

Experiment 1

Aim: Installation of Jenkins and execution of basic job

```
agupta@localhost:~  
File Edit View Search Terminal Help  
[agupta@localhost ~]$ java -version  
openjdk version "1.8.0_201"  
OpenJDK Runtime Environment (build 1.8.0_201-b09)  
OpenJDK 64-Bit Server VM (build 25.201-b09, mixed mode)  
[agupta@localhost ~]$ sudo echo "hello"  
[sudo] password for agupta:  
hello  
[agupta@localhost ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jen  
kins.io/redhat/jenkins.repo  
--2020-08-11 10:52:21-- https://pkg.jenkins.io/redhat/jenkins.repo  
Resolving pkg.jenkins.io (pkg.jenkins.io)... 2a04:4e42:24::645, 151.101.154.133  
Connecting to pkg.jenkins.io (pkg.jenkins.io)|2a04:4e42:24::645|:443... connecte  
d.  
HTTP request sent, awaiting response... 200 OK  
Length: 71  
Saving to: '/etc/yum.repos.d/jenkins.repo'  
  
/etc/yum.repos.d/jenkins.repo 100%[=====] 71 --.-KB/s in 0s  
  
2020-08-11 10:52:22 (2.81 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [71/71]  
  
[agupta@localhost ~]$ sudo rpm --import https://pkg.jenkins.io/redhat/jenkins.  
io.key  
[agupta@localhost ~]$ sudo dnf install jenkins
```

```
agupta@localhost:~  
File Edit View Search Terminal Help  
Extra Packages for Enterprise Linux Modular 8 - 5.4 kB/s | 9.1 kB 00:01  
Extra Packages for Enterprise Linux 8 - x86_64 5.9 kB/s | 9.4 kB 00:01  
Extra Packages for Enterprise Linux 8 - x86_64 217 kB/s | 7.5 MB 00:35  
Jenkins 22 kB/s | 84 kB 00:03  
RPM Fusion for EL 8 - Free - Updates 257 B/s | 3.7 kB 00:14  
RPM Fusion for EL 8 - Free - Updates 15 kB/s | 262 kB 00:18  
RPM Fusion for EL 7 - Nonfree - Updates 561 B/s | 3.7 kB 00:06  
RPM Fusion for EL 7 - Nonfree - Updates 930 B/s | 59 kB 01:05  
Dependencies resolved.  
=====
```

Package	Arch	Version	Repository	Size
Installing:				
jenkins	noarch	2.251-1.1	jenkins	64 M

```
Transaction Summary  
=====
```

Install 1 Package			
Total download size: 64 M			
Installed size: 64 M			
Is this ok [y/N]: y			
Downloading Packages:			
jenkins-2.251-1.1.no	37%	[=====] 565 kB/s 24 MB 01:12 ETA

```
agupta@localhost:~  
File Edit View Search Terminal Help  
Total download size: 64 M  
Installed size: 64 M  
Is this ok [y/N]: y  
Downloading Packages:  
jenkins-2.251-1.1.noarch.rpm          328 kB/s | 64 MB      03:19  
-----  
Total                                328 kB/s | 64 MB      03:19  
Running transaction check  
Transaction check succeeded.  
Running transaction test  
Transaction test succeeded.  
Running transaction  
  Preparing      :                                1/1  
  Running scriptlet: jenkins-2.251-1.1.noarch    1/1  
  Installing      : jenkins-2.251-1.1.noarch    1/1  
  Running scriptlet: jenkins-2.251-1.1.noarch    1/1  
  Verifying       : jenkins-2.251-1.1.noarch    1/1  
Installed products updated.  
  
Installed:  
jenkins-2.251-1.1.noarch  
  
Complete!  
[agupta@localhost ~]$
```

