#

# This is the main Apache HTTP server configuration file. It contains the

# configuration directives that give the server its instructions.

# See <URL:http://httpd.apache.org/docs/2.4/> for detailed information.

# In particular, see

# <URL:http://httpd.apache.org/docs/2.4/mod/directives.html>

# for a discussion of each configuration directive.

#

# 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.

#

# 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/access\_log"

# with ServerRoot set to "/usr/local/apache2" will be interpreted by the

# server as "/usr/local/apache2/logs/access\_log", whereas "/logs/access\_log"

# will be interpreted as '/logs/access\_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 httpd.exe is located

# will be used by default. It is recommended that you always supply

# an explicit drive letter in absolute paths to avoid confusion.

#

# ServerRoot: The top of the directory tree under which the server's

# configuration, error, and log files are kept.

#

# Do not add a slash at the end of the directory path. If you point

# ServerRoot at a non-local disk, be sure to specify a local disk on the

# Mutex directive, if file-based mutexes are used. If you wish to share the

# same ServerRoot for multiple httpd daemons, you will need to change at

# least PidFile.

#

ServerRoot "C:/xampp/apache"

#

# Mutex: Allows you to set the mutex mechanism and mutex file directory

# for individual mutexes, or change the global defaults

#

# Uncomment and change the directory if mutexes are file-based and the default

# mutex file directory is not on a local disk or is not appropriate for some

# other reason.

#

# Mutex default:logs

#

# Listen: Allows you to bind Apache to specific IP addresses and/or

# ports, instead of the default. See also the <VirtualHost>

# directive.

#

# Change this to Listen on specific IP addresses as shown below to

# prevent Apache from glomming onto all bound IP addresses.

#

#Listen 12.34.56.78:80

Listen 80

Listen 8080

#

# Dynamic Shared Object (DSO) Support

#

# To be able to use the functionality of a module which was built as a DSO you

# have to place corresponding `LoadModule' lines at this location so the

# directives contained in it are actually available \_before\_ they are used.

# Statically compiled modules (those listed by `httpd -l') do not need

# to be loaded here.

#

# Example:

# LoadModule foo\_module modules/mod\_foo.so

#

LoadModule access\_compat\_module modules/mod\_access\_compat.so

LoadModule actions\_module modules/mod\_actions.so

LoadModule alias\_module modules/mod\_alias.so

LoadModule allowmethods\_module modules/mod\_allowmethods.so

LoadModule asis\_module modules/mod\_asis.so

LoadModule auth\_basic\_module modules/mod\_auth\_basic.so

#LoadModule auth\_digest\_module modules/mod\_auth\_digest.so

#LoadModule auth\_form\_module modules/mod\_auth\_form.so

#LoadModule authn\_anon\_module modules/mod\_authn\_anon.so

LoadModule authn\_core\_module modules/mod\_authn\_core.so

#LoadModule authn\_dbd\_module modules/mod\_authn\_dbd.so

#LoadModule authn\_dbm\_module modules/mod\_authn\_dbm.so

LoadModule authn\_file\_module modules/mod\_authn\_file.so

#LoadModule authn\_socache\_module modules/mod\_authn\_socache.so

#LoadModule authnz\_fcgi\_module modules/mod\_authnz\_fcgi.so

#LoadModule authnz\_ldap\_module modules/mod\_authnz\_ldap.so

LoadModule authz\_core\_module modules/mod\_authz\_core.so

#LoadModule authz\_dbd\_module modules/mod\_authz\_dbd.so

#LoadModule authz\_dbm\_module modules/mod\_authz\_dbm.so

LoadModule authz\_groupfile\_module modules/mod\_authz\_groupfile.so

LoadModule authz\_host\_module modules/mod\_authz\_host.so

#LoadModule authz\_owner\_module modules/mod\_authz\_owner.so

LoadModule authz\_user\_module modules/mod\_authz\_user.so

LoadModule autoindex\_module modules/mod\_autoindex.so

#LoadModule buffer\_module modules/mod\_buffer.so

#LoadModule cache\_module modules/mod\_cache.so

#LoadModule cache\_disk\_module modules/mod\_cache\_disk.so

#LoadModule cache\_socache\_module modules/mod\_cache\_socache.so

#LoadModule cern\_meta\_module modules/mod\_cern\_meta.so

LoadModule cgi\_module modules/mod\_cgi.so

#LoadModule charset\_lite\_module modules/mod\_charset\_lite.so

#LoadModule data\_module modules/mod\_data.so

#LoadModule dav\_module modules/mod\_dav.so

#LoadModule dav\_fs\_module modules/mod\_dav\_fs.so

LoadModule dav\_lock\_module modules/mod\_dav\_lock.so

#LoadModule dbd\_module modules/mod\_dbd.so

#LoadModule deflate\_module modules/mod\_deflate.so

LoadModule dir\_module modules/mod\_dir.so

#LoadModule dumpio\_module modules/mod\_dumpio.so

LoadModule env\_module modules/mod\_env.so

#LoadModule expires\_module modules/mod\_expires.so

#LoadModule ext\_filter\_module modules/mod\_ext\_filter.so

#LoadModule file\_cache\_module modules/mod\_file\_cache.so

#LoadModule filter\_module modules/mod\_filter.so

#LoadModule http2\_module modules/mod\_http2.so

LoadModule headers\_module modules/mod\_headers.so

#LoadModule heartbeat\_module modules/mod\_heartbeat.so

#LoadModule heartmonitor\_module modules/mod\_heartmonitor.so

#LoadModule ident\_module modules/mod\_ident.so

#LoadModule imagemap\_module modules/mod\_imagemap.so

LoadModule include\_module modules/mod\_include.so

LoadModule info\_module modules/mod\_info.so

LoadModule isapi\_module modules/mod\_isapi.so

#LoadModule lbmethod\_bybusyness\_module modules/mod\_lbmethod\_bybusyness.so

#LoadModule lbmethod\_byrequests\_module modules/mod\_lbmethod\_byrequests.so

#LoadModule lbmethod\_bytraffic\_module modules/mod\_lbmethod\_bytraffic.so

#LoadModule lbmethod\_heartbeat\_module modules/mod\_lbmethod\_heartbeat.so

#LoadModule ldap\_module modules/mod\_ldap.so

#LoadModule logio\_module modules/mod\_logio.so

LoadModule log\_config\_module modules/mod\_log\_config.so

#LoadModule log\_debug\_module modules/mod\_log\_debug.so

#LoadModule log\_forensic\_module modules/mod\_log\_forensic.so

#LoadModule lua\_module modules/mod\_lua.so

LoadModule cache\_disk\_module modules/mod\_cache\_disk.so

#LoadModule macro\_module modules/mod\_macro.so

LoadModule mime\_module modules/mod\_mime.so

#LoadModule mime\_magic\_module modules/mod\_mime\_magic.so

LoadModule negotiation\_module modules/mod\_negotiation.so

LoadModule proxy\_module modules/mod\_proxy.so

LoadModule proxy\_ajp\_module modules/mod\_proxy\_ajp.so

#LoadModule proxy\_balancer\_module modules/mod\_proxy\_balancer.so

#LoadModule proxy\_connect\_module modules/mod\_proxy\_connect.so

#LoadModule proxy\_express\_module modules/mod\_proxy\_express.so

#LoadModule proxy\_fcgi\_module modules/mod\_proxy\_fcgi.so

#LoadModule proxy\_ftp\_module modules/mod\_proxy\_ftp.so

#LoadModule proxy\_html\_module modules/mod\_proxy\_html.so

#LoadModule proxy\_http\_module modules/mod\_proxy\_http.so

#LoadModule proxy\_scgi\_module modules/mod\_proxy\_scgi.so

#LoadModule proxy\_wstunnel\_module modules/mod\_proxy\_wstunnel.so

#LoadModule ratelimit\_module modules/mod\_ratelimit.so

#LoadModule reflector\_module modules/mod\_reflector.so

#LoadModule remoteip\_module modules/mod\_remoteip.so

#LoadModule request\_module modules/mod\_request.so

#LoadModule reqtimeout\_module modules/mod\_reqtimeout.so

LoadModule rewrite\_module modules/mod\_rewrite.so

#LoadModule sed\_module modules/mod\_sed.so

#LoadModule session\_module modules/mod\_session.so

#LoadModule session\_cookie\_module modules/mod\_session\_cookie.so

#LoadModule session\_crypto\_module modules/mod\_session\_crypto.so

#LoadModule session\_dbd\_module modules/mod\_session\_dbd.so

LoadModule setenvif\_module modules/mod\_setenvif.so

#LoadModule slotmem\_plain\_module modules/mod\_slotmem\_plain.so

#LoadModule slotmem\_shm\_module modules/mod\_slotmem\_shm.so

#LoadModule socache\_dbm\_module modules/mod\_socache\_dbm.so

#LoadModule socache\_memcache\_module modules/mod\_socache\_memcache.so

LoadModule socache\_shmcb\_module modules/mod\_socache\_shmcb.so

#LoadModule speling\_module modules/mod\_speling.so

LoadModule ssl\_module modules/mod\_ssl.so

LoadModule status\_module modules/mod\_status.so

#LoadModule substitute\_module modules/mod\_substitute.so

#LoadModule unique\_id\_module modules/mod\_unique\_id.so

#LoadModule userdir\_module modules/mod\_userdir.so

#LoadModule usertrack\_module modules/mod\_usertrack.so

LoadModule version\_module modules/mod\_version.so

#LoadModule vhost\_alias\_module modules/mod\_vhost\_alias.so

#LoadModule watchdog\_module modules/mod\_watchdog.so

#LoadModule xml2enc\_module modules/mod\_xml2enc.so

<IfModule unixd\_module>

#

# If you wish httpd to run as a different user or group, you must run

# httpd as root initially and it will switch.

#

# User/Group: The name (or #number) of the user/group to run httpd as.

# It is usually good practice to create a dedicated user and group for

# running httpd, as with most system services.

#

User daemon

Group daemon

</IfModule>

# 'Main' server configuration

#

# The directives in this section set up the values used by the 'main'

# server, which responds to any requests that aren't handled by a

# <VirtualHost> definition. These values also provide defaults for

# any <VirtualHost> containers you may define later in the file.

#

# All of these directives may appear inside <VirtualHost> containers,

# in which case these default settings will be overridden for the

# virtual host being defined.

#

#

# ServerAdmin: Your address, where problems with the server should be

# e-mailed. This address appears on some server-generated pages, such

# as error documents. e.g. admin@your-domain.com

#

ServerAdmin postmaster@localhost

#

# ServerName gives the name and port that the server uses to identify itself.

# This can often be determined automatically, but we recommend you specify

# it explicitly to prevent problems during startup.

#

# If your host doesn't have a registered DNS name, enter its IP address here.

#

ServerName localhost:80

ServerName localhost:8080

#

# Deny access to the entirety of your server's filesystem. You must

# explicitly permit access to web content directories in other

# <Directory> blocks below.

#

<Directory />

AllowOverride none

Require all denied

</Directory>

#

# Note that from this point forward you must specifically allow

# particular features to be enabled - so if something's not working as

# you might expect, make sure that you have specifically enabled it

# below.

#

#

# DocumentRoot: The directory out of which you will serve your

# documents. By default, all requests are taken from this directory, but

# symbolic links and aliases may be used to point to other locations.

#

DocumentRoot "C:/xampp/htdocs"

<Directory "C:/xampp/htdocs">

#

# Possible values for the Options directive are "None", "All",

# or any combination of:

# Indexes Includes FollowSymLinks SymLinksifOwnerMatch ExecCGI MultiViews

#

# Note that "MultiViews" must be named \*explicitly\* --- "Options All"

# doesn't give it to you.

#

# The Options directive is both complicated and important. Please see

# http://httpd.apache.org/docs/2.4/mod/core.html#options

# for more information.

#

Options Indexes FollowSymLinks Includes ExecCGI

#

# AllowOverride controls what directives may be placed in .htaccess files.

# It can be "All", "None", or any combination of the keywords:

# AllowOverride FileInfo AuthConfig Limit

#

AllowOverride All

#

# Controls who can get stuff from this server.

#

Require all granted

</Directory>

#

# DirectoryIndex: sets the file that Apache will serve if a directory

# is requested.

#

<IfModule dir\_module>

DirectoryIndex index.php index.pl index.cgi index.asp index.shtml index.html index.htm \

default.php default.pl default.cgi default.asp default.shtml default.html default.htm \

home.php home.pl home.cgi home.asp home.shtml home.html home.htm

</IfModule>

#

# The following lines prevent .htaccess and .htpasswd files from being

# viewed by Web clients.

#

<Files ".ht\*">

Require all denied

</Files>

#

# ErrorLog: The location of the error log file.

# If you do not specify an ErrorLog directive within a <VirtualHost>

# container, error messages relating to that virtual host will be

# logged here. If you \*do\* define an error logfile for a <VirtualHost>

# container, that host's errors will be logged there and not here.

#

ErrorLog "logs/error.log"

#

# LogLevel: Control the number of messages logged to the error\_log.

# Possible values include: debug, info, notice, warn, error, crit,

# alert, emerg.

#

LogLevel warn

<IfModule log\_config\_module>

#

# The following directives define some format nicknames for use with

# a CustomLog directive (see below).

#

LogFormat "%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"" combined

LogFormat "%h %l %u %t \"%r\" %>s %b" common

<IfModule logio\_module>

# You need to enable mod\_logio.c to use %I and %O

LogFormat "%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\" %I %O" combinedio

</IfModule>

#

# The location and format of the access logfile (Common Logfile Format).

# If you do not define any access logfiles within a <VirtualHost>

# container, they will be logged here. Contrariwise, if you \*do\*

# define per-<VirtualHost> access logfiles, transactions will be

# logged therein and \*not\* in this file.

#

#CustomLog "logs/access.log" common

#

# If you prefer a logfile with access, agent, and referer information

# (Combined Logfile Format) you can use the following directive.

#

CustomLog "logs/access.log" combined

</IfModule>

<IfModule alias\_module>

#

# Redirect: Allows you to tell clients about documents that used to

# exist in your server's namespace, but do not anymore. The client

# will make a new request for the document at its new location.

# Example:

# Redirect permanent /foo http://www.example.com/bar

#

# Alias: Maps web paths into filesystem paths and is used to

# access content that does not live under the DocumentRoot.

# Example:

# Alias /webpath /full/filesystem/path

#

# If you include a trailing / on /webpath then the server will

# require it to be present in the URL. You will also likely

# need to provide a <Directory> section to allow access to

# the filesystem path.

#

# ScriptAlias: This controls which directories contain server scripts.

# ScriptAliases are essentially the same as Aliases, except that

# documents in the target directory are treated as applications and

# run by the server when requested rather than as documents sent to the

# client. The same rules about trailing "/" apply to ScriptAlias

# directives as to Alias.

#

ScriptAlias /cgi-bin/ "C:/xampp/cgi-bin/"

</IfModule>

<IfModule cgid\_module>

#

# ScriptSock: On threaded servers, designate the path to the UNIX

# socket used to communicate with the CGI daemon of mod\_cgid.

#

#Scriptsock cgisock

</IfModule>

#

# "C:/xampp/cgi-bin" should be changed to whatever your ScriptAliased

# CGI directory exists, if you have that configured.

#

<Directory "C:/xampp/cgi-bin">

AllowOverride All

Options None

Require all granted

</Directory>

<IfModule mime\_module>

#

# TypesConfig points to the file containing the list of mappings from

# filename extension to MIME-type.

#

TypesConfig conf/mime.types

#

# AddType allows you to add to or override the MIME configuration

# file specified in TypesConfig for specific file types.

#

#AddType application/x-gzip .tgz

#

# AddEncoding allows you to have certain browsers uncompress

# information on the fly. Note: Not all browsers support this.

#

#AddEncoding x-compress .Z

#AddEncoding x-gzip .gz .tgz

#

# If the AddEncoding directives above are commented-out, then you

# probably should define those extensions to indicate media types:

#

AddType application/x-compress .Z

AddType application/x-gzip .gz .tgz

#

# AddHandler allows you to map certain file extensions to "handlers":

# actions unrelated to filetype. These can be either built into the server

# or added with the Action directive (see below)

#

# To use CGI scripts outside of ScriptAliased directories:

# (You will also need to add "ExecCGI" to the "Options" directive.)

#

AddHandler cgi-script .cgi .pl .asp

# For type maps (negotiated resources):

#AddHandler type-map var

#

# Filters allow you to process content before it is sent to the client.

#

# To parse .shtml files for server-side includes (SSI):

# (You will also need to add "Includes" to the "Options" directive.)

#

AddType text/html .shtml

AddOutputFilter INCLUDES .shtml

</IfModule>

#

# The mod\_mime\_magic module allows the server to use various hints from the

# contents of the file itself to determine its type. The MIMEMagicFile

# directive tells the module where the hint definitions are located.

#

<IfModule mime\_magic\_module>

#

# The mod\_mime\_magic module allows the server to use various hints from the

# contents of the file itself to determine its type. The MIMEMagicFile

# directive tells the module where the hint definitions are located.

#

MIMEMagicFile "conf/magic"

</IfModule>

#

# Customizable error responses come in three flavors:

# 1) plain text 2) local redirects 3) external redirects

#

# Some examples:

#ErrorDocument 500 "The server made a boo boo."

#ErrorDocument 404 /missing.html

#ErrorDocument 404 "/cgi-bin/missing\_handler.pl"

#ErrorDocument 402 http://www.example.com/subscription\_info.html

#

#

# MaxRanges: Maximum number of Ranges in a request before

# returning the entire resource, or one of the special

# values 'default', 'none' or 'unlimited'.

# Default setting is to accept 200 Ranges.

#MaxRanges unlimited

#

# EnableMMAP and EnableSendfile: On systems that support it,

# memory-mapping or the sendfile syscall may be used to deliver

# files. This usually improves server performance, but must

# be turned off when serving from networked-mounted

# filesystems or if support for these functions is otherwise

# broken on your system.

# Defaults: EnableMMAP On, EnableSendfile Off

#

#EnableMMAP off

#EnableSendfile off

# Supplemental configuration

#

# The configuration files in the conf/extra/ directory can be

# included to add extra features or to modify the default configuration of

# the server, or you may simply copy their contents here and change as

# necessary.

# Server-pool management (MPM specific)

Include conf/extra/httpd-mpm.conf

# Multi-language error messages

Include conf/extra/httpd-multilang-errordoc.conf

# Fancy directory listings

Include conf/extra/httpd-autoindex.conf

# Language settings

Include conf/extra/httpd-languages.conf

# User home directories

Include conf/extra/httpd-userdir.conf

# Real-time info on requests and configuration

Include conf/extra/httpd-info.conf

# Virtual hosts

Include conf/extra/httpd-vhosts.conf

# Local access to the Apache HTTP Server Manual

#Include conf/extra/httpd-manual.conf

# Distributed authoring and versioning (WebDAV)

#Attention! WEB\_DAV is a security risk without a new userspecific configuration for a secure authentifcation

#Include conf/extra/httpd-dav.conf

# Various default settings

#Include conf/extra/httpd-default.conf

# Implements a proxy/gateway for Apache.

Include "conf/extra/httpd-proxy.conf"

# Various default settings

Include "conf/extra/httpd-default.conf"

# XAMPP settings

Include "conf/extra/httpd-xampp.conf"

# Configure mod\_proxy\_html to understand HTML4/XHTML1

<IfModule proxy\_html\_module>

Include conf/extra/proxy-html.conf

</IfModule>

# Secure (SSL/TLS) connections

Include conf/extra/httpd-ssl.conf

#

# Note: The following must must be present to support

# starting without SSL on platforms with no /dev/random equivalent

# but a statically compiled-in mod\_ssl.

#

<IfModule ssl\_module>

SSLRandomSeed startup builtin

SSLRandomSeed connect builtin

</IfModule>

#

# uncomment out the below to deal with user agents that deliberately

# violate open standards by misusing DNT (DNT \*must\* be a specific

# end-user choice)

#

#<IfModule setenvif\_module>

#BrowserMatch "MSIE 10.0;" bad\_DNT

#</IfModule>

#<IfModule headers\_module>

#RequestHeader unset DNT env=bad\_DNT

#</IfModule>

# XAMPP: We disable operating system specific optimizations for a listening

# socket by the http protocol here. IE 64 bit make problems without this.

AcceptFilter http none

AcceptFilter https none

# AJP13 Proxy

<IfModule mod\_proxy.c>

<IfModule mod\_proxy\_ajp.c>

Include "conf/extra/httpd-ajp.conf"

</IfModule>

</IfModule>