

Pipelines

* Pipeline declarativa * Debe ser el archivo 'Jenkinsfile' en la raíz * En Jenkins debe crearse el job como "pipeline" * Ejecuta el stage solo si se modifica el archivo que toca

```
// If referencing variables inside functions, don' use 'def' keyword
// https://stackoverflow.com/a/47007544/2695864
app_docker_image = "web-acme"
app_docker_version = "latest"
db_docker_image = "${app_docker_image}-db"
db_docker_version = "${app_docker_version}"
db_siteurl_old = "localhost:8000"
// TODO: change below URL once in production
db_siteurl_new = "acme.example.com"

pipeline {
    agent any

    environment {
        _DOCKER_REGISTRY_CREDENTIALS =
credentials('jenkins.bot_username_password')
    }

    stages {
        stage('Build app') {
            when { changeset "wordpress/*" }
            steps {
                docker_registry_login()
                dir ('docker') {
                    build_app(app_docker_version)
                    build_app(gitlabAfter)
                }
            }
        }
        stage('Build DB') {
            when { changeset "docker/docker-entrypoint-
initdb.d/wordpress.sql" }
            steps {
                docker_registry_login()
                dir ('docker') {
                    build_db(db_docker_version)
                    build_db(gitlabAfter)
                }
            }
        }
    }
}

def docker_registry_login() {
    sh "bash -c 'echo ${_DOCKER_REGISTRY_CREDENTIALS_PSW} | docker login"
```

```
$_DOCKER_REGISTRY} --username $_DOCKER_REGISTRY_CREDENTIALS_USR} --  
password-stdin'"  
}  
  
def build_app(version) {  
    sh "bash -c './build-app.sh --registry $_DOCKER_REGISTRY --image  
${app_docker_image} --version version'"  
}  
  
def build_db(version) {  
    sh "bash -c './build-db.sh --registry $_DOCKER_REGISTRY --image  
${db_docker_image} --version version --old $db_siteurl_old --new  
$db_siteurl_new'"  
}
```

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