***ENHANCED COMMAND PROMPT USING CGI***

Language : C,C++,PC Assembly language with 80186 instruction set

Assembler : ML.exe, TASM.exe

Linker : Link.exe, TLINK.exe

HTTP Version : HTTP 1.1

Web server : OmniHTTPd Version 2.0

Manufacturer : Omnicron Technologies, U.K.

Editor : Borland Turbo C++ Editor, DOS Editor,Notepad

Status: Finished

Role : Coding and Testing.

***Description :***

Enhanced command prompt using CGI was designed to execute DOS Internal and External commands in Internet Explorer by using CGI. Output will also be produced in the same Internet explorer. Internal to this product is CGI. CGI stands for COMMON GATEWAY INTERFACE. This is meant that HTML script was used in this project instead of other script languages like JavaScript or VBScript. I implemented HTML tags and Request Headers and Response Headers.

I utilized DOS Interrupt 21h services to execute the commands from the user.

DCMDEXEC.exe was designed to execute the commands from the users by extracting the Commands from Request Header QUERY\_STRING placed under DOS Environmental Block. Output is placed in IE itself by using the following Response Header.

HTTP/1.1 302 Object moved.

Server: OmniHTTPd/2.10

Location: http:\\localhost\exec1.htm'

Of all my projects, I like this one so much. I put enormous effort to finish this project.