

Update_php7.2_php7.4 for stage -

If you create a new branch for staging -

- We have successfully updated php7.2 to php7.4 in develop environment. And branch name is develop (as much I remember).
- So now if we want to apply those in stage environment then we have to create a new branch from develop branch.
- As per the gitlab pipeline script the new branch name must be started with **rc/**
- When you create a new branch starting with **rc/** then automatically your pipeline for staging environment will be triggered and after successfully runs of pipeline updation of php7.2 to php 7.4 for staging will be successful.

If you want to do in existing staging branch - (make sure that existing branch name starts with rc/)

we can do it in two ways -

Merge your develop branch with existing branch -

- Left panel of your gitlab there is a section called **merge requests**. Click on there, click on new merge request, select source branch and give your develop there. and in the destination branch select your existing branch into where you want to merge.
- Click on compare branches and continue.
- Click on create merge request.
- Click on merge.
- Click on Merge unverified changes
- then automatically your pipeline for staging environment will be triggered and after successfully runs of pipeline updation of php7.2 to php 7.4 for staging will be successful.

Change everything in existing branch manually -

- clone the repo and `git checkout <your_existing_branch>
- there was a Dockerfile inside fewsnets/infrastructure/base-image/Dockerfile, in case of develop branch we changed docker pull outrigger/apache-php:php72 to docker pull outrigger/apache-php:php74 and also replaced others 74 with 72. and replace **:72** with **:74** inside **fewsnet/infrastructure/baseimage/build.sh**. And

after that ran **fewsnet/infrastructure/baseimage/build.sh API-KEY**. after that new image called apache-php:74 was pushed inside aws ECR. So for staging no need to do it again.

- Now in your existing branch go to **gitlab-ci** folder. There is a file called build.yml open the file and replace docksal/cli:2.10-php7.2 with docksal/cli:php7.4-build.
- In your existing branch go to **gitlab-ci** folder. There is a file called Dockerfile open the file and replace apache-php:72 with apache-php:74 and also replace other 72 texts with 74.
- after that push this to your existing branch.
- then automatically your pipeline for staging environment will be triggered and after successfully runs of pipeline updation of php7.2 to php 7.4 for staging will be successful.

For all the above 3 ways make sure that the pipeline script of develop is exactly same as the stable branch. If not then copy the pipeline script from stable and paste it in develop, after that you can follow any of these ways.

Above I maintained 3 ways to do it. But among them, 1st one (create a new branch for staging) is the best practice. Although we can follow 2nd and 3rd but We should follow 1st one.