

sub error {
    print "Error: $_[0]<br>\n";
    print "Reason: $!";
    exit;
}

```

9.5 Upgrading Mechanism

Here is description of the upgrading mechanism to give an idea how does it work...

When the newest version is available and user would like to upgrade the application (clicks "Yes" in the dialog box), the **AutoUpgrader** will:

1. Download newest file from the web to "TEMP\Upgrade.tmp" file.
2. When download is done, it creates the "Upgrader.exe" file in the "..\TEMP" directory,
3. Starts the "TEMP\Upgrader.exe",
4. Terminate the execution.

What does the **"Upgrader.exe"** ("Upgrader.exe" is invisible program... is not console but without own window):

1. Wait until the application terminate itself,
2. Replace old executable by downloaded file (Upgrade.tmp).
3. Start newest version (restart the application).
4. Terminate itself.

{ Here the source code of upgrader module (included to "AutoUpgrader.inc" file in registered version). }

program Upgrader;

uses Windows;

```
var
    Msg: TMsg;

begin
    // Must be started with 3 command line parameters:
    // 1: Exe-name of application
    // 2: Location of Upgrade.tmp (downloaded file)
    // 3: Rename Upgrade.tmp to this name
    if ParamCount = 3 then
        begin
            repeat
                while PeekMessage(Msg, 0, 0, 0, PM_REMOVE) do
                    begin
                        TranslateMessage(Msg);
                        DispatchMessage(Msg);
                    end;
                until DeleteFile(PChar(ParamStr(1))); // Delete old version

                // Copy Upgrade.tmp to the newestversionname...
                MoveFile(PChar(ParamStr(2)), PChar(ParamStr(3)));

                // Delete Upgrade.tmp
                DeleteFile(PChar(ParamStr(2)));

                // Execute newest version
                WinExec(PChar(ParamStr(3)), sw_ShowNA);
            end;
        end.
```