WinWeb Version 1.0 A2

This is a pre-release of the WinWeb software. This software is still being tested and enhanced.

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1. System Requirements

To use WinWeb, your system needs the following:

Windows 3.1
4 Megabytes RAM
5 Megabyte free hard disk space
Installed TCP/IP stack with a Windows Socket Library (WINSOCK.DLL) version 1.1 or greater

Note: Additional RAM and hard disk space, if available, is used for caching and improves performance.

2. Installation

To install WinWeb, follow these steps:

1. Create a WINWEB directory on your hard drive.
2. Copy all of the files from the diskette or FTP server into the directory.
3. Run winweb.exe.

The files in this release are:

winweb.exe
readme.wri
winvoke.exe
winexe.inv
wingo.inv
wecj1_2.exe
wecjlib.dll
lview31.exe

WinWeb automatically creates a default WINWEB.INI file.

3. Reporting Problems or Suggestions

The best way to contact EINet is to send E-Mail to winweb@mcc.com.

If you have questions or problems with WinWeb, we may already be aware of them, or already have a fix for them. Please check Section 5 of this document, Known Problems and Bugs.

Our mailing address is:

> EINet Windows Software
> MCC
> 3500 West Balcones Center Driver
> Austin, TX 78759-6509
> USA

4. Menu Descriptions

File
> Print
>> Prints the current document.
> Print Preview
>> Shows a preview of how the current document will be printed.
> Print Setup
>> Options for printing the document.
> Exit
>> Exits the program.

Options
> Load to File
>> When selected, this option will load a document to a file instead of to the WinWeb display. It will prompt you for a file name.
> Set Home Page
>> Allows you to select which document to use as the home page. You can select either the EINet Galaxy home page, the document currently being viewed, or you can enter a URL specifying the home page.
> Load Images
>> Toggles whether or not to automatically load inline images. If a page has been loaded without its inline images, they can be loaded by turning this option on and then selecting the Reload option from the Navigate menu.

View
> Fonts
>> Allows the fonts which are used to display the document to be changed.
> Highlight Color
>> Allows the highlite color of hyperlinks and graphics links to be changed.
> Background Color
>> Allows the background color of the documents to be changed.
> Toolbar
>> Displays or hides the toolbar at the top of the window.
> Status Bar
>> Displays or hides the status bar at the bottom of the window.
> URL Display
>> Displays or hides the URL display at the top of the window

Navigate
> Back
>> Displays to the previously loaded document.
> Home
>> Displays the home page.

Load URL
> Prompts for a document address in the form of a URL, which is then loaded from the network.

Reload
> Reloads the current document. This option can be used to reload documents that change over time or to load inline images.

Cancel
> Cancels the loading of a document. If a document is being loaded and Cancel is selected, the loading of the document is aborted. If the document has been loaded and its inline images are being loaded, the document is displayed but without all of its inline images.

Search
> Some pages have indexes that can be searched for additional information. Use this command to enter a search string that is checked against the current document's index.

Search EINet Galaxy
> The same as search, except the query is routed to an index maintained by EINet Galaxy.

History List
> Displays the list of documents that have been visited. Previous documents can be viewed again by selecting them from this list.

Hotlist
> Displays a list of user-defined documents. You can can add, delete, edit or jump to entries in this list.

Help
Index
> Eventual location of the online help. It is currently not implemented.

Using Help
> Windows online help tutorial.

About WinWeb
> Information about the product.

5. Known Bugs and Problems

The following is a list of known bugs and problems in the current release of WinWeb.

Exiting an External Viewer Switches to Wrong Application
> **Problem:** When an external viewer is launched from within WinWeb and then exiting, the application that is activated is generally not WinWeb but some other Windows application.

<EM> and <STRONG> Tags Not Supported
> **Problem:** The current version of WinWeb does not support the HTML <em> and <strong> tags.

Formatting in <pre> Sections Not Correct
> **Problem:** The current version of WinWeb does not always correctly format HTML <pre> sections.

URLs Are Not Being Constructed Properly
> **Problem:** There is a known problem in the current version of WinWeb in which URLs are constructed that are missing some elements in the directory path such that the document can not be found. **Work Around:** The URL can be entered manually from the Load URL menu.

URLs Aren't Editable
> **Problem:** Unlike MacWeb, EINet's Macintosh based Web browser, the URLs that are displayed are not editable. **Work Around:** To enter a URL to jump to press Ctrl-U or select

Load URL from the menu.

I Can't Find a Way to Invoke a URL from the Command Line or DDE
Problem: The current version of WinWeb does not support any way of invoking a URL from either the command line or Windows DDE.

I Can't Select Hyperlinks Using My Keyboard
Problem: The current version of WinWeb does not support selecting hyperlinks using the Keyboard.
Work Around: Use the mouse to select hyperlinks.

I Can't Tab Between Fields in a Form
Problem: The current version of WinWeb does not support tabbing between fields in a form.
Work Around: To move to a new field, select it with the mouse.

Inline Pictures Aren't Being Aligned Properly
Problem: Some inline images may not appear aligned correctly in the current version of WinWeb. The ALIGN= attribute of the HTML IMAGE element is not currently supported.

There Isn't Any Way to Tell How Much of a Document Has Been Loaded
Problem: Other than the message that a document or image is being loaded, there are no status indicators to tell how much of a document has been loaded.

I'm Running NetManage Chameleon and WinWeb is Crashing at Address NMPCIP 5:13b7
Problem: We have seen a problem when running WinWeb under NetManage Chameleon in which it crashes at the address NMPCIP 5:13b7. The problem appears to be related to the gethostbyname() function.

Some Links Don't Show Up
Problem: Currently the viewer supports links of the following types: http, file, ftp, and gopher. Since all other links are not currently supported, they do not show up in documents.

Print and Print Preview Sometimes Don't Work
Problem: Ocassionally, the print and print preview functions will only show a blank page rather than the correct output.
Work Around: The problem appears to be intermitent. Simply trying again often results in the correct behavior.

Default Fonts are Too Small to Read
Problem: The default font is sometimes too small and difficult to read. This problem typically occurs on VGA and lower resolution displays.
Work Around: The fonts can be changed in the View Fonts dialog.

Online Help Doesn't Work
Problem: The online and context sensitive help files are not included in this release.

No Icons Displayed on FTP and Gopher Menus
Problem: Typically Gopher and FTP menus display an icon beside each item graphically showing the item's type. The current version of the program does not support this.

Can't Copy Text and Pictures out of a Document
Problem: The current release of the software does not support the cutting of Text and Pictures.
Work Around: HTML files can be downloaded and the information can be cut from a word processor such as write.

Temporary Files in the Root Directory Not Deleted
    Problem: WinWeb sometimes creates temporary files with numeric filenames in the root directory. If the program crashes or doesn't exit properly, these files are not deleted.
    Work Around: When WinWeb is not running, delete the files manually from either DOS or the File Manager.

I Get the Message "Can't Find WINSOCK.DLL"
    Problem: WinWeb assumes that you already have a TCP/IP network installed. If you do not have a TCP/IP network installed, you get the message "Can't Find WINSOCK.DLL".
    Work Around: Install a TCP/IP network.

6. WINWEB.INI Format

The following is a description of the entries in the WINWEB.INI located in the Windows directory. If an entry is not present, the indicated default value is used.

[Options]
The [Options] section stores most of the user-defined values.

    Toolbar=
        0 : ToolBar is not displayed
        1 : ToolBar is displayed (default)
    StatusBar=
        0 : Status Bar is not displayed
        1 : Status Bar is displayed (default)
    URLBar=
        0 : URL bar is not displayed (default)
        1 : URL bar is displayed
    AutoLoadImages=
        0: Don't automatically load inline images
        1: Automatically load inline images (default)
    BackgroundColor=
        Main viewing window's background color. 24-bit color value in hex format and in BGR order. (default is 0xc0c0c0, dark gray)
    HighlightColor=
        Color of hyperlinks. 24-bit color value in hex format and in BGR order. (default is 0xff0000, blue)
    CustomColor*[0..15]*=
        User-defined custom colors. 24-bit color value in hex format and in BGR order. (default is 0xffffff, white)
    HomePage=
        The page to automatically load when the program is started or when the Navigate Home menu is selected. (default is EINet Galaxy home page at http://galaxy.einet.net/)
    Proxy=
        This entry defines a proxy server to direct all document requests through.

        For Example:

            Proxy=www1.cern.ch:911

    History.X=
        Horizontal position of the history dialog.
    History.Y=
        Vertical position of the history dialog.

History.Width
>Width position of the history dialog.

History.Height=
>Horizontal position of the history dialog.

Hotlist.X=
>Horizontal position of the Hotlist dialog.

Hotlist.Y=
>Vertical position of the Hotlist dialog.

Hotlist.Width
>Width position of the Hotlist dialog.

Hotlist.Height=
>Horizontal position of the Hotlist dialog.

[Font.*description*]

Each font in the viewer has a section that defines its metrics. Valid sections are:

>[Font.Normal]
>[Font.Proportional]
>[Font.Heading1]
>[Font.Heading2]
>[Font.Heading3]
>[Font.Heading4]
>[Font.Heading5]
>[Font.Heading6]
>[Font.Heading7]

Following is the default for the [Font.Proportional] section:

>Height=-17
>Width=0
>Escapement=0
>CharSet=0
>PitchAndFamily=0
>Weight=0
>Italic=0
>Underline=0
>FaceName=Courier New
>Color=0x0

[Launch]

This section defines the viewer launched when a file or a particular type is downloaded.

>Entry*[n]*=
>>The format for each entry is the MIME type followed by a comma, and then the command to be executed to launch the viewer. For Example:
>>
>>Entry0=image/gif,winvoke ingo.inv lview31
>>
>>**Note:** WinWeb starts with Entry0, Entry1, Entry2, etc. until a blank entry is found. If Entry0 is not present in the WINWEB.INI file, WinWeb automatically creates a default [Launch] section.

[HotList]

This section contains the entries in the user defined hotlist.

Entry*[n]*=
> The format for each entry is the descriptive text followed by a command, and then the URL to be invoked when the hot list entry is selected. For example:
>
> Entry0=EINet Galaxy Home Page,http://galaxy.einet.net/

[Extensions]
This section contains the entries that define how file extensions are mapped to MIME types when downloading a file.

Entry*[n]*=
> The format for each entry is the file extension, followed by the MIME type to which it is mapped, and then a designation of the file contents. For example:
>
> Entry16=.gif,image/gif,binary
>
> Valid designators for the file contents are "7bit", "8bit" and "binary".
>
> **Note:** WinWeb loads starting with Entry0, Entry1, Entry2, etc. until a blank entry is found. If Entry0 is not present in the WINWEB.INI file, WinWeb automatically creates a default [Extensions] section.

7. Changes from Previous Versions

The following changes were made from WinWeb version 1.0 A1 to 1.0 A2.

1. Dialogs were added to show initialization failures such as the wrong WINSOCK DLL.

2. An initialization problem that prevented WinWeb from running was fixed.

3. Page Up and Page Down were changed so that the amount the page is scrolled depends on the window size rather than having a fixed scrolling size.

4. Support for local file access was fixed.

5. The URL display was changed to show URL tags.

6. How the HTML <BR> element is handled was changed to not include an additional line feed.

7. A problem was fixed that was removing blank spaces and makeing formatting difficult.

8. The temporary file created in the cache directory are now given the .WWC extension.

9. The History and Hotlist dialogs are now resizeable.

10. The HTML <HR> element is now supported.

11. Proxy support was added.

12. Special characters in form related strings are now escaped.

13. Some problems relating to large forms were fixed.

14. File downloading is now supported.

8. Legal Restrictions

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