

How to downgrade PHP 7.4 to 7.1 in Centos ?

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Downgrade PHP version 7.4 to 7.1 in Centos

Overview: This article helps Linux user to downgrade PHP from higher version(7.4) to lower version(7.1) on CentOS.

Additionally, these steps can be used to downgrade PHP to various versions on CentOS, including 7.4 to 7.3, 7.3 to 7.2, 7.2 to 7.1, and 7.2 to 7.0. Since some projects may not be compatible with the latest PHP versions, downgrading to an older version is sometimes necessary.

Follow the steps below to downgrade PHP from version 7.4 to 7.1 on CentOS.

Step 1: Before starting, check the version of PHP you are using.

```
[root@localhost ~]# php -v
PHP 7.4.33 (cli) (built: Dec 19 2022 13:32:43) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
```

```
[root@localhost ~]# php -v
PHP 7.4.33 (cli) (built: Dec 19 2022 13:32:43) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
```

Step 2: Remove the existing PHP 7.4 installation:

```
[root@localhost ~]# yum remove "php-*" -y
```

```
[root@localhost ~]# yum remove "php-*" -y
Failed to set locale, defaulting to C
Loaded plugins: fastestmirror
Resolving Dependencies
--> Running transaction check
---> Package php.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-cli.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-common.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-gd.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-json.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-mbstring.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-mysqlnd.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-pdo.x86_64 0:7.4.33-2.el7.remi will be erased
---> Package php-pecl-mcrypt.x86_64 0:1.0.5-1.el7.remi.7.4 will be erased
---> Package php-sodium.x86_64 0:7.4.33-2.el7.remi will be erased
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch             Version          Repository
=====
Removing:
php                    x86_64          7.4.33-2.el7.remi @remi-php74
php-cli                x86_64          7.4.33-2.el7.remi @remi-php74
php-common             x86_64          7.4.33-2.el7.remi @remi-php74
php-gd                 x86_64          7.4.33-2.el7.remi @remi-php74
php-json              x86_64          7.4.33-2.el7.remi @remi-php74
```

Step 3: Disable the PHP 7.4 repository, enable the PHP 7.1 repository, and install PHP 7.1 along with required modules:

```
[root@localhost ~]# yum --disablerepo=remi-php74 --enablerepo=remi-php71 install php php-gd php-mbstring php-mysql php-curl php-mcrypt
```

```
[root@localhost ~]# yum --disablerepo=remi-php74 --enablerepo=remi-php71 install php php-gd php-mbstring php-mysql php-curl php-mcrypt
Failed to set locale, defaulting to C
Loaded plugins: fastestmirror
Determining fastest mirrors
epel/x86_64/metalink | 6.7 kB 00:00:00
 * base: mirrors.nxtgen.com
 * epel: mirror2.totbb.net
 * extras: mirrors.nhanhoa.com
 * remi-php71: mirrors.thzhost.com
 * remi-safe: mirrors.thzhost.com
 * updates: mirrors.nhanhoa.com
base | 3.6 kB 00:00:00
epel | 4.7 kB 00:00:00
extras | 2.9 kB 00:00:00
remi-php71 | 3.0 kB 00:00:00
remi-safe | 3.0 kB 00:00:00
updates | 2.9 kB 00:00:00
(1/2): epel/x86_64/primary_db | 7.0 MB 00:01:23
(2/2): epel/x86_64/updateinfo | 1.0 MB 00:01:25
Package php-mysql is obsoleted by php-mysqlnd, trying to install php-mysqlnd-7.1.33-23.el7.remi.x86_64 instead
Resolving Dependencies
--> Running transaction check
--> Package php.x86_64 0:7.1.33-23.el7.remi will be installed
```

Step 4: Verify the PHP version after the downgrade:

```
[root@localhost ~]# php -v
PHP 7.1.33 (cli) (built: Dec 20 2022 07:49:28) ( NTS )
Copyright (c) 1997-2018 The PHP Group
Zend Engine v3.1.0, Copyright (c) 1998-2018 Zend Technologies
```

```
[root@localhost ~]# php -v
PHP 7.1.33 (cli) (built: Dec 20 2022 07:49:28) ( NTS )
Copyright (c) 1997-2018 The PHP Group
Zend Engine v3.1.0, Copyright (c) 1998-2018 Zend Technologies
[root@localhost ~]#
```

Step 5: After downgrading PHP in Ezeelogin, ensure that the [Ioncube Loader](#) version is also updated accordingly.

[How do I install ioncube on the server?](#)

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[PHP function 'exec' is not available.](#)

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