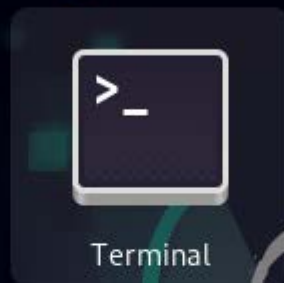




debian

Terminal



debian

sarah@debian: ~ 🔍 ☰ ✕

sarah@debian:~\$



sarah@debian: /



sarah@debian:/\$ su root

Password:

root@debian:/# █



sarah@debian: ~



```
sarah@debian:~$ su root
```

```
Password:
```

```
root@debian:/home/sarah# sudo apt-get update
```

```
Hit:1 http://security.debian.org/debian-security bullseye-security InRelease
```

```
Hit:2 http://deb.debian.org/debian bullseye InRelease
```

```
Hit:3 http://deb.debian.org/debian bullseye-updates InRelease
```

```
Reading package lists... Done
```

```
root@debian:/home/sarah#
```



sarah@debian: ~



```
root@debian:/home/sarah# apt-get install apache2 apache2-doc
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-data apache2-utils
Suggested packages:
  apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-data apache2-doc apache2-utils
0 upgraded, 4 newly installed, 0 to remove and 0 not upgraded.
Need to get 4,759 kB of archives.
After this operation, 27.8 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://deb.debian.org/debian bullseye/main amd64 apache2-data all 2.4.54-1~deb11u1 [160 kB]
Get:2 http://deb.debian.org/debian bullseye/main amd64 apache2-utils amd64 2.4.54-1~deb11u1 [260 kB]
Get:3 http://deb.debian.org/debian bullseye/main amd64 apache2 amd64 2.4.54-1~deb11u1 [275 kB]
Get:4 http://deb.debian.org/debian bullseye/main amd64 apache2-doc all 2.4.54-1~deb11u1 [4,064 kB]
Fetched 4,759 kB in 0s (15.9 MB/s)
Selecting previously unselected package apache2-data.
```

```
Enabling module dir.
Enabling module autoindex.
Enabling module env.
Enabling module mime.
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
info: Executing deferred 'a2enconf apache2-doc' for package apache2-doc
Enabling conf apache2-doc.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /l
ib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.
service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for man-db (2.9.4-2) ...
root@debian:/home/sarah#
```



 Type to search

sarah@debian: ~



```
Enabling module dir.
Enabling module autoindex.
Enabling module env.
Enabling module mime.
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
info: Executing deferred 'a2enconf apache2-doc' for package apache2-doc
Enabling conf apache2-doc.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for man-db (2.9.4-2) ...
root@debian:/home/sarah#
```



New Tab

← → ↻

🔍 localhost/

🌐 localhost — Visit

Import bookmark

Open previous History.

Show me how

This time, search with:

🔍 📄 ⌚



Firefox

🔍 Search the web





debian

# Apache2 Debian Default Page

## It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Debian systems. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

## Configuration Overview

Debian's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Debian tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Debian systems is as follows:

```
/etc/apache2/  
|-- apache2.conf  
|  
|-- ports.conf
```



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```
root@debian:/home/sarah# sudo service apache2 status
```

```
● apache2.service - The Apache HTTP Server
```

```
Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese>
```

```
Active: active (running) since Sat 2023-01-14 14:39:39 EST; 18min ago
```

```
Docs: https://httpd.apache.org/docs/2.4/
```

```
Main PID: 2784 (apache2)
```

```
Tasks: 55 (limit: 1114)
```

```
Memory: 5.5M
```

```
CPU: 106ms
```

```
CGroup: /system.slice/apache2.service
```

```
└─2784 /usr/sbin/apache2 -k start
```

```
└─2786 /usr/sbin/apache2 -k start
```

```
└─2787 /usr/sbin/apache2 -k start
```

```
Jan 14 14:39:39 debian systemd[1]: Starting The Apache HTTP Server...
```

```
Jan 14 14:39:39 debian apachectl[2783]: AH00558: apache2: Could not reliably de>
```

```
Jan 14 14:39:39 debian systemd[1]: Started The Apache HTTP Server.
```

```
lines 1-16/16 (END)
```



sarah@debian: ~



```
root@debian:/# sudo mkdir /var/www/sarahfergusonpoirier.info
root@debian:/# █
```



sarah@debian: ~



```
root@debian:/# sudo mkdir /var/www/sarahfergusonpoirier.info
```

```
root@debian:/# sudo chown -R $sarah:$sarah /var/www/sarahfergusonpoirier.info
```



sarah@debian: ~



```
root@debian:/# sudo chmod -R 755 /var/www
```



sarah@debian: ~



```
root@debian:/# nano /var/www/sarahfergusonpoirier.info/index.html
```

```
root@debian:/# █
```





sarah@debian: ~



```
root@debian:/# nano /var/www/sarahfergusonpoirier.info/index.html
root@debian:/# sudo cp /etc/apache2/sites-available/000-default.conf /etc/apache
2/sites-available/sarahfergusonpoirier.info.conf
```



sarah@debian: ~



```
root@debian:/# sudo nano /etc/apache2/sites-available/sarahfergusonpoirier.info.conf
```



sarah@debian: ~

`/etc/apache2/sites-available/sarahfergusonpoirier.info.conf *``<VirtualHost *:80>`

```
# The ServerName directive sets the request scheme, hostname and port that
# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.
#ServerName www.example.com
```

```
ServerAdmin webmaster@sarahfergusonpoirier.info
ServerName sarahfergusonpoirier.info
ServerAlias www.sarahfergusonpoirier.info
DocumentRoot /var/www/sarahfergusonpoirier.info
```

```
# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn
```

`^G Help``^O Write Out``^W Where Is``^K Cut``^T Execute``^C Location``^X Exit``^R Read File``^N Replace``^U Paste``^J Justify``^_ Go To Line`



sarah@debian: ~



```
root@debian:/# sudo a2ensite sarahfergusonpoirier.info.conf
```



sarah@debian: ~



```
root@debian:/# sudo a2ensite sarahfergusonpoirier.info.conf
```

```
Enabling site sarahfergusonpoirier.info.
```

```
To activate the new configuration, you need to run:
```

```
    systemctl reload apache2
```

```
root@debian:/# █
```



sarah@debian: ~



```
root@debian:/# sudo a2ensite sarahfergusonpoirier.info.conf
```

```
Enabling site sarahfergusonpoirier.info.
```

```
To activate the new configuration, you need to run:
```

```
systemctl reload apache2
```

```
root@debian:/# systemctl reload apache2
```

```
root@debian:/# █
```



sarah@debian: ~



```
root@debian:/# sudo service apache2 restart
```

```
root@debian:/# █
```





sarah@debian: ~



```
root@debian:/# hostname -I  
10.0.2.15  
root@debian:/#
```



sarah@debian: ~



```
root@debian:/# hostname -I  
10.0.2.15  
root@debian:/# sudo nano /etc/hosts
```



sarah@debian: ~



GNU nano 5.4

/etc/hosts

```
127.0.0.1    localhost
127.0.1.1    debian
10.0.2.15    sarahfergusonpoirier.info
10.0.2.15    www.sarahfergusonpoirier.info
```

# The following lines are desirable for IPv6 capable hosts

```
::1        localhost ip6-localhost ip6-loopback
ff02::1    ip6-allnodes
ff02::2    ip6-allrouters
```

[ Read 9 lines ]

^G Help

^O Write Out

^W Where Is

^K Cut

^T Execute

^C Location

^X Exit

^R Read File

^\_ Replace

^U Paste

^J Justify

^\_ Go To Line

🔍 sarahfergusonpoirier.info/ →

🌐 sarahfergusonpoirier.info — Visit

Firefox Suggest

🌐 www.sarahfergusonpoirier.info — <http://www.sarahfergusonpoirier.info>

🌐 file:///home/sarah/Desktop/portfolio/ — <file:///home/sarah/Desktop/portfolio/>

This time, search with:

🔍 📄 ⌚



Amazon  
Sponsored



Expedia  
Sponsored



sarahfergus...



localhost



test

test