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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\_1

(USE THIS REPO LINK FOR php project ->

<https://github.com/maheshgradious/php.git>

**U should have PHP server i.e httpd**

```
lusy@localhost.localdomain ~ git:(a57470d) ±14 (19.806s)
sudo yum install tomcat

Last metadata expiration check: 3:29:58 ago on Sat 28 Oct 2023 03:53:35 PM IST.
Package tomcat-1:9.0.62-16.el9.noarch is already installed.
Dependencies resolved.
=====
Package                                Architecture      Version           Repository
=====
Upgrading:
tomcat                                noarch            1:9.0.62-37.el9  appstream
tomcat-el-3.0-api                     noarch            1:9.0.62-37.el9  appstream
tomcat-jsp-2.3-api                    noarch            1:9.0.62-37.el9  appstream
tomcat-lib                             noarch            1:9.0.62-37.el9  appstream
tomcat-servlet-4.0-api                noarch            1:9.0.62-37.el9  appstream

Transaction Summary
=====
Upgrade 5 Packages

Total download size: 6.4 M
Is this ok [y/N]: y
Downloading Packages:
```

```
[sudo] password for lusy:
Sorry, try again.
[sudo] password for lusy:
Last metadata expiration check: 0:34:51 ago on Sat 28 Oct 2023 07:27:45 PM IST.
Package php-8.0.30-1.el9.aarch64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!

lusy@localhost.localdomain /opt
```

Deploy php code in apache or nginx web server) (use APACHE)

1. To run the job remotely, on creating a new project enable the following option

[V] Trigger builds remotely (e.g., from scripts)?

Authentication Token

Use the following URL to trigger build remotely: JENKINS\_URL/job/test/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.

2. Input your Auth token in this field, copy the url below

3. Save the project

Dashboard > php\_deployment > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

General

Description

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

Plain text [Preview](#)

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterized ?

☐ Throttle builds ?

Branches to build ?

Branch Specifier (blank for 'any') ?

\*/main

Add Branch

Repository browser ?

4. From your linux command prompt, run the following

**curl -| -u user\_name your\_copied url**

The screenshot shows the 'Source Code Management' configuration page. On the left is a sidebar with navigation links: General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions. The main content area is titled 'Source Code Management' and has two radio buttons: 'None' and 'Git' (which is selected). Below this is a 'Repositories' section with a dashed border. Inside, there is a 'Repository URL' field with a question mark icon and a red close button, containing the text 'https://github.com/maheshgradious/php.git'. Below that is a 'Credentials' dropdown menu with a question mark icon, currently showing '- none -'. At the bottom of the repository configuration area are two buttons: 'Add' and 'Advanced'.

**(Note : provide your user\_name, make sure you gave the TOKEN\_NAME)**

The screenshot shows the 'API Token' management interface. It has a title 'API Token' and a section 'Current token(s)' with a question mark icon. Below this is a table with one token entry. The token name is 'lusy\_token'. Below the name, it says 'Created 0 day(s) ago' and 'Used 16 time(s), last time was 0 day(s) ago' followed by a trash icon. At the bottom left of the table area is a button 'Add new Token'. Below the table area, there is a red text instruction: 'Create token here use in link to auto trigger'.

Token Name	Created	Used	Last Used	Action
lusy_token	0 day(s) ago	16 time(s)	0 day(s) ago	

Build Triggers

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

Authentication Token

lusy@123

Use the following URL to trigger build remotely: JENKINS\_URL/job/php\_deployment/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.

☐ Build after other projects are built ?

☐ Build periodically ?

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

```
lusy@localhost.localdomain ~ git:(a57470d) ±18 (0.055s)
curl -u lusy:1196266ea5651bdd30d5bf2da90578a751 -X POST http://10.211.55.20:8080/job/deploy_php/build?token=lusy@123
<html>
<head>
```

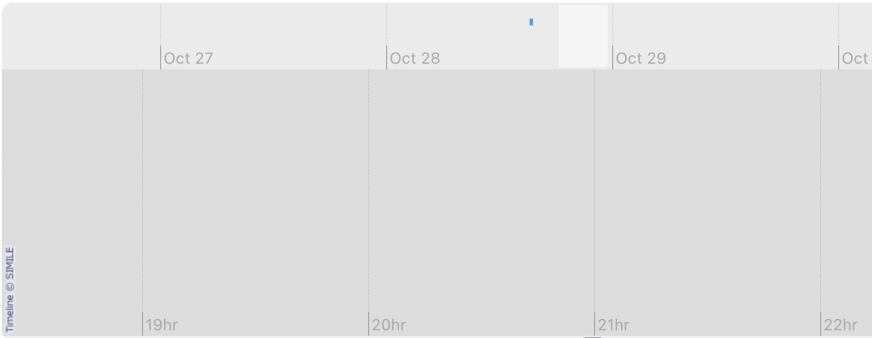
- Status
- Changes
- Workspace
- Build Now
- Configure
- Delete Project
- Rename

Build History trend

Filter builds...

#5	Oct 28, 2023, 3:59 PM
#4	Oct 28, 2023, 3:50 PM
#3	Oct 28, 2023, 3:50 PM
#2	Oct 28, 2023, 3:49 PM
#1	Oct 28, 2023, 3:48 PM
Atom feed for all Atom feed for failures	

Timeline



Build Time Trend

Build	Duration
#5	6 sec
#4	6 sec
#3	6 sec
#2	6 sec
#1	6.4 sec

