

Build a Java and MySQL App on VMs and Containers in Azure

```
SSH using Azure CLI - Microsoft
portal.azure.com/#@anushabharath954gmail.onmicrosoft.com/resource/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourcegroups/anushaapp_group/providers/Microsoft...
Microsoft Azure
Search resources, services, and docs (G+)
Copilot
anushabharath954@gm...
Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help
Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell

Your Cloud Shell session will be ephemeral so no files or system changes will persist beyond your current session.
anusha [ ~ ]$ az ssh vm --resource-group anushaapp_group --vm-name anushaapp --subscription 0c539204-2db3-4212-a64d-597fa19224d2
OpenSSH_8.9p1, OpenSSL 1.1.1k FIPS 25 Mar 2021
The authenticity of host '20.11.67.137 (20.11.67.137)' can't be established.
ED25519 key fingerprint is SHA256:h6dKAuHZKEzhT/x8riJlKgzi9PB4IhU9YWyc7ejbBg.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '20.11.67.137' (ED25519) to the list of known hosts.
Connection closed by 20.11.67.137 port 22
anusha [ ~ ]$ az group create --name myResourceGroup --location "North Europe"
the following arguments are required: --name/--resource-group/-n/-g, --location/-l

Examples from AI knowledge base:
az group create --location westus --resource-group MyResourceGroup
Create a new resource group in the West US region.

az group create --location westeurope --resource-group MyResourceGroup --tags {tags}
Create a new resource group. (autogenerated)

az group list --query "[?location=='westus']"
```

```
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portal.azure.com/#@anushabharath954gmail.onmicrosoft.com/resource/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourcegroups/anushaapp_group/providers/Microsoft...
Microsoft Azure
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Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help
az group list --query "[?location=='westus']"
List all resource groups located in the West US region.

https://docs.microsoft.com/en-US/cli/azure/group#az_group_create
Read more about the command in reference docs
anusha [ ~ ]$ az group create --name myResourceGroup --location westus
the following arguments are required: --name/--resource-group/-n/-g, --location/-l

Examples from AI knowledge base:
az group create --location westus --resource-group MyResourceGroup
Create a new resource group in the West US region.

az group create --location westeurope --resource-group MyResourceGroup --tags {tags}
Create a new resource group. (autogenerated)

az group list --query "[?location=='westus']"
List all resource groups located in the West US region.

https://docs.microsoft.com/en-US/cli/azure/group#az_group_create
Read more about the command in reference docs
anusha [ ~ ]$ az group create --name myResourceGroup --location westus
{
  "id": "/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourceGroups/myResourceGroup",
  "location": "westus",
  "managedBy": null,
  "name": "myResourceGroup",
  "properties": {
    "provisioningState": "Succeeded"
  }
}
```

```
SSH using Azure CLI - Microsoft
portal.azure.com/#@anushabharath954gmail.onmicrosoft.com/resource/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourcegroups/anushaapp_group/providers/Microsoft...
Microsoft Azure
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DEFAULT DIRECTORY (ANUSHAB...)

Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help

},
"tags": null,
"type": "Microsoft.Resources/resourceGroups"
}
anusha [ ~ ]$ az mysql flexible-server create \
--name mysqlserver1 \
--resource-group myResourceGroup \
--location westus \
--admin-user asmit9 \
--admin-password 'P@ssword' \
--tier Burstable \
--sku-name Standard_B2s \
--version 8.0.21
Checking the existence of the resource group 'myResourceGroup'...
Resource group 'myResourceGroup' exists ? : True
Specified server name is already used.
anusha [ ~ ]$ az mysql flexible-server create \
--name mysqlserver \
--resource-group myResourceGroup \
--location westus \
--admin-user asmit9 \
--admin-password 'P@ssword' \
--tier Burstable \
--sku-name Standard_B2s \
--version 8.0.21
Checking the existence of the resource group 'myResourceGroup'...
Resource group 'myResourceGroup' exists ? : True
Specified server name is already used.
```

```
SSH using Azure CLI - Microsoft
portal.azure.com/#@anushabharath954gmail.onmicrosoft.com/resource/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourcegroups/anushaapp_group/providers/Microsoft...
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Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help

anusha [ ~ ]$ az mysql flexible-server create \
--name mysqlserver1 \
--resource-group myResourceGroup \
--location westus \
--admin-user asmit9 \
--admin-password 'P@ssword' \
--tier Burstable \
--sku-name Standard_B2s \
--version 8.0.21
Checking the existence of the resource group 'myResourceGroup'...
Resource group 'myResourceGroup' exists ? : True
Detected current client IP : 4.187.150.23
Do you want to enable access to client 4.187.150.23 (y/n) (y/n): y
IOPS is 396 which is either your input or free(maximum) IOPS supported for your storage size and SKU.
Creating MySQL Server 'mysqlserver1' in group 'myResourceGroup'...
Your server 'mysqlserver1' is using sku 'Standard_B2s' (Paid Tier). Please refer to https://aka.ms/mysql-pricing for pricing details
Resource provider 'Microsoft.DBforMySQL' used by this operation is not registered. We are registering for you.
Registration succeeded.
Configuring server firewall rule to accept connections from '4.187.150.23'...
Creating MySQL database 'flexibleserverdb'...
Make a note of your password. If you forget, you would have to reset your password with 'az mysql flexible-server update -n mysqlserver1 -g myResourceGroup -p <new-password>'.
Try using 'az mysql flexible-server connect' command to test out connection.
{
  "connectionString": "mysql flexibleserverdb --host mysqlserver1.mysql.database.azure.com --user asmit9 --password=P@ssword",
  "databaseName": "flexibleserverdb",
  "firewallName": "FirewallIPAddress_2024-8-23_7-59-30",
  "host": "mysqlserver1.mysql.database.azure.com",
}
```

```
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portal.azure.com/#@anushabharath954gmail.onmicrosoft.com/resource/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourcegroups/anushaapp_group/providers/Microsoft...
Microsoft Azure
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DEFAULT DIRECTORY (ANUSHAB...)

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{
  "databaseName": "flexibleserverdb",
  "firewallName": "FirewallIPAddress_2024-8-23_7-59-30",
  "host": "mysqldataserver1.mysql.database.azure.com",
  "id": "/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourceGroups/myResourceGroup/providers/Microsoft.DBforMySQL/flexibleServers/mysqldataserver1",
  "location": "West US",
  "password": "P@ssword",
  "resourceGroup": "myResourceGroup",
  "skuName": "Standard_B2s",
  "username": "asmit9",
  "version": "8.0.21"
}
anusha [ ~ ]$ az mysql flexible-server firewall-rule create \
--resource-group MyResourceGroup \
--name mysqldataserver1 \
--rule-name allIPs \
--start-ip-address 0.0.0.0 \
--end-ip-address 255.255.255.255
{
  "endIpAddress": "255.255.255.255",
  "id": "/subscriptions/0c539204-2db3-4212-a64d-597fa19224d2/resourceGroups/MyResourceGroup/providers/Microsoft.DBforMySQL/flexibleServers/mysqldataserver1/firewallRules/allIPs",
  "name": "allIPs",
  "resourceGroup": "MyResourceGroup",
  "startIpAddress": "0.0.0.0",
  "systemData": null,
  "type": "Microsoft.DBforMySQL/flexibleServers/firewallRules"
}
anusha [ ~ ]$
```

```
Putty (inactive)
root@anushaapp:~# apt install mysql-client-core-8.0
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  mysql-client-core-8.0
0 upgraded, 1 newly installed, 0 to remove and 64 not upgraded.
Need to get 2794 kB of archives.
After this operation, 61.6 MB of additional disk space will be used.
Get:1 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 mysql-client-core-8.0 amd64 8.0.39-0ubuntu0.24.04.2 [2794 kB]
Fetched 2794 kB in 1s (2547 kB/s)
Selecting previously unselected package mysql-client-core-8.0.
(Reading database ... 79994 files and directories currently installed.)
Preparing to unpack .../mysql-client-core-8.0_8.0.39-0ubuntu0.24.04.2_amd64.deb ...
Unpacking mysql-client-core-8.0 (8.0.39-0ubuntu0.24.04.2) ...
Setting up mysql-client-core-8.0 (8.0.39-0ubuntu0.24.04.2) ...
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@anushaapp:~# mysql -u anushaapp -h mysqldataserver1.mysql.database.azure.com -P 3306 -p
Enter password:
ERROR 1045 (28000): Access denied for user 'anushaapp'@'20.11.67.137' (using password: YES)
root@anushaapp:~# ^C
root@anushaapp:~# mysql -u anushaapp -h mysqldataserver1.mysql.database.azure.com -P 3306 -p
```

```
root@anushaapp: ~  
anusha954@anushaapp:~$ sudo su -  
root@anushaapp:~# mysql -u asmit9 -h mysqldataserver1.mysql.database.azure.com -P 3306 -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 47  
Server version: 8.0.37-azure Source distribution  
  
Copyright (c) 2000, 2024, Oracle and/or its affiliates.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> CREATE USER 'Javaapp_user' IDENTIFIED BY 'Javaapp_password'  
-> ^C  
mysql> CREATE USER 'Javaapp user' IDENTIFIED BY 'Javaapp_password';  
Query OK, 0 rows affected (0.15 sec)  
  
mysql> ls  
-> ^C  
mysql> exit  
Bye  
root@anushaapp:~# ls  
root@anushaapp:~#
```

```
root@anushaapp: ~  
root@anushaapp:~# cd  
root@anushaapp:~# cd spring-boot-todo/  
-bash: cd: spring-boot-todo/: No such file or directory  
root@anushaapp:~# cd src  
cd main  
cd resources  
nano application.propertiescd src  
cd main  
cd resources  
nano application.properties  
-bash: cd: src: No such file or directory  
-bash: cd: main: No such file or directory  
-bash: cd: resources: No such file or directory  
-bash: cd: main: No such file or directory  
-bash: cd: resources: No such file or directory  
root@anushaapp:~# apt install maven  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  libaopalliance-java libapache-pom-java  
  libatinject-jsr330-api-java libcdi-api-java  
  libcommons-cli-java libcommons-io-java libcommons-lang3-java  
  libcommons-parent-java liberror-prone-java  
  libgeronimo-annotation-1.3-spec-java  
  libgeronimo-interceptor-3.0-spec-java libguava-java  
  libguice-java libjansi-java libjsr305-java  
  libmaven-parent-java libmaven-resolver-java  
  libmaven-shared-utils-java libmaven3-core-java  
  libplexus-cipher-java libplexus-classworlds-java  
  libplexus-component-annotations-java  
  libplexus-interpolation-java libplexus-sec-dispatcher-java  
  libplexus-utils2-java libsisu-inject-java libsisu-plexus-java  
  libslf4j-java libwagon-file-java libwagon-http-shaded-java  
  libwagon-provider-api-java  
Suggested packages:  
  libatinject-jsr330-api-java-doc libel-api-java  
  libcommons-io-java-doc libasm-java libcglib-java  
  libjsr305-java-doc libmaven-shared-utils-java-doc
```

```
root@anushaapp: ~  
libjsr305-java-doc libmaven-shared-utils-java-doc  
liblogback-java libplexus-utils2-java-doc junit4 testng  
libcommons-logging-java liblog4j1.2-java  
The following NEW packages will be installed:  
libaopalliance-java libapache-pom-java  
libatinject-jsr330-api-java libcdi-api-java  
libcommons-cli-java libcommons-io-java libcommons-lang3-java  
libcommons-parent-java liberror-prone-java  
libgeronimo-annotation-1.3-spec-java  
libgeronimo-interceptor-3.0-spec-java libguava-java  
libguice-java libjansi-java libjsr305-java  
libmaven-parent-java libmaven-resolver-java  
libmaven-shared-utils-java libmaven3-core-java  
libplexus-cipher-java libplexus-classworlds-java  
libplexus-component-annotations-java  
libplexus-interpolation-java libplexus-sec-dispatcher-java  
libplexus-utils2-java libsisu-inject-java libsisu-plexus-java  
libslf4j-java libwagon-file-java libwagon-http-shaded-java  
libwagon-provider-api-java maven  
0 upgraded, 32 newly installed, 0 to remove and 64 not upgraded.  
Need to get 10.1 MB of archives.  
After this operation, 13.1 MB of additional disk space will be use  
d.  
Do you want to continue? [Y/n] y  
Get:1 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libapache-pom-java all 29-2 [5284 B]  
Get:2 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libatinject-jsr330-api-java all 1.0+ds1-5 [5348 B]  
Get:3 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libgeronimo-interceptor-3.0-spec-java all 1.0.1-4fakesync [8616 B]  
Get:4 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcdi-api-java all 1.2-3 [54.3 kB]  
Get:5 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcommons-cli-java all 1.6.0-1 [59.9 kB]  
Get:6 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcommons-parent-java all 56-1 [10.7 kB]  
Get:7 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcommons-io-java all 2.11.0-2 [297 kB]  
Get:8 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64
```

```
root@anushaapp: ~  
Get:6 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcommons-parent-java all 56-1 [10.7 kB]  
Get:7 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcommons-io-java all 2.11.0-2 [297 kB]  
Get:8 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libcommons-lang3-java all 3.14.0-1 [586 kB]  
Get:9 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64  
libjsr305-java all 0.1~+svn49-11 [27.0 kB]  
Get:10 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libguava-java all 32.0.1-1 [2692 kB]  
Get:11 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 liberror-prone-java all 2.18.0-1 [22.5 kB]  
Get:12 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libgeronimo-annotation-1.3-spec-java all 1.3-1 [11.2 kB]  
Get:13 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libaopalliance-java all 20070526-7 [8166 B]  
Get:14 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libguice-java all 4.2.3-2 [1434 kB]  
Get:15 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libjansi-java all 2.4.1-2 [83.0 kB]  
Get:16 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libmaven-parent-java all 35-1 [5810 B]  
Get:17 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-utils2-java all 3.4.2-1 [256 kB]  
Get:18 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libwagon-provider-api-java all 3.5.3-1 [47.9 kB]  
Get:19 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libmaven-resolver-java all 1.6.3-1 [544 kB]  
Get:20 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libmaven-shared-utils-java all 3.3.4-1 [137 kB]  
Get:21 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-cipher-java all 2.0-1 [14.7 kB]  
Get:22 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-classworlds-java all 2.7.0-1 [50.0 kB]  
Get:23 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-component-annotations-java all 2.1.1-1 [6550 B]  
Get:24 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-interpolation-java all 1.26-1 [76.8 kB]  
Get:25 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-sec-dispatcher-java all 2.0-3 [28.1 kB]  
Get:26 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libslf4j-java all 1.7.32-1 [141 kB]  
Get:27 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libsisu-inject-java all 0.3.4-2 [347 kB]  
Get:28 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libsisu-plexus-java all 0.3.4-3 [181 kB]  
Get:29 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libmaven3-core-java all 3.8.7-2 [1565 kB]  
Get:30 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libwagon-file-java all 3.5.3-1 [7918 B]  
Get:31 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 libwagon-http-shaded-java all 3.5.3-1 [1332 kB]  
Get:32 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 maven all 3.8.7-2 [18.3 kB]  
Fetched 10.1 MB in 11s (901 kB/s)  
Extracting templates from packages: 100%  
Selecting previously unselected package libapache-pom-java.  
(Reading database ... 80020 files and directories currently installed.)  
Preparing to unpack .../00-libapache-pom-java_29-2_all.deb ...  
Unpacking libapache-pom-java (29-2) ...  
Selecting previously unselected package libatinject-jsr330-api-java.  
Preparing to unpack .../01-libatinject-jsr330-api-java_1.0+ds1-5_all.deb ...
```

```
root@anushaapp: ~
Preparing to unpack .../01-libatinject-jsr330-api-java_1.0+ds1-5_all.deb ...
Unpacking libatinject-jsr330-api-java (1.0+ds1-5) ...
Selecting previously unselected package libgeronimo-interceptor-3.0-spec-java.
Preparing to unpack .../02-libgeronimo-interceptor-3.0-spec-java_1.0.1-4fakesync_all.deb ...
Unpacking libgeronimo-interceptor-3.0-spec-java (1.0.1-4fakesync) ...
Selecting previously unselected package libcdi-api-java.
Preparing to unpack .../03-libcdi-api-java_1.2-3_all.deb ...
Unpacking libcdi-api-java (1.2-3) ...
Selecting previously unselected package libcommons-cli-java.
Preparing to unpack .../04-libcommons-cli-java_1.6.0-1_all.deb ...
Unpacking libcommons-cli-java (1.6.0-1) ...
Selecting previously unselected package libcommons-parent-java.
Preparing to unpack .../05-libcommons-parent-java_56-1_all.deb ...
Unpacking libcommons-parent-java (56-1) ...
Selecting previously unselected package libcommons-io-java.
Preparing to unpack .../06-libcommons-io-java_2.11.0-2_all.deb ...
Unpacking libcommons-io-java (2.11.0-2) ...
Selecting previously unselected package libcommons-lang3-java.
Preparing to unpack .../07-libcommons-lang3-java_3.14.0-1_all.deb ...
Unpacking libcommons-lang3-java (3.14.0-1) ...
Selecting previously unselected package libjsr305-java.
Preparing to unpack .../08-libjsr305-java_0.1~+svn49-11_all.deb ...
Unpacking libjsr305-java (0.1~+svn49-11) ...
Selecting previously unselected package libguava-java.
Preparing to unpack .../09-libguava-java_32.0.1-1_all.deb ...
Unpacking libguava-java (32.0.1-1) ...
Selecting previously unselected package liberror-prone-java.
Preparing to unpack .../10-liberror-prone-java_2.18.0-1_all.deb ...
Unpacking liberror-prone-java (2.18.0-1) ...
Selecting previously unselected package libgeronimo-annotation-1.3-spec-java.
Preparing to unpack .../11-libgeronimo-annotation-1.3-spec-java_1.3-1_all.deb ...
Unpacking libgeronimo-annotation-1.3-spec-java (1.3-1) ...
Selecting previously unselected package libaopalliance-java.
Preparing to unpack .../12-libaopalliance-java_20070526-7_all.deb ...
Unpacking libaopalliance-java (20070526-7) ...
Selecting previously unselected package libguice-java.
Preparing to unpack .../13-libguice-java_4.2.3-2_all.deb ...
Unpacking libguice-java (4.2.3-2) ...
Selecting previously unselected package libjansi-java.
```

```
root@anushaapp: ~
Unpacking libguice-java (4.2.3-2) ...
Selecting previously unselected package libjansi-java.
Preparing to unpack .../14-libjansi-java_2.4.1-2_all.deb ...
Unpacking libjansi-java (2.4.1-2) ...
Selecting previously unselected package libmaven-parent-java.
Preparing to unpack .../15-libmaven-parent-java_35-1_all.deb ...
Unpacking libmaven-parent-java (35-1) ...
Selecting previously unselected package libplexus-utils2-java.
Preparing to unpack .../16-libplexus-utils2-java_3.4.2-1_all.deb ...
Unpacking libplexus-utils2-java (3.4.2-1) ...
Selecting previously unselected package libwagon-provider-api-java.
Preparing to unpack .../17-libwagon-provider-api-java_3.5.3-1_all.deb ...
Unpacking libwagon-provider-api-java (3.5.3-1) ...
Selecting previously unselected package libmaven-resolver-java.
Preparing to unpack .../18-libmaven-resolver-java_1.6.3-1_all.deb ...
Unpacking libmaven-resolver-java (1.6.3-1) ...
Selecting previously unselected package libmaven-shared-utils-java.
Preparing to unpack .../19-libmaven-shared-utils-java_3.3.4-1_all.deb ...
Unpacking libmaven-shared-utils-java (3.3.4-1) ...
Selecting previously unselected package libplexus-cipher-java.
Preparing to unpack .../20-libplexus-cipher-java_2.0-1_all.deb ...
Unpacking libplexus-cipher-java (2.0-1) ...
Selecting previously unselected package libplexus-classworlds-java.
Preparing to unpack .../21-libplexus-classworlds-java_2.7.0-1_all.deb ...
Unpacking libplexus-classworlds-java (2.7.0-1) ...
Selecting previously unselected package libplexus-component-annotations-java.
Preparing to unpack .../22-libplexus-component-annotations-java_2.1.1-1_all.deb ...
Unpacking libplexus-component-annotations-java (2.1.1-1) ...
Selecting previously unselected package libplexus-interpolation-java.
Preparing to unpack .../23-libplexus-interpolation-java_1.26-1_all.deb ...
Unpacking libplexus-interpolation-java (1.26-1) ...
Selecting previously unselected package libplexus-sec-dispatcher-java.
Preparing to unpack .../24-libplexus-sec-dispatcher-java_2.0-3_all.deb ...
Unpacking libplexus-sec-dispatcher-java (2.0-3) ...
Selecting previously unselected package libslf4j-java.
Preparing to unpack .../25-libslf4j-java_1.7.32-1_all.deb ...
Unpacking libslf4j-java (1.7.32-1) ...
Selecting previously unselected package libsisu-inject-java.
Preparing to unpack .../26-libsisu-inject-java_0.3.4-2_all.deb ...
```

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root@anushaapp: ~
Unpacking libsisu-inject-java (0.3.4-2) ...
Selecting previously unselected package libsisu-plexus-java.
Preparing to unpack .../27-libsisu-plexus-java_0.3.4-3_all.deb ...
Unpacking libsisu-plexus-java (0.3.4-3) ...
Selecting previously unselected package libmaven3-core-java.
Preparing to unpack .../28-libmaven3-core-java_3.8.7-2_all.deb ...
Unpacking libmaven3-core-java (3.8.7-2) ...
Selecting previously unselected package libwagon-file-java.
Preparing to unpack .../29-libwagon-file-java_3.5.3-1_all.deb ...
Unpacking libwagon-file-java (3.5.3-1) ...
Selecting previously unselected package libwagon-http-shaded-java.
Preparing to unpack .../30-libwagon-http-shaded-java_3.5.3-1_all.deb ...
Unpacking libwagon-http-shaded-java (3.5.3-1) ...
Selecting previously unselected package maven.
Preparing to unpack .../31-maven_3.8.7-2_all.deb ...
Unpacking maven (3.8.7-2) ...
Setting up libslf4j-java (1.7.32-1) ...
Setting up libplexus-utils2-java (3.4.2-1) ...
Setting up libplexus-classworlds-java (2.7.0-1) ...
Setting up libjxr305-java (0.1~+svn49-11) ...
Setting up libaopalliance-java (20070526-7) ...
Setting up libcommons-cli-java (1.6.0-1) ...
Setting up libplexus-component-annotations-java (2.1.1-1) ...
Setting up libgeronimo-annotation-1.3-spec-java (1.3-1) ...
Setting up libgeronimo-interceptor-3.0-spec-java (1.0.1-4fakesync) ...
Setting up libjansi-java (2.4.1-2) ...
Setting up libapache-pom-java (29-2) ...
Setting up libatinject-jsr330-api-java (1.0+ds1-5) ...
Setting up libplexus-interpolation-java (1.26-1) ...
Setting up libwagon-http-shaded-java (3.5.3-1) ...
Setting up libcdi-api-java (1.2-3) ...
Setting up libwagon-provider-api-java (3.5.3-1) ...
Setting up libmaven-parent-java (35-1) ...
Setting up libcommons-parent-java (56-1) ...
Setting up libsisu-inject-java (0.3.4-2) ...
Setting up libplexus-cipher-java (2.0-1) ...
Setting up libsisu-plexus-java (0.3.4-3) ...
Setting up libcommons-lang3-java (3.14.0-1) ...
Setting up libplexus-sec-dispatcher-java (2.0-3) ...
```

```
root@anushaapp: ~
Setting up libplexus-sec-dispatcher-java (2.0-3) ...
Setting up libwagon-file-java (3.5.3-1) ...
Setting up libcommons-io-java (2.11.0-2) ...
Setting up libmaven-resolver-java (1.6.3-1) ...
Setting up libmaven-shared-utils-java (3.3.4-1) ...
Setting up libguava-java (32.0.1-1) ...
Setting up liberror-prone-java (2.18.0-1) ...
Setting up libguice-java (4.2.3-2) ...
Setting up libmaven3-core-java (3.8.7-2) ...
Setting up maven (3.8.7-2) ...
update-alternatives: using /usr/share/maven/bin/mvn to provide /usr/bin/mvn (mvn) in auto mode
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@anushaapp:~# mvn package spring-boot:run
[INFO] Scanning for projects...
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 0.117 s
[INFO] Finished at: 2024-08-23T11:04:16Z
[INFO] -----
[ERROR] The goal you specified requires a project to execute but there is no POM in this directory (/root). Please verify you invoked M
aven from the correct directory. -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MissingProjectException
```