

Dictu\_labs\_appstream

Red Hat Enterprise Linux 8 comes with a new feature called Application Streams (AppStreams), in which multiple versions of packages are provided, with a known period of support. These modules can be thought of as package groups that represent an application, a set of tools, or runtime languages.

You can list all modules in the app repository

```
[root@centos-47 ~]# yum module list
```

List all versions of a single module

```
[root@centos-47 ~]# yum module info php
```

```
Last metadata expiration check: 1:32:13 ago on Sat 05 Jun 2021  
12:44:08 PM CEST.
```

```
Name           : php  
Stream          : 7.2 [d][a]  
Version         : 8020020200507003613  
Context         : 2c7ca891  
Architecture    : x86_64  
Profiles        : common [d], devel, minimal
```

(snipped)

List only the versions of a single module

```
[root@centos-47 ~]# yum module info php|grep -i stream
```

```
Stream       : 7.2 [d][a]  
Repo          : appstream  
Stream       : 7.3  
Repo          : appstream  
Stream       : 7.4  
Repo          : appstream
```

Install a specific version of php using the following format:

**@module:version/profile**

```
[root@centos-47 ~]# yum install @php:7.2/devel
```

```
[root@centos-47 ~]# yum module reset php
```

Disabling module profiles:

```
php/devel
```

Resetting modules:

```
php
```

## Install a later version of php and removing the older version

```
[root@centos-47 ~]# yum install @php:7.3/minimal
```