

 免费电子书

学习

apache

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1: apache

apache。

apache。 [apacheDocumentation。](#)

Apache httpd

1.3	4231	199866
2.0	2.0.65	200246
2.2	2.2.32	2005-12-01
2.4	2.4.25	2012-02-21

Examples

Apache。

Ubuntu

```
sudo apt-get install apache2
```

Windows

[WAMP。](#) [WAMPWindowsApacheMySQLPhpMyAdmin。](#)

CentOS

Apache 2.2CentOS62.4CentOS7

```
yum -y install httpd
```

macOS

macOSApacheHomebrewApache

Apache

```
$ sudo apachectl stop
$ sudo launchctl unload -w /System/Library/LaunchDaemons/org.apache.httpd.plist 2>/dev/null
$ brew install httpd24 --with-privileged-ports --with-http2
```

[Ubuntu]Hello World

Hello World HTML

- `sudo apt-get install apache2`

HTML

Apache `/var/www/html/` ◦ ◦ `cd /var/www/html/` ◦

html ◦ **Hello World** ◦

```
<!DOCTYPE html>
<html>
<head>
  <title>Hello World!</title>
</head>
<body>
  <h1>Hello World!</h1>
</body>
</html>
```

index.html

localhost ◦ 127.0.0.1 ◦ **“Hello World”** h1 ◦

◦

◦

```
$ ps -aef | grep httpd
```

Apache httpd ◦

[apache https://riptutorial.com/zh-CN/apache/topic/964/apache](https://riptutorial.com/zh-CN/apache/topic/964/apache)

2: Apache Flume

Apache Flume// ◦

Flume◦ WebHDFS ◦

Examples

/

◦ ◦

- /◦ Web◦

-

◦ ◦ HDFSput◦ put◦

Apache Flume <https://riptutorial.com/zh-CN/apache/topic/9630/apache-flume>

3: Apache.htaccess

Examples

ApacheRewriteEngineURL

```
<IfModule mod_rewrite.c>
RewriteEngine On
RewriteBase /
RewriteRule ^index\.php$ - [L]
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule . /index.php [END]
</IfModule>
```

PHPindex.phpindex.html。 WordPress。

Apache httpd 2.2.16FallbackResource

```
FallbackResource /index.php
```

HTTPS

.htaccessHTTPHTTPS。

```
RewriteEngine On
RewriteCond %{HTTPS} =off
RewriteRule ^ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
```

%{HTTP_HOST}。

%{HTTP_HOST}。

1. RewriteEngine 。
2. HTTPS。
3. HTTP 301https://%{HTTP_HOST}%{REQUEST_URI}
 - %{HTTP_HOST}
 - %{REQUEST_URI} URI。

WebHTTPSApache。

http vhostRedirect.htaccess。 <http://wiki.apache.org/httpd/RedirectSSL> 。

CORS

Apache CORS HTTPCORS。 .htaccessHTTPyour-site.confApache。 ApacheHTTP<VirtualHost>

<Directory> <Location><Files> 。

CORSHTTP

```
Access-Control-Allow-Origin
Access-Control-Allow-Credentials
Access-Control-Allow-Methods
Access-Control-Max-Age
Access-Control-Allow-Headers
Access-Control-Expose-Headers
```

“” 。 HTTP 。 https://en.wikipedia.org/wiki/Cross-origin_resource_sharing 。

HTTPAccess-Control-Allow-Origin 。

<Directory>HTTPSSLFQDN

```
<Directory /path/to/your/site/>
    Header set Access-Control-Allow-Origin "https://my.CLIENT.domain"
</Directory>
```

<https://my.client.domain>。

Access-Control-Allow-Origin: "*" 。 API 。 HTTP 。 APIHTTP“” 。 Apache 。 CORS HTTPAPI

```
<Directory /path/to/your/site/>
    Options +FollowSymLinks
    Options +Indexes
    RewriteEngine On

    #Make sure it's not a specific file or directory that they're trying to reach
    RewriteCond %{SCRIPT_FILENAME} !-f
    RewriteCond %{SCRIPT_FILENAME} !-d
    Header set Access-Control-Allow-Origin "*"
    RewriteRule ^(.*)$ index.php/$1 [L]
</Directory>
```

[mod_headers](#) a2enmod headers

301 Htaccess

HTTP301 Moved PermanentlyURLURL 。 “”URL 。 301HTTPHTTPS 。 PHP-APACHEhtaccess

```
Redirect 301 /oldpage/ /newpage/
```

htaccesswwwSSL 。

```
RewriteEngine On
RewriteCond %{HTTPS} off
RewriteCond %{HTTP_HOST} ^www\.(.*)$ [NC]
RewriteRule ^(.*)$ http://%1/$1 [R=301,L]

RewriteCond %{HTTPS} on
```

```
RewriteCond %{HTTP_HOST} ^www\.(.*)$ [NC]
RewriteRule ^(.*)$ https://%1/$1 [R=301,L]

RewriteEngine On
RewriteCond %{SERVER_PORT} 80
RewriteRule ^(.*)$ https://example.com/$1 [R,L]
```

Apache.htaccess <https://riptutorial.com/zh-CN/apache/topic/2089/apache-htaccess>

4: Apache

ApacheVirtualHostApache Virtual Host ◦ VirtualHost◦

Examples

ApacheApache

HTTP◦ IP◦

◦ ubuntu/ etc / apache2 / sites-available◦ 000-default.conf◦ ◦

example.com domain.com ◦

```
cp 000-default.conf example.com.conf
```

```
<VirtualHost *:80>
    ServerAdmin admin@example.com
    ServerName example.com
    ServerAlias www.example.com

    DocumentRoot /var/www/example.com/html

    ErrorLog /var/log/apache/logs/error.log
    # Possible values include: debug, info, notice, warn, error, crit,
    # alert, emerg.
    LogLevel warn

    CustomLog /var/log/apache/logs/access.log combined
</VirtualHost>
```

- 80http◦ IP*IP◦
- ServerAdminhttp◦
- ServerName◦
- ServerAliaswww.domain.com
- DocumentRoot◦
- ErrorLog
- LogLevel ◦
- CustomLog

example.com◦

Apache

```
sudo a2ensite example.com.conf
```

apache

```
sudo service apache2 reload
```

- DNSIP
- 80
- - www-data/www-data/750640。

/var/www/。

PHP

PHP。

- PHP。
- 。

```
<VirtualHost *:80>
    ServerName example.com
    DocumentRoot /var/www/domains/example.com/html
    ErrorLog /var/www/domains/example.com/apache.error.log
    CustomLog /var/www/domains/example.com/apache.access.log common
    php_flag log_errors on
    php_flag display_errors on
    php_value error_reporting 2147483647
    php_value error_log /var/www/domains/example.com/php.error.log
</VirtualHost>
```

display_errors。

WAMP

Windows 7 PC

1 GOTO -> C:\Windows\System32\drivers\etc\hosts"。

++。

。

127.0.0.1 localhost。 127.0.0.1 myproject1.local"myproject1.local""localhost / myproject1"。

2 GOTO C:\wamp\bin\apache\Your-Apache-Version\conf\extra\httpd-vhosts"。

```
<VirtualHost *:80>
    ServerAdmin webmaster@dummy.example.com
    DocumentRoot "c:/wamp/www/myproject1/"
    ServerName myproject1.local
    ErrorLog "logs/myproject1.local-error.log"
    CustomLog "logs/myproject1.local.log" common
</VirtualHost>
```

"c:/wamp/www/myproject1/"

3GOTO \ wamp \ bin \ apache \ your-Apache-Version \ conf

“**httpd.conf**”。“**#Virtual hosts**”“**Include conf / extra / httpd-vhosts.conf**”wamp-server。

Webmyproject1.local。

localhostlocalhostURL。“**httpd-vhosts**”。

```
<VirtualHost *:80>
    ServerAdmin webmaster@dummy.example.com
    DocumentRoot "c:/wamp/www"
    ServerName localhost
    ErrorLog "logs/localhost-error.log"
    CustomLog "logs/localhost.log" common
</VirtualHost>
```

WAMP。

Chintan Gor

1IP23Apache2.4

1IP

```
<VirtualHost 192.168.13.37>
    ServerName example.com
    DocumentRoot /var/www/domains/example.com/html
    ErrorLog /var/log/example.com/error.log
    CustomLog /var/log/example.com/access.log common
</VirtualHost>

<VirtualHost 192.168.47.11>
    ServerName otherurl.com
    DocumentRoot /srv/www/htdocs/otherurl.com/html
    ErrorLog /var/log/otherurl.com/error.log
    CustomLog /var/log/otherurl.com/access.log common
</VirtualHost>
```

IP。 vhost。

2vhost

NameVirtualHostvhost。

```
<VirtualHost *:80>
    DocumentRoot /srv/www/htdocs/otherurl.com/html
    ErrorLog /var/log/otherurl.com/error.log
    CustomLog /var/log/otherurl.com/access.log common
</VirtualHost>

<VirtualHost *:80>
    ServerName example.com
    ServerAlias ex1.com ex2.com
    DocumentRoot /var/www/domains/example.com/html
```

```
ErrorLog /var/log/example.com/error.log
CustomLog /var/log/example.com/access.log common
</VirtualHost>
```

IP80。 ex1.comvhosttotherurl.comexample3.com。 “”。

3vhostApache2.4

```
<Macro VHost $port $host>
  <VirtualHost *: $port>
    Servername $host
    DocumentRoot /srv/www/htdocs/$host
    ErrorLog /var/log/$host/error.log
  </VirtualHost>
</Macro>

Use VHost 80 example.com
Use VHost 443 secure_example.com
```

vhost80443。

HTTPS

“ ”URL。

```
<VirtualHost *:80>
  ServerName example.com
  SSLProxyEngine on
  Redirect permanent / https://secure_example.com/
</VirtualHost>
```

ssl443。

```
<VirtualHost _default_:443>
  ServerName secure_example.com
  ServerAdmin webmaster@example.com
  DocumentRoot /var/www/domains/secure_example.com/html
  ErrorLog /var/log/secure_example.com/error.log
  CustomLog /var/log/secure_example.com/access.log common
  SSLEngine On
  ...
</VirtualHost>
```

Apache <https://riptutorial.com/zh-CN/apache/topic/4856/apache>

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