

## Installing php in opensuse

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-1478 /usr/sbin/httpd-prefork -DSYSCONFIG -C "PidFile /run/httpd.pid" -C "Include /etc/apache2/sysconfig.d//loadmodule.d
-1479 /usr/sbin/httpd-prefork -DSYSCONFIG -C "PidFile /run/httpd.pid" -C "Include /etc/apache2/sysconfig.d//loadmodule.d
-1480 /usr/sbin/httpd-prefork -DSYSCONFIG -C "PidFile /run/httpd.pid" -C "Include /etc/apache2/sysconfig.d//loadmodule.d
-1481 /usr/sbin/httpd-prefork -DSYSCONFIG -C "PidFile /run/httpd.pid" -C "Include /etc/apache2/sysconfig.d//loadmodule.d

Nov 26 18:43:36 newhost systemd[1]: Starting The Apache Webserver...
Nov 26 18:43:36 newhost start_apache2[14191]: AH00557: httpd-prefork: apr_sockaddr_info_get() failed for newhost
Nov 26 18:43:36 newhost start_apache2[14191]: AH00558: httpd-prefork: Could not reliably determine the server's fully qualified domain
Nov 26 18:43:36 newhost systemd[1]: Started The Apache Webserver.

newhost:~ #
newhost:~ #
newhost:~ # php -v
If 'php' is not a typo you can use command-not-found to lookup the package that contains it, like this:
cnf php
newhost:~ # sudo apt update
sudo: apt: command not found
newhost:~ # apt update
If 'apt' is not a typo you can use command-not-found to lookup the package that contains it, like this:
cnf apt
newhost:~ # zypper install php php7 php7-mysql php4-cli php7-cgi php7-opcache php7-gd
Retrieving repository 'Update repository of openSUSE Backports' metadata .....
Building repository 'Update repository of openSUSE Backports' cache .....
Retrieving repository 'Update repository with updates from SUSE Linux Enterprise 15' metadata .....
Building repository 'Update repository with updates from SUSE Linux Enterprise 15' cache .....
Retrieving repository 'Main Update Repository' metadata .....
Retrieving repository 'Main Update Repository' metadata .....
Building repository 'Main Update Repository' cache .....
Loading repository data...
Reading installed packages...
Package 'php7-cgi' not found.
'php' not found in package names. Trying capabilities.
'php4-cli' not found in package names. Trying capabilities.
No provider of 'php4-cli' found.
Resolving package dependencies...

The following 9 recommended packages were automatically selected:
  php7-ctype php7-dom php7-iconv php7-json php7-openssl php7-sqlite php7-tokenizer php7-xmlreader php7-xmlwriter

The following 2 packages are suggested, but will not be installed:
  php7-gettext php7-mbstring

The following 15 NEW packages are going to be installed:
  php7 php7-cli php7-ctype php7-dom php7-gd php7-iconv php7-json php7-mysql php7-opcache php7-openssl php7-pdo php7-sqlite php7-token
  php7-xmlwriter

15 new packages to install.
Overall download size: 2.7 MiB. Already cached: 0 B. After the operation, additional 12.3 MiB will be used.

Backend: classic_rpmtrans
```

```
php7 php7-cli php7-ctype php7-dom php7-gd php7-iconv php7-json php7-mysql php7-opcache php7-openssl php7-pdo php7-sqlite php7-tokenizer php7-xmlreader
php7-xmlwriter

15 new packages to install.
Overall download size: 2.7 MiB. Already cached: 0 B. After the operation, additional 12.3 MiB will be used.

Backend: classic_rpmtrans
Continue? [y/n/v/...? shows all options] (y): y
: Invalid answer 'y'.
[y/n/v/...? shows all options] (y): y
Retrieving: php7-cli-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (1/15), 1.5 MiB
Retrieving: php7-cli-7.4.33-150400.4.40.1.x86_64.rpm .....[done (770.1 KiB/s)
Retrieving: php7-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (2/15), 114.3 KiB
Retrieving: php7-7.4.33-150400.4.40.1.x86_64.rpm .....[done
Retrieving: php7-dom-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (3/15), 95.0 KiB
Retrieving: php7-dom-7.4.33-150400.4.40.1.x86_64.rpm .....[done (25.0 KiB/s)
Retrieving: php7-openssl-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (4/15), 102.9 KiB
Retrieving: php7-openssl-7.4.33-150400.4.40.1.x86_64.rpm .....[done (350.3 KiB/s)
Retrieving: php7-ctype-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (5/15), 49.7 KiB
Retrieving: php7-ctype-7.4.33-150400.4.40.1.x86_64.rpm .....[done (23.6 KiB/s)
Retrieving: php7-iconv-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (6/15), 63.4 KiB
Retrieving: php7-iconv-7.4.33-150400.4.40.1.x86_64.rpm .....[done (33.7 KiB/s)
Retrieving: php7-json-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (7/15), 66.1 KiB
Retrieving: php7-json-7.4.33-150400.4.40.1.x86_64.rpm .....[done (24.2 KiB/s)
Retrieving: php7-pdo-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (8/15), 88.9 KiB
Retrieving: php7-pdo-7.4.33-150400.4.40.1.x86_64.rpm .....[done (20.3 KiB/s)
Retrieving: php7-sqlite-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (9/15), 72.5 KiB
Retrieving: php7-sqlite-7.4.33-150400.4.40.1.x86_64.rpm .....[done (20.3 KiB/s)
Retrieving: php7-tokenizer-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (10/15), 53.0 KiB
Retrieving: php7-tokenizer-7.4.33-150400.4.40.1.x86_64.rpm .....[done (20.3 KiB/s)
Retrieving: php7-xmlreader-7.4.33-150400.4.40.1.x86_64 (Update repository with updates from SUSE Linux Enterprise 15) (11/15), 56.9 KiB
Retrieving: php7-xmlreader-7.4.33-150400.4.40.1.x86_64.rpm .....[done
```

```
Installation has completed with error.
newhost:~ # php -v
PHP 7.4.33 (cli) (built: Oct 11 2024 12:00:00) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
with Zend OPcache v7.4.33, Copyright (c), by Zend Technologies
newhost:~ #
```

```

$servername = "localhost";
$username = "railley@newhost";
$password = "railley";
$dbname = "sampledb";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error)
{
    echo("Connection Failed:".$conn->connect_error);
}

echo "Table Details";

$sql="select * from Users";
$result = $conn->query($sql);

if ($result->num_rows>0)
{
    while($row = $result->fetch_assoc())
    {
        echo "UserID: ".$row['UserID'].
    }
}
else
{
    echo "no results";
}

$conn->close();

?>
```

```
1481 /usr/sbin/httpd-prefork -DSYSCONFIG -C "PidFile /run/httpd.pid" -C "Include /etc/apache2/sysconfig.d/loadmodule.conf" -C "Include /etc/ap
Nov 26 18:43:36 neuhost systemd[1]: Starting The Apache Webserver...
Nov 26 18:43:36 neuhost start_apache2[14191]: AH00557: httpd-prefork: apr_sockaddr_info_get() failed for neuhost
Nov 26 18:43:36 neuhost start_apache2[14191]: AH00558: httpd-prefork: Could not reliably determine the server's fully qualified domain name, using 127.0.0.1. See
Nov 26 18:43:36 neuhost systemd[1]: Started The Apache Webserver.
railley@neuhost:~$
railley@neuhost:~$ cd /srv/www/htdocs
railley@neuhost:/srv/www/htdocs$ ls -l
total 8
-rw-r--r-- 1 root root 503 Nov 26 19:23 generate_table.php
-rw-r--r-- 1 root root 125 Oct 17 00:11 index.html
railley@neuhost:/srv/www/htdocs$ cd
railley@neuhost:~$ sudo a2enmod php
railley@neuhost:~$ sudo systemctl restart apache2
railley@neuhost:~$ sudo zypper install php-fpm
Retrieving repository 'Update repository of openSUSE Backports' metadata .....[down
Building repository 'Update repository of openSUSE Backports' cache .....[down
Retrieving repository 'Update repository with updates from SUSE Linux Enterprise 15' metadata .....[down
Building repository 'Update repository with updates from SUSE Linux Enterprise 15' cache .....[down
Loading repository data...
Reading installed packages...
'php-fpm' not found in package names. Trying capabilities.
Resolving package dependencies...

The following package is suggested, but will not be installed:
  systemd-sysucompat

The following NEW package is going to be installed:
  php7-fpm

1 new package to install.
Overall download size: 1.5 MiB. Already cached: 0 B. After the operation, additional 10.1 MiB will be used.

Backend: classic_rpmtrans
Continue? [y/n/w...? shows all options] (y): _
```