

How compile Uhttpd2 + TWeb

Repository: <https://github.com/carles9000/uhttpd2.tweb.git>

We assume that you have the environment ready to compile with uhttpd2

1.- We will copy the contents of the dist\lib\tweb folder of the repository to a folder that we will call lib\tweb in our project. This is the tweb library that we will link with harbour to our project

2.- We will copy the dist\files\tweb folder of the repository to a folder that we will call files\tweb in our project. This is the tweb libraries and diferent files that we will link to our project from web

3.- We edit the file app\app.prg of the initial configuration of httpd2 and add a route

```
#define VK_ESCAPE 27

REQUEST TWeb

function main()

    hb_threadStart( @WebServer() )

    while inkey(0) != VK_ESCAPE
    end

    retu nil

//-----//

function WebServer()

    local oServer      := Httpd2()

    oServer:SetPort( 81 )

    //    Routing...

    oServer:Route( '/'      , 'index.html' )
    oServer:Route( 'test'   , 'tutor0.html' )

    //    -----//

    IF ! oServer:Run()

        ? "> Server error:", oServer:cError

        RETU 1

    ENDIF

    RETURN 0

//-----//
```

4.- As you can see the router 'test' points to the tutor0.html page. All pages are saved by default in the html folder. We will create within it the file tutor0.html with the following content

```
<?prg
#include "lib/tweb/tweb.ch"

LOCAL o, oWeb

DEFINE WEB oWeb TITLE 'Init TWeb'

DEFINE FORM o OF oWeb

    INIT FORM o
        SAY VALUE '<h1>Welcome to TWeb !' ALIGN 'center' GRID 12 OF o

        SAY VALUE '<h4>Engine loaded, version {{ TWebVersion() }}<hr>' ;
            ALIGN 'center' GRID 12 OF o

    ENDFORM o

INIT WEB oWeb RETURN
?>
```

5.- Need to update the html\index.html to create a link to test

```
<h2>Hello Httpd2 !</h2>
<h3>Version {{ UVersion() }}</h3>
<hr>
<a href="test">Go to test TWeb</a>
```

6.- We will update the app.hbp file adding the tweb library

```
-n
-wl
-es2
-inc
-head=full
-mt

app\app.prg

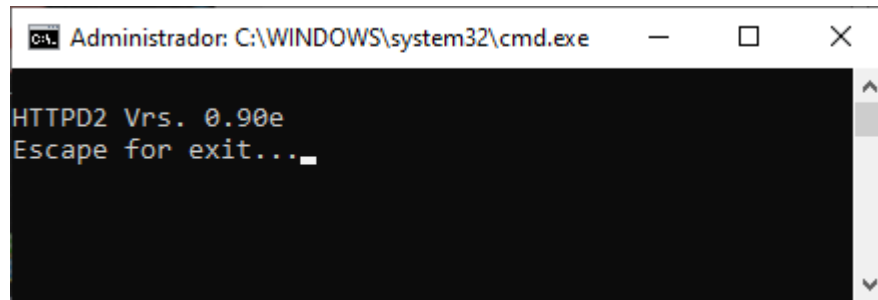
-Llib
-luhttpd2

-Llib\tweb
-ltweb

# WAPI_OutputDebugString()
hbwin.hbc

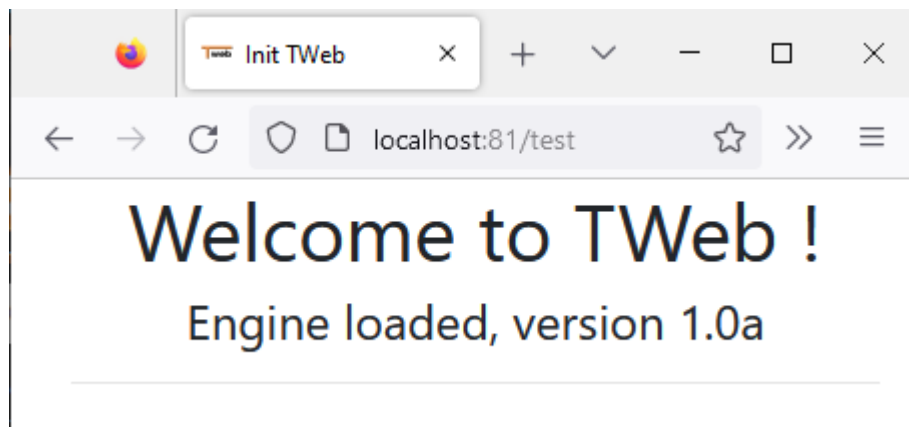
# TempFile()
xhb.hbc
```

Only we need to execute go64.bat. If a screen similar to this appears, the server is already running



```
C:\WINDOWS\system32\cmd.exe
HTTPD2 Vrs. 0.90e
Escape for exit...
```

We only need to run from a browser if it works correctly. Type in the url localhost:81
The following screen should appear



We already have our server ready for our programs with **TWeb** !

You can see <https://youtu.be/YHRQyhlfusi>