

Expertise in using YUM and DNF package managers for software installation, updates, and dependency resolution.

```
[base]
name=baseos
baseUrl=file:///run/media/root/RHEL-9-3-0-BaseOS-x86_64/BaseOS
gpgcheck=0

[app]
name=Appstream
baseUrl=file:///run/media/root/RHEL-9-3-0-BaseOS-x86_64/AppStream
gpgcheck=0

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"/etc/yum.repos.d/ibm.repo" 11L, 194B                                     9,62      All
```

```
Sep 19 15:47
root@localhost: /usr/bin/python3.9 /usr/bin/dnf install java

baseos                                                     197 kB/s | 2.7 kB   00:00
Appstream                                                  106 kB/s | 3.2 kB   00:00
Dependencies resolved.
=====
Package                        Architecture        Version             Repository          Size
=====
Installing:
java-11-openjdk                x86_64               1:11.0.20.0.8-3.el9 app                  441 k
Installing dependencies:
copy-jdk-configs               noarch               4.0-3.el9           app                   29 k
java-11-openjdk-headless       x86_64               1:11.0.20.0.8-3.el9 app                 40 M
javapackages-filesystem        noarch               6.0.0-4.el9         app                    17 k
lksctp-tools                   x86_64              1.0.19-2.el9        base                   98 k
lua                             x86_64               5.4.4-4.el9         app                  192 k
lua-posix                      x86_64               35.0-8.el9          app                  155 k
mkfontscale                    x86_64               1.2.1-3.el9         app                   34 k
ttmkfdir                       x86_64               3.0.9-65.el9        app                   55 k
tzdata-java                    noarch               2023c-1.el9         app                  234 k
xorg-x11-fonts-Type1            noarch               7.5-33.el9          app                  509 k

Transaction Summary
=====
Install 11 Packages

Total size: 41 M
Installed size: 181 M
Is this ok [y/N]: 
```

```

root@localhost: /usr/bin/python3.9 /usr/bin/dnf remove php
Removing unused dependencies:
apr x86_64 1.7.0-11.el9 @app 289 k
apr-util x86_64 1.6.1-23.el9 @app 211 k
apr-util-bdb x86_64 1.6.1-23.el9 @app 15 k
apr-util-openssl x86_64 1.6.1-23.el9 @app 23 k
httpd x86_64 2.4.57-5.el9 @app 59 k
httpd-core x86_64 2.4.57-5.el9 @app 4.6 M
httpd-filesystem noarch 2.4.57-5.el9 @app 400
httpd-tools x86_64 2.4.57-5.el9 @app 198 k
mod_http2 x86_64 1.15.19-5.el9 @app 385 k
mod_lua x86_64 2.4.57-5.el9 @app 142 k
nginx-filesystem noarch 1:1.20.1-14.el9_2.1 @app 0
php-cli x86_64 8.0.27-1.el9_1 @app 16 M
php-common x86_64 8.0.27-1.el9_1 @app 7.8 M
php-fpm x86_64 8.0.27-1.el9_1 @app 8.2 M
php-mbstring x86_64 8.0.27-1.el9_1 @app 1.0 M
php-opcache x86_64 8.0.27-1.el9_1 @app 1.3 M
php-pdo x86_64 8.0.27-1.el9_1 @app 229 k
php-xml x86_64 8.0.27-1.el9_1 @app 415 k
redhat-logos-httpd noarch 90.4-2.el9 @app 12 k

Transaction Summary
=====
Remove 20 Packages

Freed space: 41 M
Is this ok [y/N]:

```