

Pipeline As a Code (Pac)

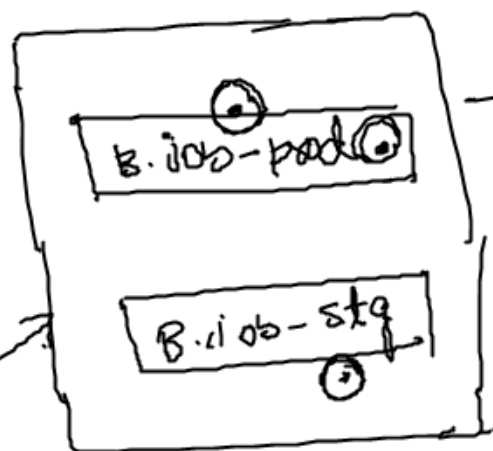
(Jenkins Groovy Scripting)

Jenkins

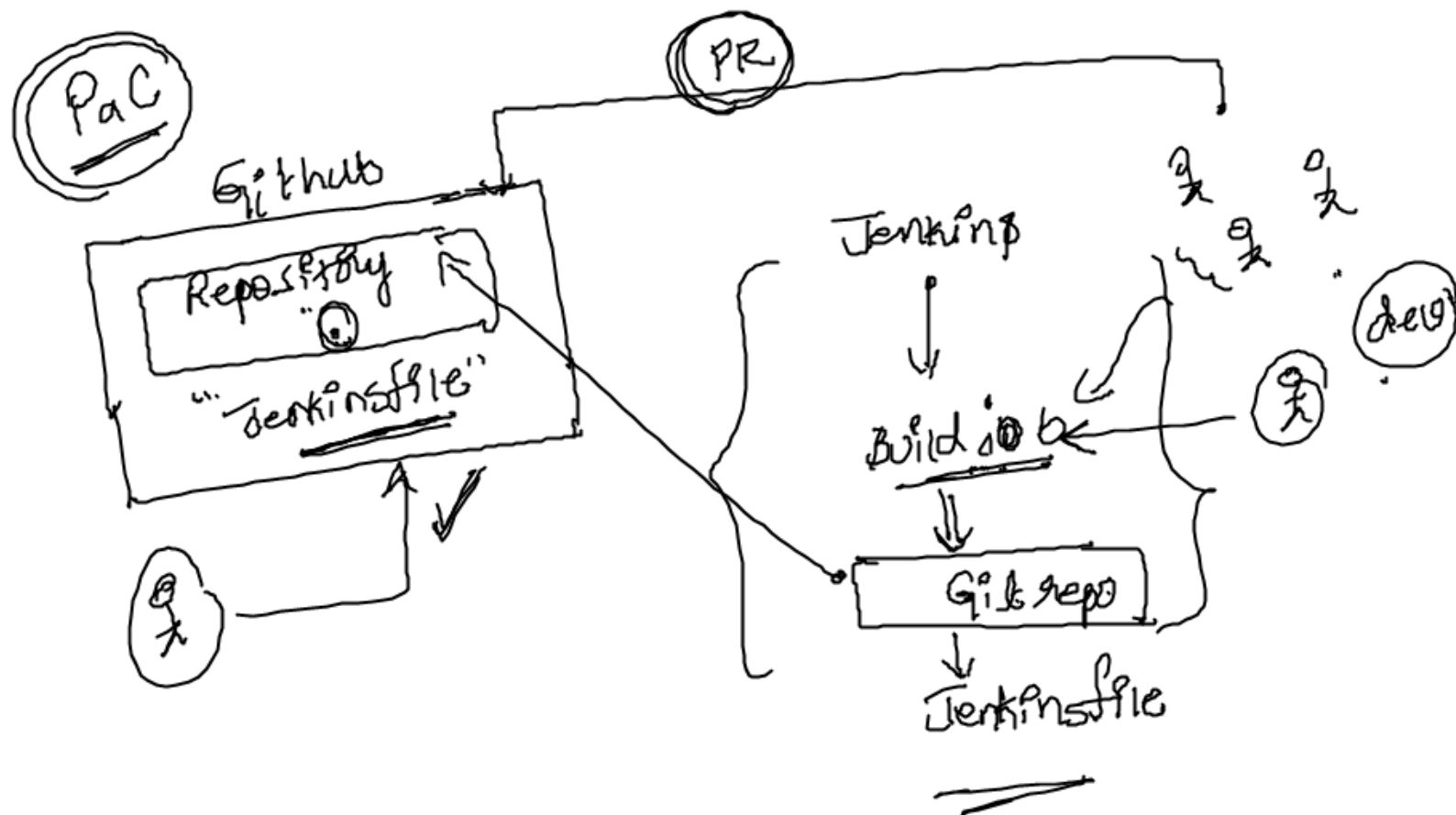
Options

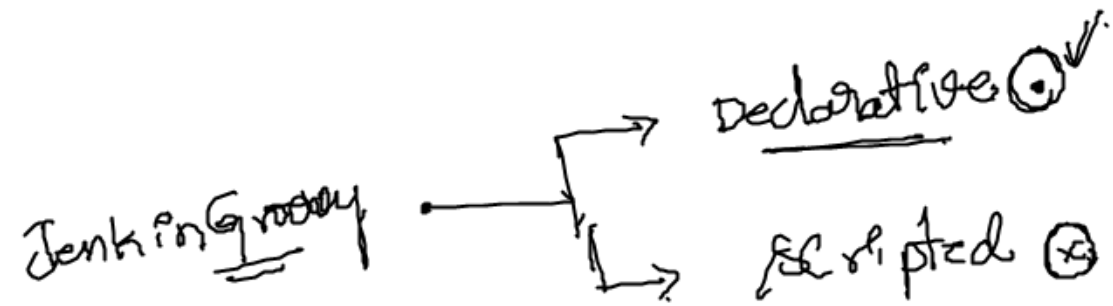


(dev)



4pm release time





```
pipeline {
```

```
  agent any { docker { container { have names: 5
```

```
  stages {
```

```
    stage("stage1") {
```

```
      steps {
```

```
        script {
```

```
          line1
```

```
          line2
```

```
          line3
```

```
        } } }
```

```
    stage("stage2") { }
```

```
  } }
```

General Build Triggers Advanced Project Options Pipeline

SCM ?

Git ▼

Repositories ?

Repository URL ?

https://github.com/shan5a6/dvsbatch1.git

Credentials ?

shan5a6/***** (shan-git-access) ▼ Add

Advanced... Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/master

Add Branch

Repository browser ?

(Auto) ▼

Additional Behaviours

Add

Script Path ?

Jenkinsfile

Lightweight checkout ?

Variables

declaration → var₁ = 20 ✓

Access → " \${var₁}" ✓

print ⇒ printf "\${var₁}"
 shell ⇒ echo "\${var₁}"
 python ⇒ print var₁.

variables

- ① pre defined ✓
- ② user defined ✓
- ③ parameterized variables ✓
- ④ environment ✓

Jenkins → Java

8/10

operators

Arithmetic

Boolean

logical

relational

x < y

Conditions

shell syntax

simple

if-else

```

if cond1
then
  stmt1
fi
  
```

```

if cond1
then
  stmt1
else
  stmt2
fi
  
```

PAC

```

if (cond1) {
  //
}
  
```

}

```

if (cond1) {
  stmt1
}
  
```

```

else {
  stmt2
}
  
```

elif ladder
shell

```
if cond1
then start1
elif cond2
then start2
else
start3
fi
```

Perl

```
if (cond1) {
    start1
}
else if (cond2) {
    start2
}
else {
    start3
}
```