WebSVR V1.01

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Please send comment/request form to:

Kuo, Ing-Long
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or e-mail me at **dracon@hotmail.com** or at **dracon-pern@geocities.com**
My homepage is at **http://www.geocities.com/CapeCanaveral/Lab/1682/**

Hello everyone out there who is reading this...

My name is **Ing-Long Eric Kuo** aka **Dracon** and **Dracon-PERN**.   Some of my hobbies include programming, chating on IRC, playing the violin and talking to friends.   I am currently in high school as a junior at Lubbock High School.   Being a student I am very busy, but I manage to fit this project in along with other things.   These include Science Bowl, UIL math and science team, Business Professionals of America, and Orchestra.

I have spend quite a bit of time working on this program.   So far it has beenfour month to get to this point and along the way I have learned many new andinteresting things.   I hope that this program will also be useful to somepeople.   That is why the program will be free for educational and non-commercialuse.

I would like to thank my Mom and Dad, the teachers at Lubbock High School including Mr. Chuang, Mr. Barrows, Mrs. Perez, Mrs. Thompson, Mrs. Sweet, and Mr. Meineki.   I also want thank my computer teachers, Mr. Charbonneau and Mr. Sherwood.   It was in Mr. Chharbonneau's class that I decided to take up this challenge.   Other people that I want to mention include people on the Lubbock High School math and science team.

I can be reached at the following address:

Kuo, Ing-Long
3709 19th st.   Suite 484
Lubbock, Texas   79410-1232
USA

I can also be reached via e-mail at **dracon@hotmail.com** and **dracon-pern@geocities.com**.My homepage is at **http://www.geocities.com/CapeCanaveral/Lab/1682/**.   It will contain updated information about me and WebSVR.

Have fun!

Ing-Long Eric Kuo

Overview

WebSVR is designed to be as simple as possible to use.   Most of the setup is done through an user interface except for some advanced configuration.

Limitations regarding current version of HTTP V1.1*
1.	Chunked encoding as HTTP V1.1 requires.
2.	Proxy support

*Note - HTTP V1.1 is currently an INTERNET-DRAFT which will expire on February 12, 1997.

Limitations regarding HTTP V1.0
1.	Password protected directories.
2.	Directory aliases.
3.	POST method.
4.	Cache control.

History

10/6/1996
V1.00 started.   It was initially a challenge from Mr. Charbonneau in our Internet Development class.   I still can't believe I wrote this program from ground-up.

12/15/1996
Timer added to kill dead connections.

12/31/1996
V1.01 started.
WWWClients[] is changed to use pointers to allow large structures.
OnWWWClientMsg() is changed to handle duplex sockets.

1/5/1997
fix buffer overflow problem in genindex. It now use temp files

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Please print

__ Bug report   __ Order source code (US$15)   __ Comments
Name: _____

Address:

        _____
        _____
        _____
        _____

Telephone: _____
E-mail address: _____

Bug and Comments

Version of WebSVR in About: V __ . __ __ __   Beta __
Compile date: _____   ____ _____
Error code (if any): _____
Error address (if any): _____
Error message (if any): _____
Operating system: __ Win3.1   __ Win3.11   __ Win95   __ OS/2   __ other: _____
Amount of RAM in the computer: _____
Name of your Winsock: _____
Additional comments:

_____
_____
_____
_____
_____
_____

Please also include a copy of your WEBSVR.INI in the Windows directory.

How to get the source code

The source code can be obtained for US$10.   Only money order will be accepted.   Please fill out the comment/request form and send to the following address:

Kuo, Ing-Long
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MIME types

Adding a type & extension

1.   Open websvr.ini in your windows directory.
2.   Find the section [MIME].
3.   At the end of the section add an extry in the form:
      Type_X=T/S ext1, ext2, ...
      X is an number smaller than 50 that is unique.
      T is the type.
      S is the sub-type.
      ext is the extension that the type is associated.

See also
Default websvr.ini file

```
[GENERAL]
CryForExit=1

[SERVER]
HowManyClients=20
WWWPort=80
ServerRoot=c:\server
IndexFile=index.htm
GenerateIndex=1

[LOG]
Filename=websvr.log
Log2Screen=1
Log2File=1
MultiLog=0

[MIME]
Type_0=text/plain txt
Type_1=text/html htm html
Type_2=image/gif gif
Type_3=image/jpeg jpeg jpg jpe
Type_4=image/tiff tiff tif
Type_5=image/bitmap bmp
Type_6=image/x-xpixmap xpm
Type_7=image/x-xbitmap xbm
Type_8=image/x-rgb rgb
Type_9=image/x-cmu-raster ras
Type_10=video/quicktime mov qt
Type_11=video/x-msvideo avi
Type_12=video/mpeg mpeg mpg mpe
Type_13=video/x-sgi-movie movie
Type_14=video/quicktime qt mov
Type_15=audio/x-wav wav
Type_16=audio/basic snd au
Type_17=audio/x-midi midi mid
Type_18=audio/x-aiff aif aiff aifc
Type_19=application/x-zip-compressed zip
Type_20=application/x-zip zip
Type_21=x-conference/x-cooltalk ICE
Type_22=application/rtf rtf
Type_23=application/octet-stream exe bin
Type_24=application/x-gzip gz
```

Options dialog box

Cry for Exit - Uncheck this if want to exit quickly.
Server Port - The port to listen on. (usually 80)
Number of Clients - The number of people connected at one time.
Server Root - The directory you want others to see. (ie. c:)
Default Index file - The default file to give them in a directory. (ie. index.htm)
Auto generate index - Generate links to files in the directory if the default file is not present.

See also
Log Options dialog box
Default websvr.ini file

Log files

Logging - Turns logging on or off
Multiple logs - Creates a seperate log file for each day - yymmdd.log
File Name - The filename of the log file if Multiple logs are not used
Log to screen - Output log to screen
Log to file - Output log to a file

See also

Requirements

Computer with 80386 or above
Windows 3.1 or above
modem or network card
Internet connection with an Internet Service Provider
TCP/IP stack

Installation

Please read the <u>requirements</u> for this program.

1.   Unzip installation file to a directory.
2.   Copy websvr.ini to your Windows directory.
3.   Create an icon for it.
          Windows 3.x - In Program Manager, choose New from the File menu.   Type in the command line for the program or choose browse.
          Windows 95 - Using Windows Explorer, right click on websvr.exe and choose Create Shortcut.

TCP/IP

TCP/IP stack is a piece of software that communicates between the web server and your Internet Service Provider(ISP).   There are two types of TCP/IP stack:

Network Drivers

These are usually used with a network card like ethernet.   Please contact your network administrator for information on how to setup the software.

Dial-in TCP/IP stack

These are used with modems.   It is responsible for dialing into the ISP and establish an connection with the Internet.   You may use any TCP/IP stack you choose.   However, not all TCP/IP stack follow the Winsock standard.   WebSVR has been tested with Trumpet Winsock 2.1 Rev F by Peter R. Tattam.

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