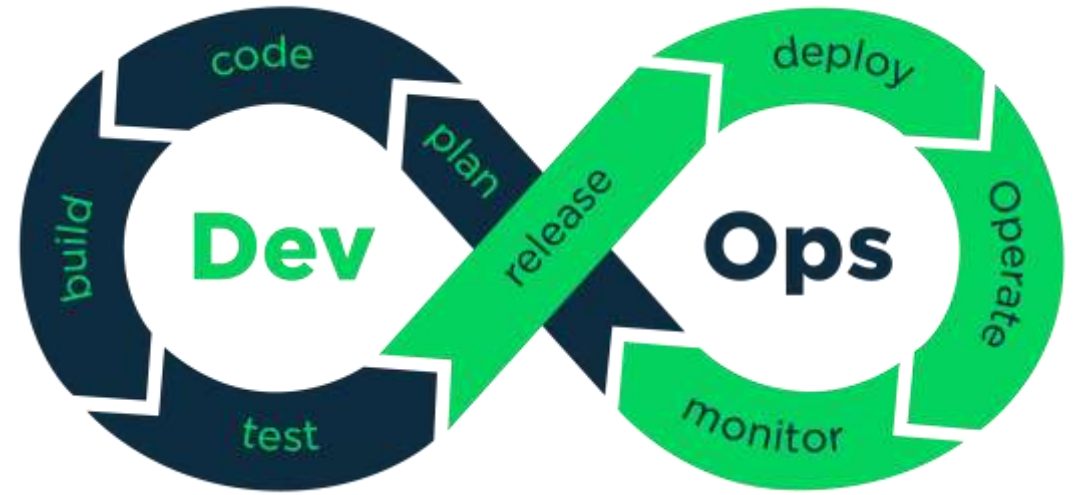




Jenkins



Jenkins: Pipeline as Code

Overview Jenkins Pipeline as Code

Jenkins : Pipeline as Code

- ❖ Pipeline code uses a DSL.
- ❖ DSL allows you to perform the Tests.

Jenkins : Benefits of code-based pipeline

- ❖ Jenkins pipeline define in a txt file, calls a jenkinsfile.
- ❖ Version Control.
- ❖ Less error-prone execution of Jobs.
- ❖ Logic-based execution of steps.

```
1  pipeline {
2      agent any
3      stages {
4          stage ('Initialize') {
5              steps {
6                  sh '''
7                      echo "PATH = ${PATH}"
8                      echo "M2_HOME = ${M2_HOME}"
9                      ...
10                 '''
11            }
12        }
13        stage ('Build') {
14            steps {
15                echo 'Hello World'
16            }
17        }
18    }
19 }
```

Jenkins : Benefits of code-based pipeline

