

OFFLINE BROWSER CONSTRUCTION KIT

Binary Executable Version

SI Software - <http://www.sisoftware.com/browskit/browskit.htm>

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1. OBJECTIVE

OFFLINE BROWSER CONSTRUCTION KIT unregistered binary executable version downloads files from WWW (World Wide Web) sites using an "agent" or "agenda" of URL's.

(The registered version includes source code and documentation for http and ftp downloads as a tool to help programmers learn how to build their own personal or commercial offline browser. Other desirable features are layed out on the main screen but are not supported)

2. INSTALLATION AND OPERATING INSTRUCTIONS

OFFLINE BROWSER CONSTRUCTION KIT

EXECUTABLE BINARY VERSION

1. Unzip the file BROWSKIT.ZIP to a single directory
2. Create Program Group And Icons As You Desire
3. Use Text Editor or the program itself to create "agents" or "agendas" which are lists of URL's to visit, one on each line:

EXAMPLE:

<http://www.techweb.com>
<http://www.iworld.com>
<http://www.boardwatch.com>

Save your "agent" as a text file with a ".NSF" file extension

EXAMPLE:

Save File As: zines.nsf

4. Click on nsurf.exe to run the program (or click on a .nsf agenda file you have created)

(Please note that the screen is designed to support many features that are not offered in this program. The only feature that your unregistered version supports is download of selected WWW files. It's simple, but it works!)

5. Select File, Open to run one of the .NSF files you created

OR:

Click ADD button to create list of URL's to download

6. Click BEGIN DOWNLOAD button to begin the download process.

The application will download the selected htm, gif or jpg files to the same directory and will create a clickable, browsable index page of the downloaded files named 2.HTM

7. Use any browser to view the index page named 2.HTM This page indexes and links to the locally downloaded files and indicates any files that failed to download. You can use your browser to directly view any of the saved files also.

OPERATION

This build can only download files from WWW sites, using HTTP (Hyper-Text Transfer Protocol).

Using either a text editor or OFFLINE BROWSER CONSTRUCTION KIT itself, enter one or more WWW files for download. The format of the filenames is the same as you would enter the file into a browser, for example, <http://www.netscape.com/index.html>. You may enter any valid URL in the "agenda or agent", a text file with a .nsf extension, including .gif and .jpg files. Individual agent files cannot exceed 32K in size. A warning is displayed if a .nsf file exceeds this length.

Click the "Begin Download" button to begin the download process. The application will download the pages and display "Agenda Completed" in the status bar when it is finished.

OFFLINE BROWSER CONSTRUCTION KIT downloads the files to the current directory, creating an index at the same time. The index is named 2.htm.

Open this file with any browser to access the list of links to the downloaded pages. Pages that failed to download are included in the list with an error message, and they are not linked to any downloaded file.

Graphics within the web files are not automatically downloaded, although the individual URLs of these files may be entered in the agenda.

The first time the program is run, it will register itself with Windows so that anytime a .nsf file is run, the application will automatically be called. By creating separate file folders with a .nsf agenda in each folder, you can keep your agendas separate from one another.

3. TECHNICAL NOTES

The OFFLINE BROWSER CONSTRUCTION KIT 16 Bit application uses Windows Sockets (WINSOCK.DLL) for communicating with the Internet. A connection to the Internet

is required before this program is executed. WINSOCK DLLs can vary from each vendor, although the program had no problems with any particular implementations of Windows Sockets so far.

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5. NOTES AND SAMPLE DOCUMENTATION FROM THE REGISTERED SOURCE CODE VERSION (YOU HAVE THE UNREGISTERED VERSION, BELOW ARE BRIEF NOTES AND A PREVIEW OF DOCUMENTATION ACCOMPANYING THE REGISTERED SOURCE CODE VERSION)

OFFLINE BROWSER CONSTRUCTION KIT is a 16-bit application written in Visual C++ version 1.52c. It uses Microsoft Foundation Classes, and makes use of two royalty-free, distributable .vbx files (Visual Basic controls) to implement the tabbed-dialog control in the lower portion of the application's main window.

Here is a brief description of the project's files:

- Implementation of the "Add Agenda" dialog
- Implementation of the "Terms of License" dialog
- The CMainFrame class, derived from CFrameWnd
- The CNsurfApp application class, derived from CWinApp
- The CNsurfDoc document class, derived from CDocument
- The CNsurfView form class, derived from CFormView, and the CTabDlg dialog class, derived from CDialog
- The CSockWnd window class, derived from CWnd
- Standard MFC file for generating precompiled headers
- The CInternet class, derived from CSocket
- The Windows resource file
- License message that appears in "Terms of License"
- Windows module definition file
- Application icon
- Application toolbar images
- Windows 16-bit executable
- FarPoint "Imprint" VBX
- FarPoint "Tab" VBX

The NSurf16 project makes use of MFC's Document/View architecture to facilitate

reading and writing of the .nsf agenda files. The contents of the .nsf file is held in the CnsurfDoc member variable m_strAgenda.

CnsurfView is the SDI dialog, associated with resource IDD_NSURF_FORM. This class is responsible for parsing the agenda file (using CnsurfDoc), managing internet connections (using CSockWnd), and saving the downloaded files. CnsurfView downloads as many as four files at a time by creating a CSockWnd for each file. CSockWnd uses the CInternet class to asynchronously download a file. When a file is successfully downloaded or fails download, CSockWnd notifies the CnsurfView window of the status, and the

CSockWnd is destroyed. When a CSockWnd is finished downloading a file, the entire contents of the file remain in a buffer, which is transferred to a newly-created file. The file is named according to the original filename at the end of the URL. If the filename cannot be derived from the URL, a filename with a unique number is generated. In either case, the filename is added to the master contents file "2.htm".

The asynchronous operation of OBKC is implemented using the OnIdle method...

REGISTERED VERSION INCLUDES FTP EXECUTABLE AND SOURCE

The registered version also includes a functional, executable and source code version of 32 bit FTP download program which also uses MFC.

(Sample Of Documentation - Please Order Registered Version For Complete Source Code And Documentation - ORDER INSTRUCTIONS ARE FOUND ON FOLLOWING PAGES)

6. LICENSE AGREEMENT -

Before you can use this product, you must accept the following license agreement by reading it and then choosing Agree.

If you do not accept the terms of this agreement, choose DECLINE and exit program.

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OFFLINE BROWSER CONSTRUCTION KIT - EXECUTABLE BINARY VERSION

ORDER INFORMATION FOR REGISTERED SOURCE CODE VERSION

THANK YOU FOR TRYING OFFLINE BROWSER CONSTRUCTION KIT

This is an unregistered, fully functional, executable-only version of the OFFLINE BROWSER CONSTRUCTION KIT and does not contain the documentation and source code included in the registration version. The functionality is the same as the registration version - it enables you to download files from WWW sites using HTTP and view them using a browser.

This application is shareware. If you like the executable binary version of Offline Browser Construction Kit, PLEASE REGISTER TODAY TO ORDER THE DOCUMENTED SOURCE CODE VERSION. This version includes \$10,000 worth of source code and documentation and supports file downloads from WWW and FTP for the shareware price of \$30!

Order today and learn how to construct your own offline browser program using straightforward Microsoft Foundation Class architecture.

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