

Win32SourceConversion

Introduction

Before compiling Apache HTTPD on the Windows platform certain conversions to the source code need to be made. This guide details the steps required.

This conversion is only required if the **httpd-2.x.x-win32-src.zip** isn't available on your local mirror site.

Requirements

1. [Perl Interpreter](#)
2. MSVC6 or better

General Setup

The required unix tarballs can be found here:

- <http://httpd.apache.org/download.cgi>
- <http://apr.apache.org/download.cgi>
- <http://www.zlib.net/>
- <http://www.openssl.org/>

The directory layout is as follows:

<i>Directory</i>	<i>Source File</i>	<i>Required</i>
c:\build\httpd-2.2.x\	httpd-2.2.x.tar.gz	Yes
c:\build\httpd-2.2.x\src\lib\apr-iconv\	apr-iconv-1.1.x.tar.gz	Yes
c:\build\httpd-2.2.x\src\lib\zlib\	zlib-1.2.x.tar.gz	No
c:\build\httpd-2.2.x\src\lib\openssl\	openssl-0.9.x.tar.gz	No

Converting the source code

Open the MS-DOS command line utility (**Start > Run > cmd**) and cd to the main source directory (**cd c:\build\httpd-2.2.x**).

In that directory, execute: **perl src\lib\apr\build\lineends.pl**

Once the script has completed, the source tree should match the httpd-2.x.x-win32-src.zip distribution.

It should compile fine on MSVC6 and better. Makefiles can be exported with MSVC6 so it compiles on MSVC5 also.

Generating Additional Makefiles

Open **apache.dsp** in MSVC6. **Project -> Export Makefiles** Make sure **export dependencies** is checked.

In the main source directory, execute: **perl src\lib\apr\build\fixwin32mak.pl**

The makefiles should now be available.