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2KE20CS032

Assignment 29

Understood. To follow the provided instructions and create the files/directory using the same name and case as provided in the task steps, please provide me with the specific names and case instructions for the files/directory you want to create.

Jenkins -5

Assignment - 5 - create a simple php project pipeline /deploy to any web server & trigger the job using command line remotely

METHOD_2

```
lusy@localhost.localdomain /var/www/html (0.073s)
```

```
php -v
```


```
PHP 8.0.30 (cli) (built: Aug  3 2023 17:13:08) ( NTS gcc aarch64 )  
Copyright (c) The PHP Group  
Zend Engine v4.0.30, Copyright (c) Zend Technologies  
    with Zend OPcache v8.0.30, Copyright (c), by Zend Technologies
```

```
lusy@localhost.localdomain /var/www/html (3.818s)
```

```
sudo systemctl status httpd
```

```
[sudo] password for lusy:
```


```
● httpd.service - The Apache HTTP Server  
  Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: disabled)  
  Drop-In: /usr/lib/systemd/system/httpd.service.d  
           └─php-fpm.conf  
  Active: active (running) since Sat 2023-10-28 18:53:30 IST; 2h 3min ago  
    Docs: man:httpd.service(8)  
 Main PID: 158425 (httpd)  
  Status: "Total requests: 4; Idle/Busy workers 100/0; Requests/sec: 0.00054; Bytes served/sec: 0.00000"  
    Tasks: 213 (limit: 10684)  
  Memory: 30.6M  
    CPU: 7.171s  
  CGroup: /system.slice/httpd.service  
          └─158425 /usr/sbin/httpd -DFOREGROUND  
          └─158426 /usr/sbin/httpd -DFOREGROUND
```


 **Jenkins**


Search (🔍+K) ? 🔔 1 🛡️ 2

Dashboard > php_dep > Configuration

Configure

 General

 Advanced Project Options

 Pipeline

General

Enabled


Description


Assignment - 5 - create a simple php project pipeline /deploy to any web server & trigger the job using command line remotely


Plain text [Preview](#)

Dashboard > php_dep > Configuration

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☐ Build whenever a SNAPSHOT dependency is built ?

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

☐ Quiet period ?

☒ Trigger builds remotely (e.g., from scripts) ?

Authentication Token

lusy@123

Use the following URL to trigger build remotely: JENKINS_URL/job/php_dep/build?token=TOKEN_NAME or /buildWithParameters?token=TOKEN_NAME
Optionally append &cause=Cause+Text to provide text that will be included in the recorded build cause.

Dashboard > php_dep > Configuration

Configure

 General

 Advanced Project Options


 Pipeline

Definition

Pipeline script

Script ?

```
1 pipeline {
2   agent any
3   stages {
4     stage('Source') {
5       steps {
6         git branch: 'main', url: 'https://github.com/mareshgradious/php.git'
7       }
8     }
9     stage('Copy') {
10      steps {
11        sh 'sudo cp /var/lib/jenkins/workspace/php_dep/index.php /var/www/html/'
12      }
13    }
14  }
15 }
```

**Jenkins**

Search (⌘+K) ?

1 2 lusy

Dashboard > php_dep > #4

Status

</> Changes

Console Output

✓ Edit Build Information


🗑 Delete build '#4'

📁 Git Build Data

🔄 Restart from Stage

✓ Build #4 (Oct 28, 2023, 8:49:45 PM)

Started by remote host 10.211.55.20 with note: null

 Revision: c812e96cd7b1b3575494bb9ab108ee0fef3715d8
Repository: <https://github.com/mareshgradious/php.git>

- refs/remotes/origin/main

Keep this build

Add description

Started 11 min ago
Took 6.8 sec

← → ↺

10.211.55.20/index.php

Getting Started

Hello World

```
lusy@localhost.localdomain /var/www/html (0.034s)
```

```
curl 10.211.55.20/index.php
```

```
<html>
<head>
  <title>PHP Test</title>
</head>
<body>
  <p>Hello World</p>
</body>
</html>
```

```
lusy@localhost.localdomain /var/www/html
```

Jenkins Dashboard > php_dep >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History

Filter builds...

Auto Triggered

#	Time
#5	Oct 28, 2023, 9:04 PM
#4	Oct 28, 2023, 8:49 PM
#3	Oct 28, 2023, 8:31 PM
#2	Oct 28, 2023, 8:30 PM
#1	Oct 28, 2023, 8:25 PM

10.211.55.20:8080/job/php_dep/confirm-rename

```
lusy@localhost.localdomain /var/www/html (0.059s)
sudo cat index.php

<html>
<head>
  <title>PHP Test</title>
</head>
<body>
  <?php echo '<p>Hello World</p>'; ?>
</body>
</html>

lusy@localhost.localdomain /var/www/html (0.057s)
sudo chmod 777 /var/www/html/index.php

lusy@localhost.localdomain /var/www/html (0.021s)
cat index.php

<html>
<head>
  <title>PHP Test</title>
</head>
<body>
  <?php echo '<p>Hello World</p>'; ?>
</body>
</html>

lusy@localhost.localdomain /var/www/html (0.034s)
curl 10.211.55.20/index.php

<html>
<head>
  <title>PHP Test</title>
</head>
<body>
  <p>Hello World</p>
</body>
</html>

lusy@localhost.localdomain /var/www/html (0.059s)
curl -u lusy:11dbd888f088ee7060b737942b56789c5f http://10.211.55.20:8080/job/php_dep/build?token=lusy@123

lusy@localhost.localdomain /var/www/html
```

10.211.55.20/index.php

Hello World

```
lusy@localhost.localdomain /var/www/html (0.059s)
sudo cat index.php

<html>
<head>
  <title>PHP Test</title>
</head>
<body>
  <?php echo '<p>Hello World</p>'; ?>
</body>
</html>

lusy@localhost.localdomain /var/www/html (0.057s)
sudo chmod 777 /var/www/html/index.php

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</head>
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  <?php echo '<p>Hello World</p>'; ?>
</body>
</html>

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curl 10.211.55.20/index.php

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<head>
  <title>PHP Test</title>
</head>
<body>
  <p>Hello World</p>
</body>
</html>

lusy@localhost.localdomain /var/www/html (0.059s)
curl -u lusy:11dbd888f088ee7060b737942b56789c5f http://10.211.55.20:8080/job/php_dep/build?token=lusy@123
```