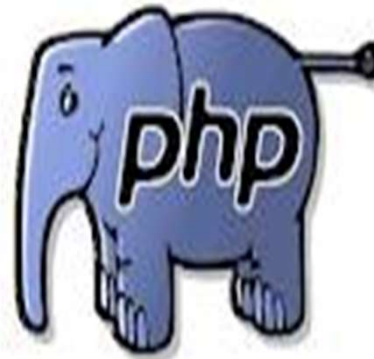


Instalación de Apache en Windows



Descarga de Apache

<http://httpd.apache.org/download.cgi>

The screenshot shows two browser windows. The top window is the Apache HTTP Server download page, and the bottom window is the index of the binaries directory.

Top Window: httpd.apache.org/download.cgi#apache24

Apache HTTP Server 2.4.10 (httpd): 2.4.10 is the latest available version 2014-07-21

The Apache HTTP Server Project is pleased to [announce](#) the release of version 2.4.10 of the Apache HTTP Server ("Apache" and "httpd"). This version of Apache is our latest GA release of the new generation 2.4.x branch of Apache HTTPD and represents fifteen years of innovation by the project, and is recommended over all previous releases!

For details see the [Official Announcement](#) and the [CHANGES_2.4](#) and [CHANGES_2.4.10](#) lists

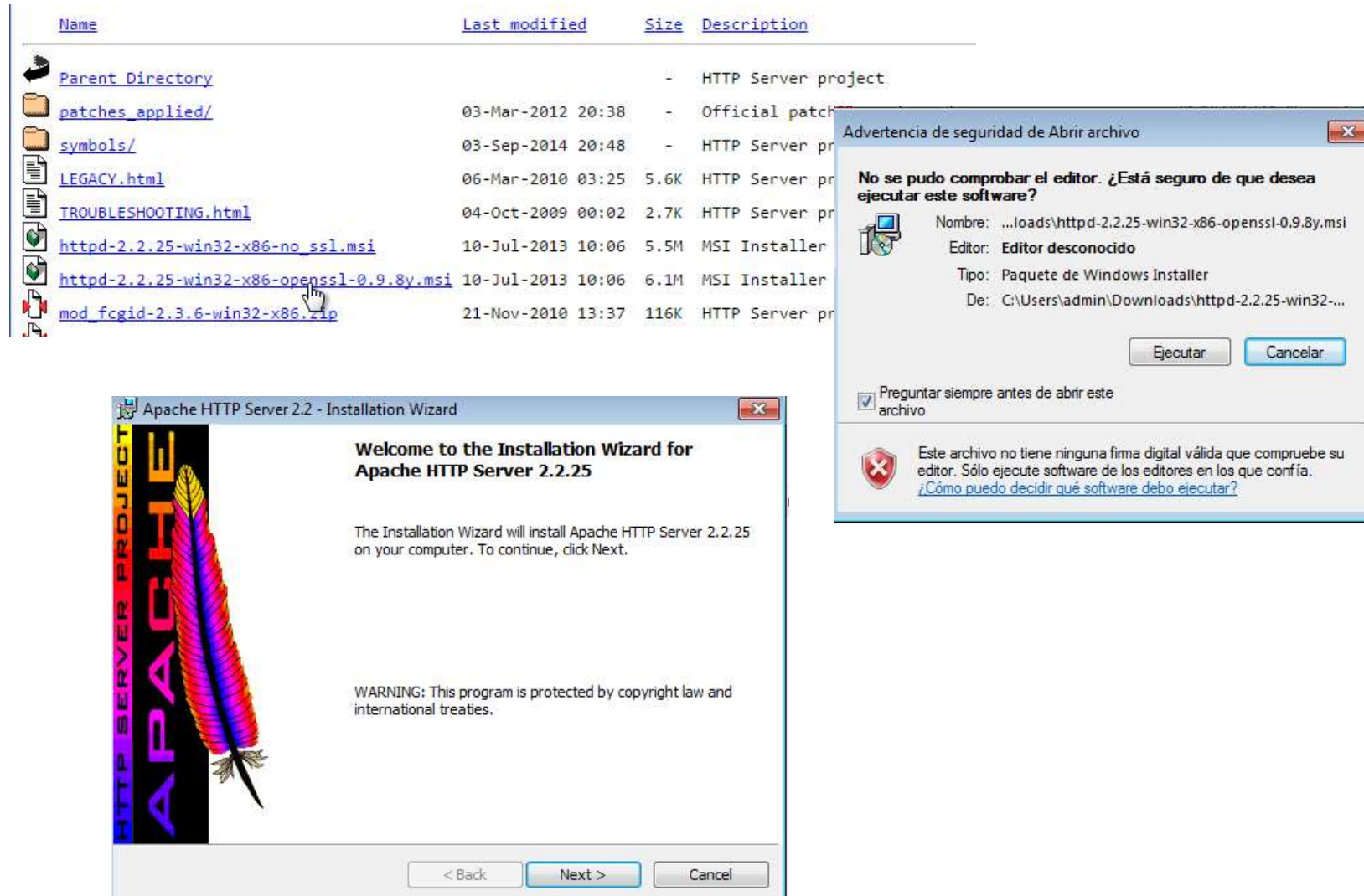
- Source: [httpd-2.4.10.tar.bz2](#) [PGP] [MD5] [SHA1]
- Source: [httpd-2.4.10.tar.gz](#) [PGP] [MD5] [SHA1]
- [Binaries](#)
- [Security and official patches](#)
- [Other files](#)

Bottom Window: apache.rediris.es/httpd/binaries/

Index of /httpd/binaries

	Name	Last modified	Size	Description
	Parent Directory		-	HTTP Server project
	networks/	03-Sep-2014 20:48	-	HTTP Server project
	win32/	03-Sep-2014 20:48	-	HTTP Server project

Instalación



The screenshot shows a file explorer window with a list of files and folders. The files are:

Name	Last modified	Size	Description
Parent Directory		-	HTTP Server project
patches_applied/	03-Mar-2012 20:38	-	Official patch
symbols/	03-Sep-2014 20:48	-	HTTP Server pr
LEGACY.html	06-Mar-2010 03:25	5.6K	HTTP Server pr
TROUBLESHOOTING.html	04-Oct-2009 00:02	2.7K	HTTP Server pr
httpd-2.2.25-win32-x86-no_ssl.msi	10-Jul-2013 10:06	5.5M	MSI Installer
httpd-2.2.25-win32-x86-openssl-0.9.8y.msi	10-Jul-2013 10:06	6.1M	MSI Installer
mod_fcgid-2.3.6-win32-x86.zip	21-Nov-2010 13:37	116K	HTTP Server pr

A security warning dialog box is overlaid on the file explorer. The dialog box has the title "Advertencia de seguridad de Abrir archivo". The main text says: "No se pudo comprobar el editor. ¿Está seguro de que desea ejecutar este software?". The details provided are:

- Nombre: ...loads\httpd-2.2.25-win32-x86-openssl-0.9.8y.msi
- Editor: Editor desconocido
- Tipo: Paquete de Windows Installer
- De: C:\Users\admin\Downloads\httpd-2.2.25-win32-...

There are two buttons: "Ejecutar" and "Cancelar". Below the buttons, there is a checkbox labeled "Preguntar siempre antes de abrir este archivo" which is checked. At the bottom, there is a red shield icon with a white 'X' and the text: "Este archivo no tiene ninguna firma digital válida que compruebe su editor. Sólo ejecute software de los editores en los que confía. ¿Cómo puedo decidir qué software debo ejecutar?".

The Apache HTTP Server 2.2 - Installation Wizard window is also visible. It has the title "Apache HTTP Server 2.2 - Installation Wizard". The main text says: "Welcome to the Installation Wizard for Apache HTTP Server 2.2.25". Below this, it says: "The Installation Wizard will install Apache HTTP Server 2.2.25 on your computer. To continue, click Next." There is a warning message: "WARNING: This program is protected by copyright law and international treaties." At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

Parámetros del servidor



Apache HTTP Server 2.0 - Installation Wizard

Server Information

Please enter your server's information.

Network Domain (e.g. somenet.com)
daw2.net

Server Name (e.g. www.somenet.com):
ServidorXP.daw2.net

Administrator's Email Address (e.g. webmaster@somenet.com):
admin@dwa2.net

Install Apache HTTP Server 2.0 programs and shortcuts for:

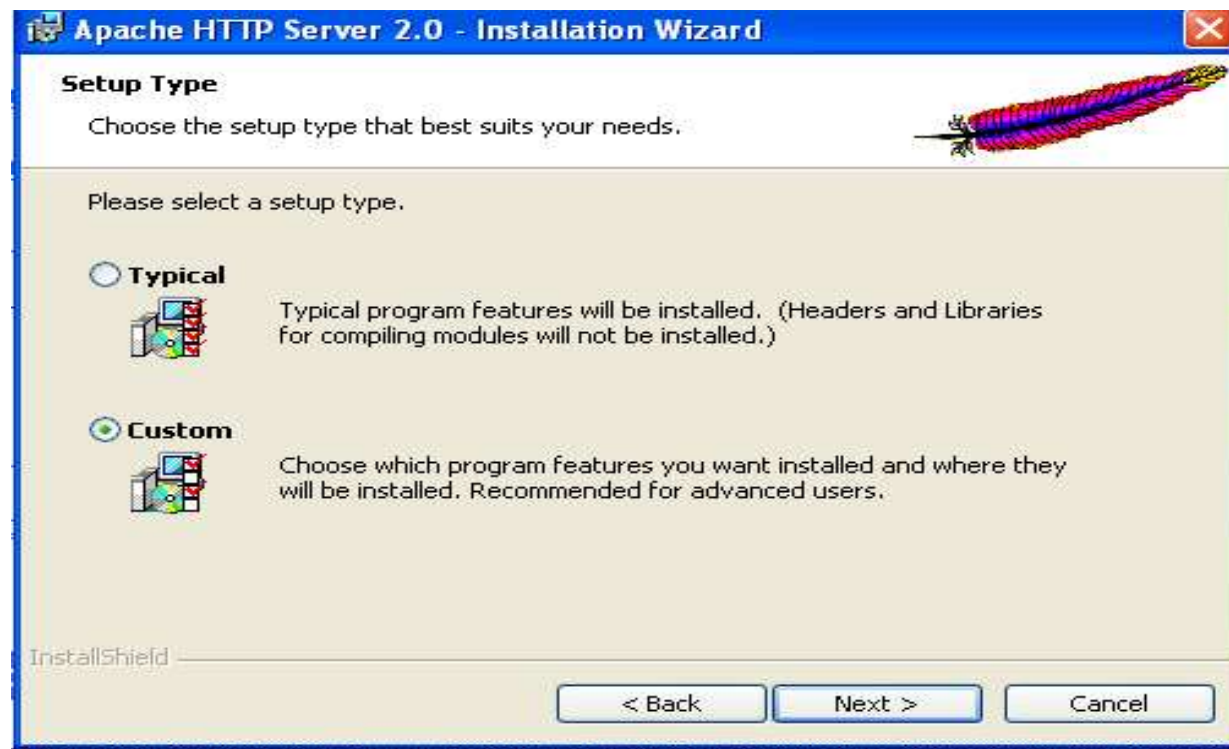
☒ for All Users, on Port 80, as a Service -- Recommended.

☐ only for the Current User, on Port 8080, when started Manually.

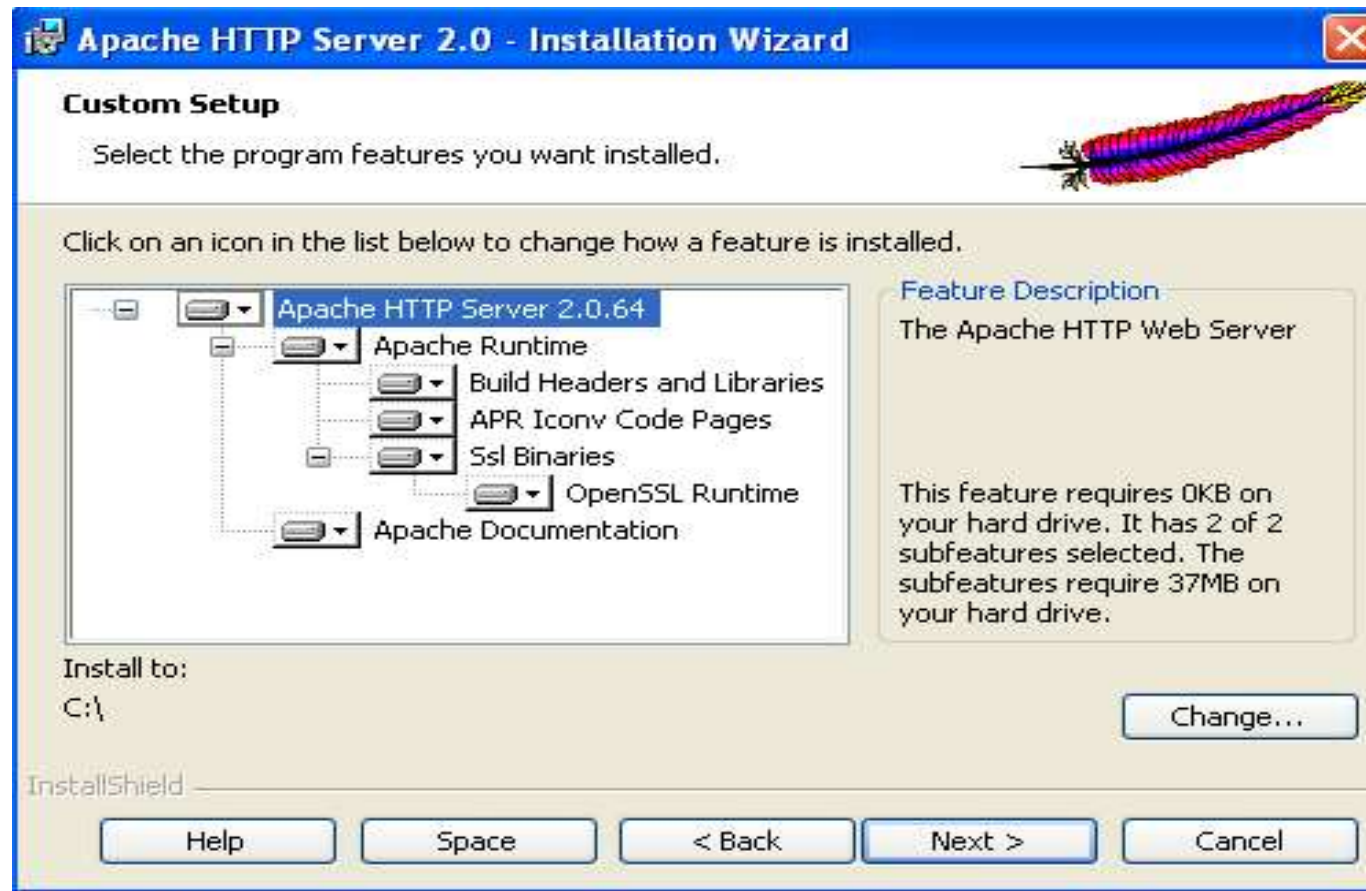
InstallShield

< Back Next > Cancel

Elección del tipo de instalación



Selección del directorio



Fin de la Instalación



Comprobación

- Barra de herramientas:



- Línea de comandos

```
Símbolo del sistema
Microsoft Windows XP [Versión 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\MAITE>netstat -a -p TCP -n

Conexiones activas

Proto  Dirección local      Dirección remota      Estado
TCP    0.0.0.0:80            0.0.0.0:0             LISTENING
TCP    0.0.0.0:135           0.0.0.0:0             LISTENING
TCP    0.0.0.0:445           0.0.0.0:0             LISTENING
TCP    127.0.0.1:1028        0.0.0.0:0             LISTENING
TCP    192.168.1.135:139    0.0.0.0:0             LISTENING
TCP    192.168.1.135:1027   2.20.215.117:80       CLOSE_WAIT

C:\Documents and Settings\MAITE>
```

```
Símbolo del sistema

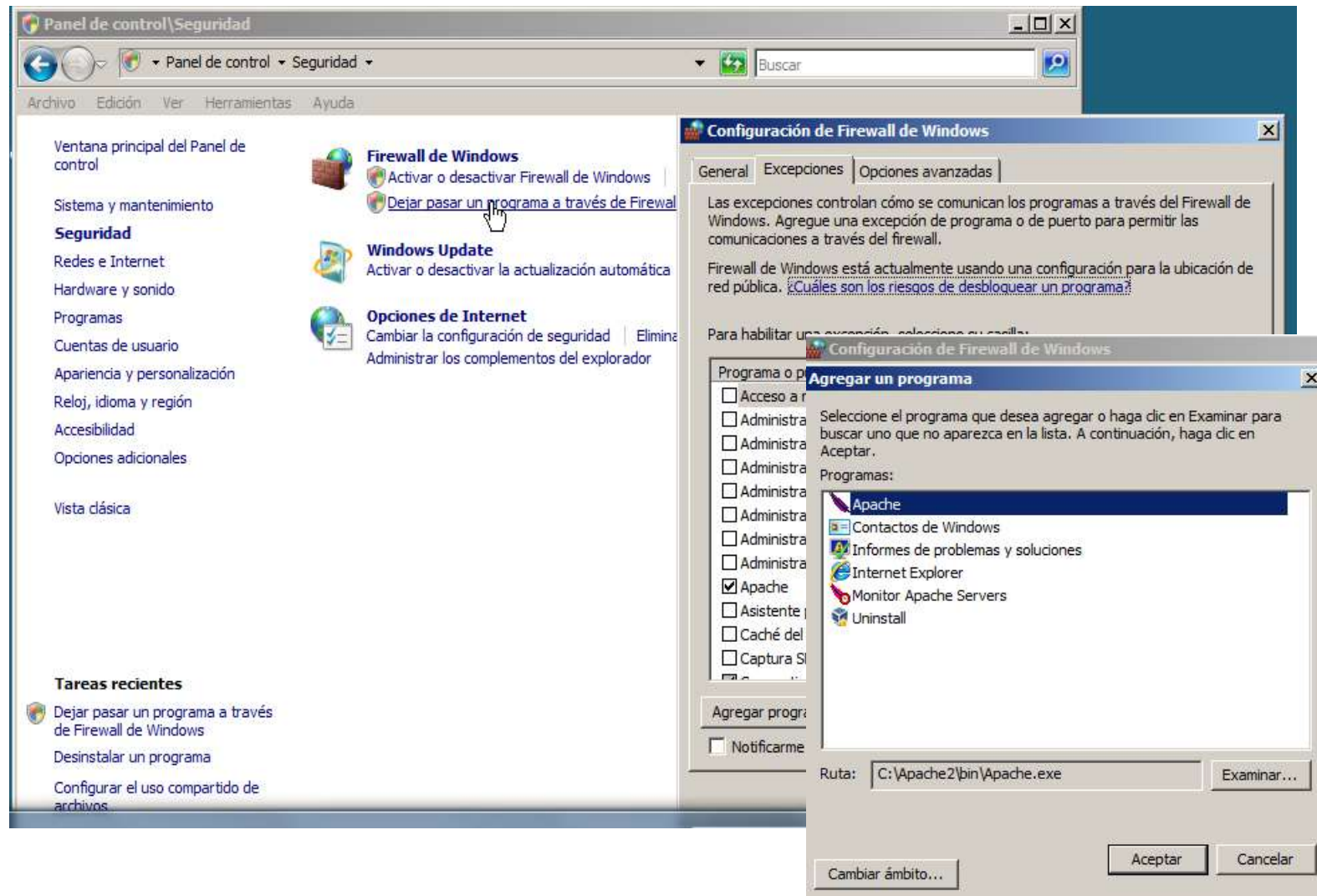
C:\Apache2\bin>c:\Apache2\bin\apache -k install
[Fri Oct 12 09:27:11 2012] [error] Apache2: Service is already installed.

C:\Apache2\bin>
```


Petición desde localhost



Habilitar Apache en el Firewall



Instalación y Configuración Apache en Windows

Acceso



¡Funcionó! ¡El Servidor de Red Apache ha sido instalado en ese sitio!

Si usted puede ver esta página, entonces los dueños de esta máquina han instalado el Servidor de Red Apache con éxito. Ahora deben añadir contenido a este directorio y reemplazar este servidor al contenido real.

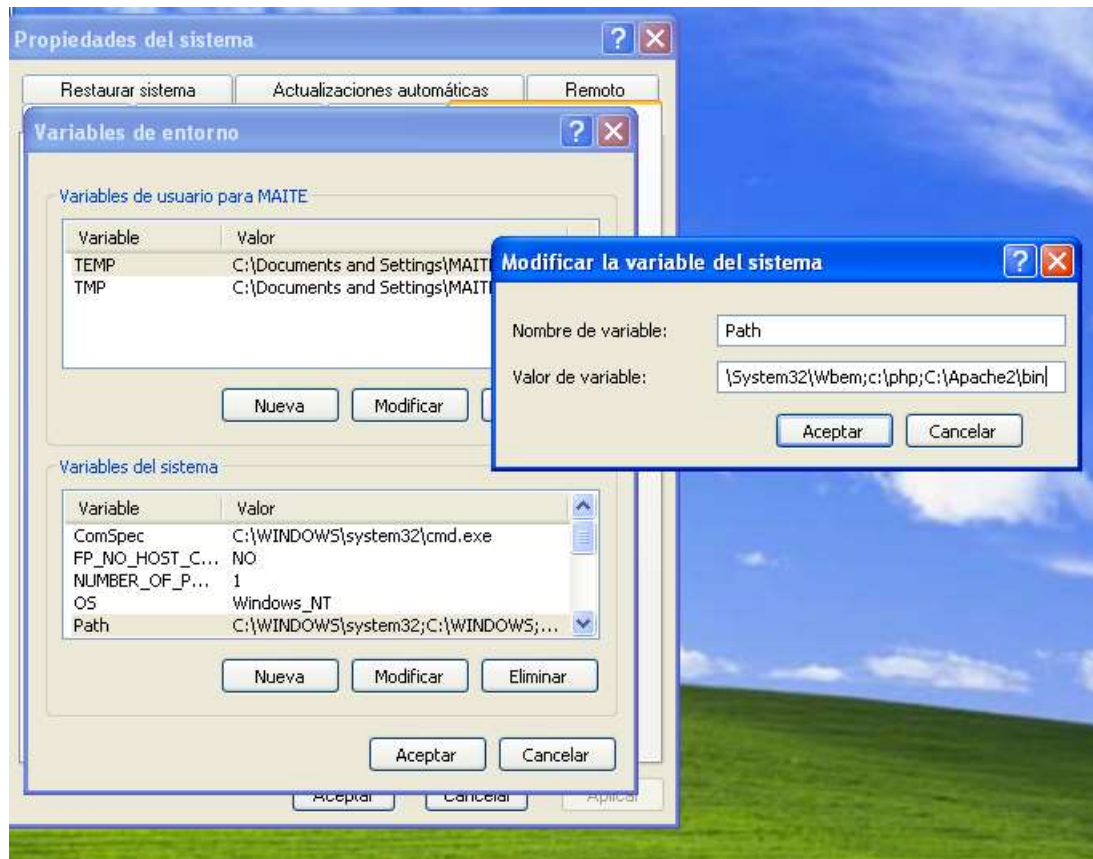
Si usted está leyendo esta página y no es lo que esperaba, por favor **contacte al administrador de este sitio**. (Trate de enviar correo electrónico a <Webmaster@domain>). Esta utilizando el programa Apache es casi seguro que no tiene ninguna conexión con el Apache Group, por eso favor de no enviar correo sobre este sitio o su contenido a los a Apache. Si lo hace, su mensaje será **ignorado**.

La [documentación](#) de Apache ha sido incluida en esta distribución.

El administrador del sitio está invitado a usar la siguiente imagen para indicar que su sitio es servido por Apache. ¡Gracias por usar Apache!

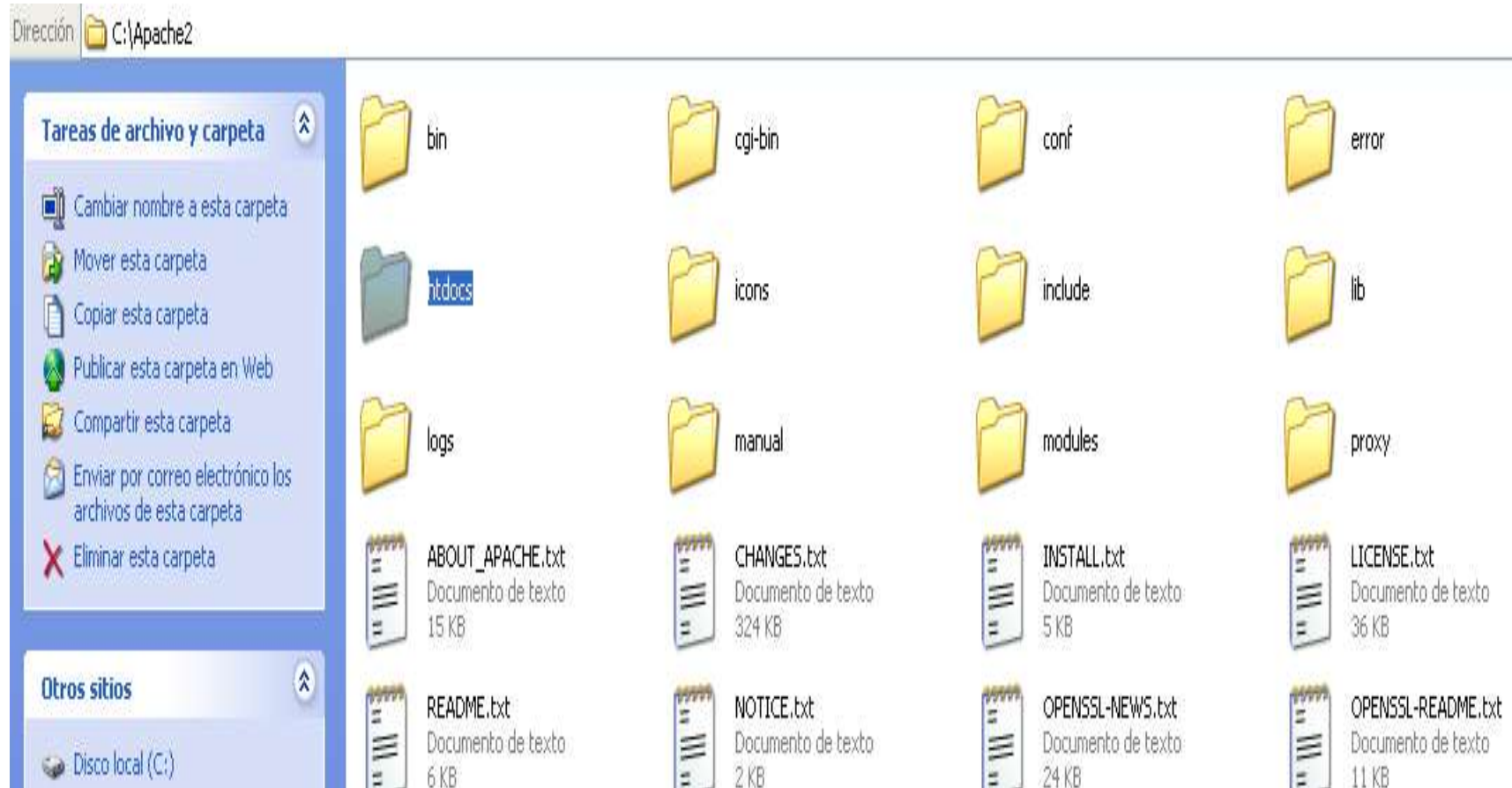


Configurar PATH

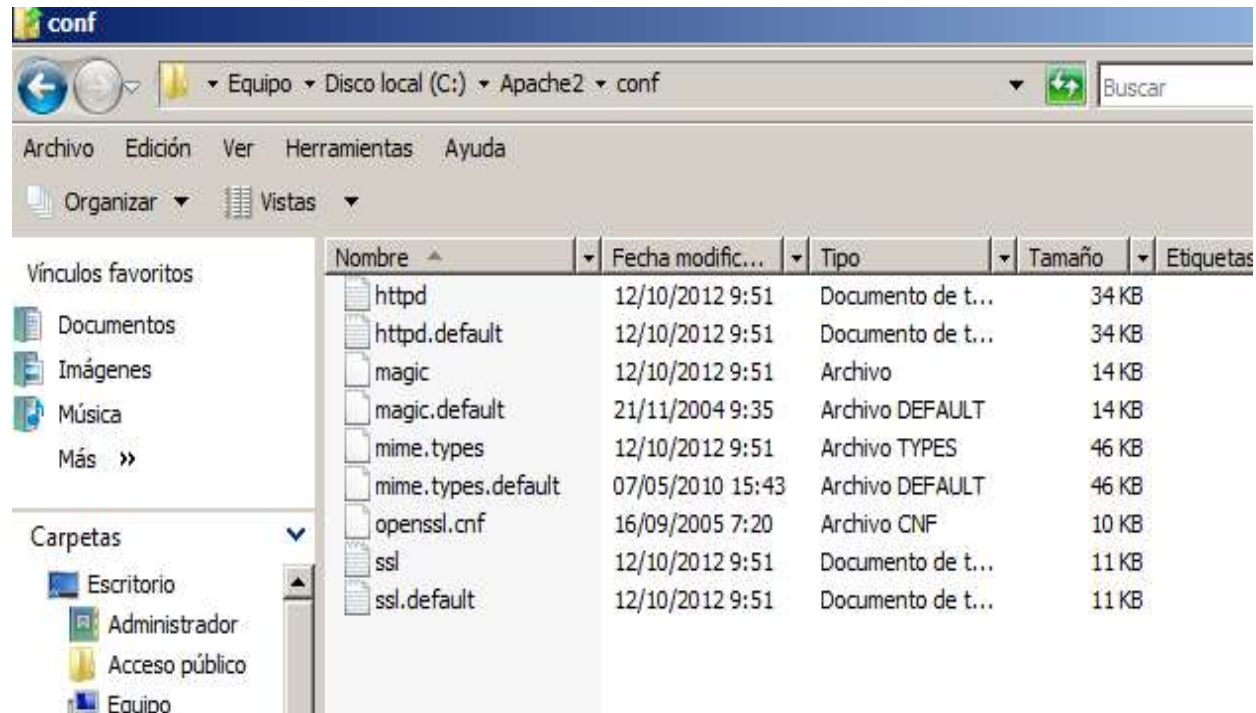


```
C:\Documents and Settings\MAITE>apache -v
Server version: Apache/2.0.64
Server built: Oct 18 2010 01:36:23
```

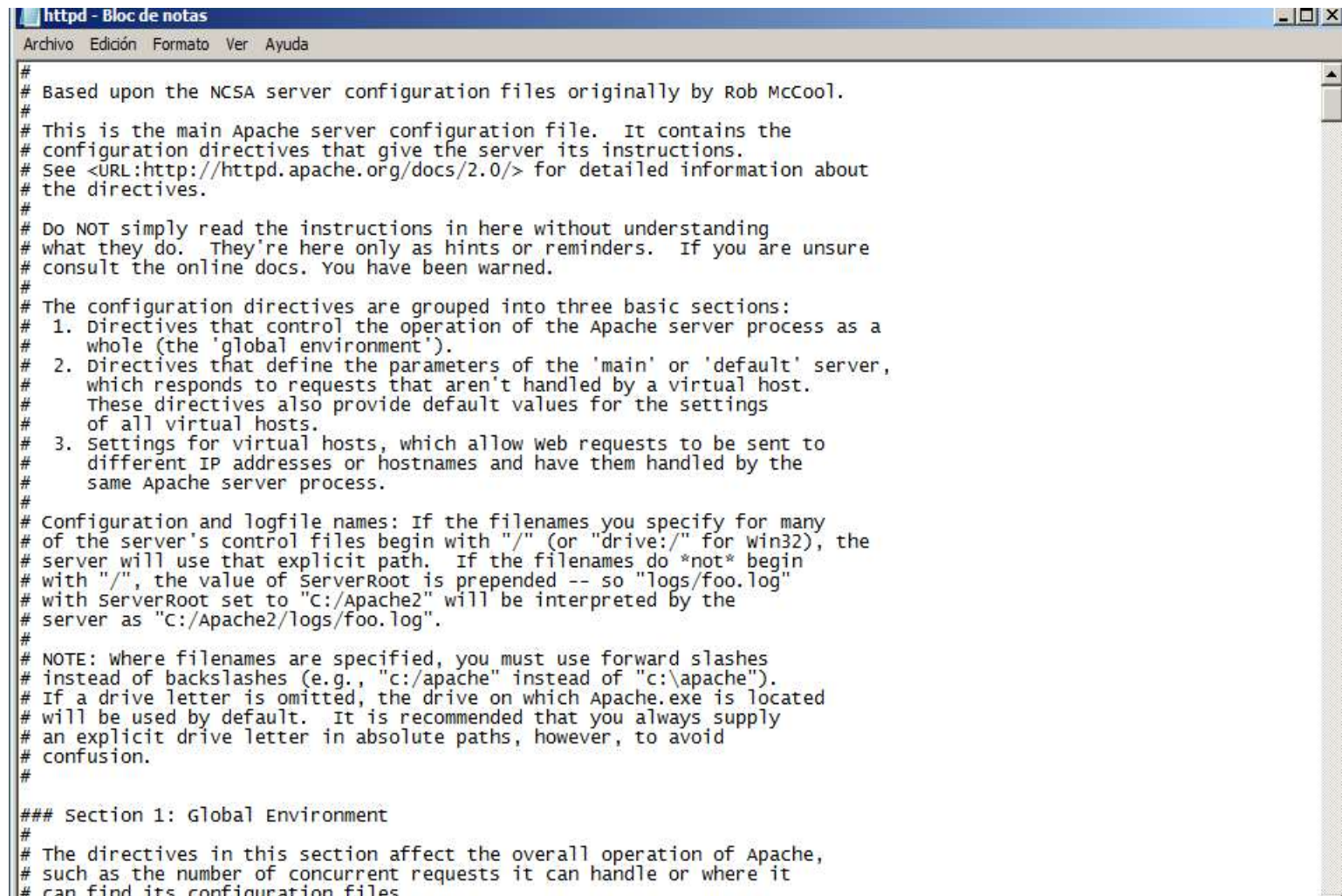
Directorios Apache



Ficheros de configuración



httpd.conf

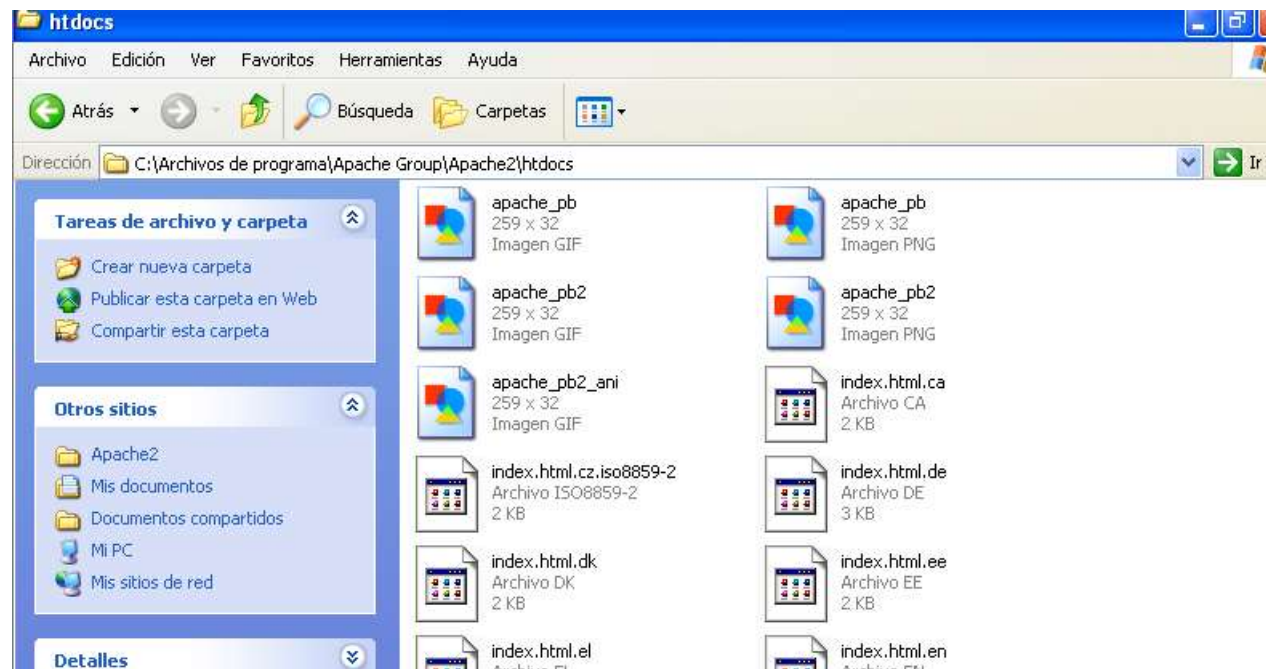


```
# httpd - Bloc de notas
Archivo  Edición  Formato  Ver  Ayuda

#
# Based upon the NCSA server configuration files originally by Rob McCool.
#
# This is the main Apache server configuration file. It contains the
# configuration directives that give the server its instructions.
# See <URL:http://httpd.apache.org/docs/2.0/> for detailed information about
# the directives.
#
# Do NOT simply read the instructions in here without understanding
# what they do. They're here only as hints or reminders. If you are unsure
# consult the online docs. You have been warned.
#
# The configuration directives are grouped into three basic sections:
# 1. Directives that control the operation of the Apache server process as a
#    whole (the 'global environment').
# 2. Directives that define the parameters of the 'main' or 'default' server,
#    which responds to requests that aren't handled by a virtual host.
#    These directives also provide default values for the settings
#    of all virtual hosts.
# 3. Settings for virtual hosts, which allow web requests to be sent to
#    different IP addresses or hostnames and have them handled by the
#    same Apache server process.
#
# Configuration and logfile names: If the filenames you specify for many
# of the server's control files begin with "/" (or "drive:/" for win32), the
# server will use that explicit path. If the filenames do *not* begin
# with "/", the value of ServerRoot is prepended -- so "logs/foo.log"
# with ServerRoot set to "C:/Apache2" will be interpreted by the
# server as "C:/Apache2/logs/foo.log".
#
# NOTE: where filenames are specified, you must use forward slashes
# instead of backslashes (e.g., "c:/apache" instead of "c:\apache").
# If a drive letter is omitted, the drive on which Apache.exe is located
# will be used by default. It is recommended that you always supply
# an explicit drive letter in absolute paths, however, to avoid
# confusion.
#

### Section 1: Global Environment
#
# The directives in this section affect the overall operation of Apache,
# such as the number of concurrent requests it can handle or where it
# can find its configuration files
```

DocumentRoot

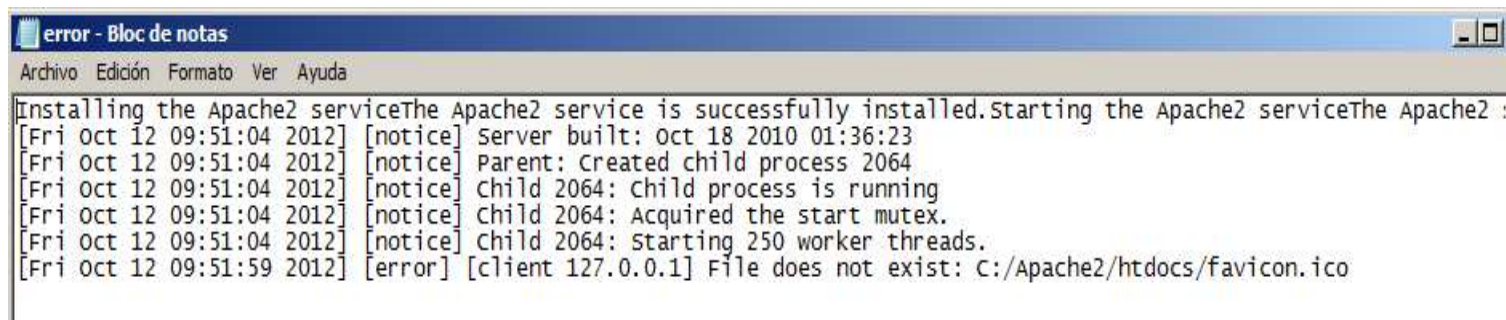
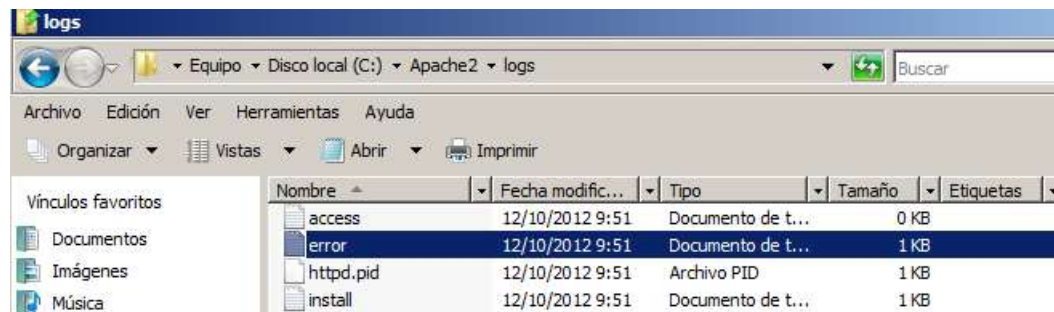


Directivas

- **ServerRoot** "C:/Apache2"
 - **Listen** 80
 - **DocumentRoot** "C:/Apache2/htdocs"
- ```
<Directory "C:/Apache2/htdocs">
 Options Indexes FollowSymLinks
 AllowOverride None
 Order allow,deny
 Allow from all
</Directory>
```

# Directivas

- ErrorLog logs/error.log



# Directivas

- **Include** : Para añadir nuevas funcionalidades

```
<IfModule mod_ssl.c>
```

```
 Include conf/ssl.conf
```

```
</IfModule>
```

# Crear la siguiente estructura de directorios

Dentro del directorio DocumentRoot, crear la siguiente estructura:

- CICLOS
  - DAM.html
  - DAW.html
  - ASIR.html
- lista.html
- Despliegue.html
- Fp.html



# Configuración de Apache

- Ficheros a servir por defecto
- DirectoryIndex
- Impedir listado del contenido de un directorio
- Mensajes de error
- Directorio virtual
- Redireccionamiento
- Módulos (activación del módulo userdir)
- Control de acceso por IP

# Instalación xampp:

## Apache+MySQL+Perl+PHP+Filezilla

- <http://www.apachefriends.org/en/xampp-windows.html>
- Para la Máquina virtual utilizar: **Xampp-win32-1.7.3.exe**

