

Creating bar file on jenkins

- **Installing Ace :**

Downloading ace tar file :

https://www.ibm.com/resources/mrs/assets/DownloadList?source=swg-wmbfd&lang=en_US

Commands :

```
tar -xvzf "tarfilename"


cd "acefilename"

./ace accept licence

. acefilename/server/bin/mqsiprofile
```

- **On jenkins**

1. Create job
2. pipeline
3. script :



```
pipeline {
  agent any
  stages {
    stage('build') {
      steps {
        sh '''
          cd /home/sachin/Downloads/forbar
          . /home/sachin/ace-11.0.0.18/server/bin/mqsiprofile
          mqsipackagebar -a demo123.bar -k demo-master -o /home/sachin/Downloads/forbar/demo-master.z
        '''
      }
    }
  }
}
```

try sample Pipeline... ▼

if command not found check for permission to the dir:

```
ls -ltrh
```

```
chmod o+rwX dirname //to give permission of read, write, execute
```

4. mqsipackage command to build bar :

-a flag for bar name

-k flag for application name

-o flag for project directory with whole path

.bar file get saved on the working directory