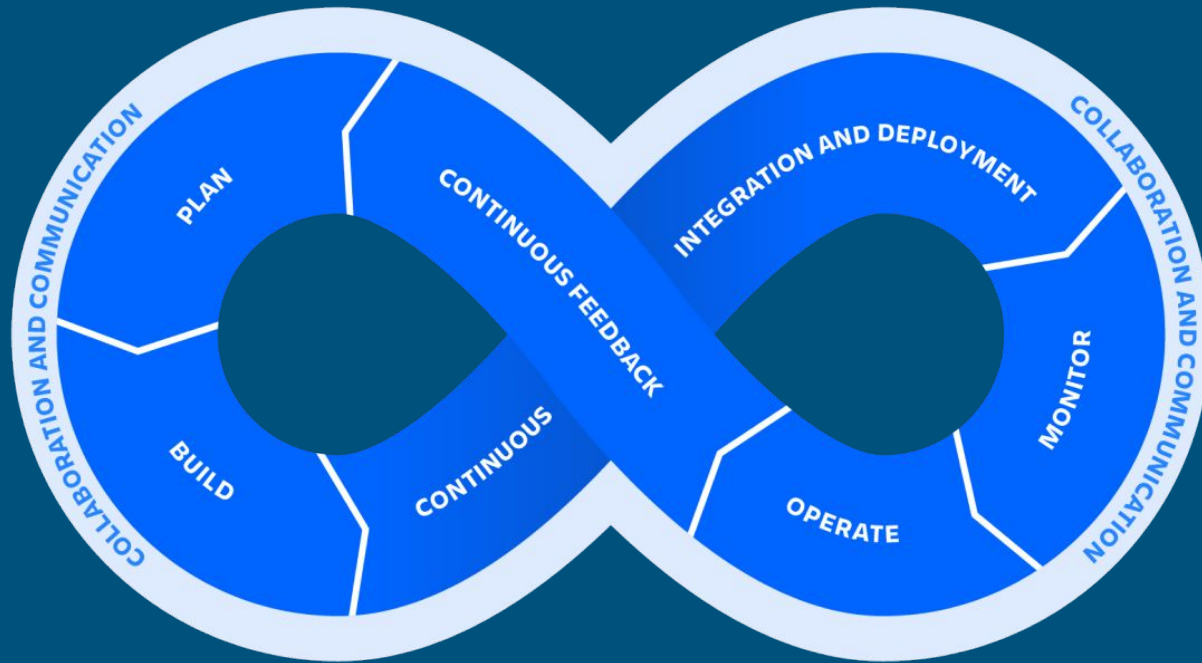# AUTOMATED BUILDS CI / CD

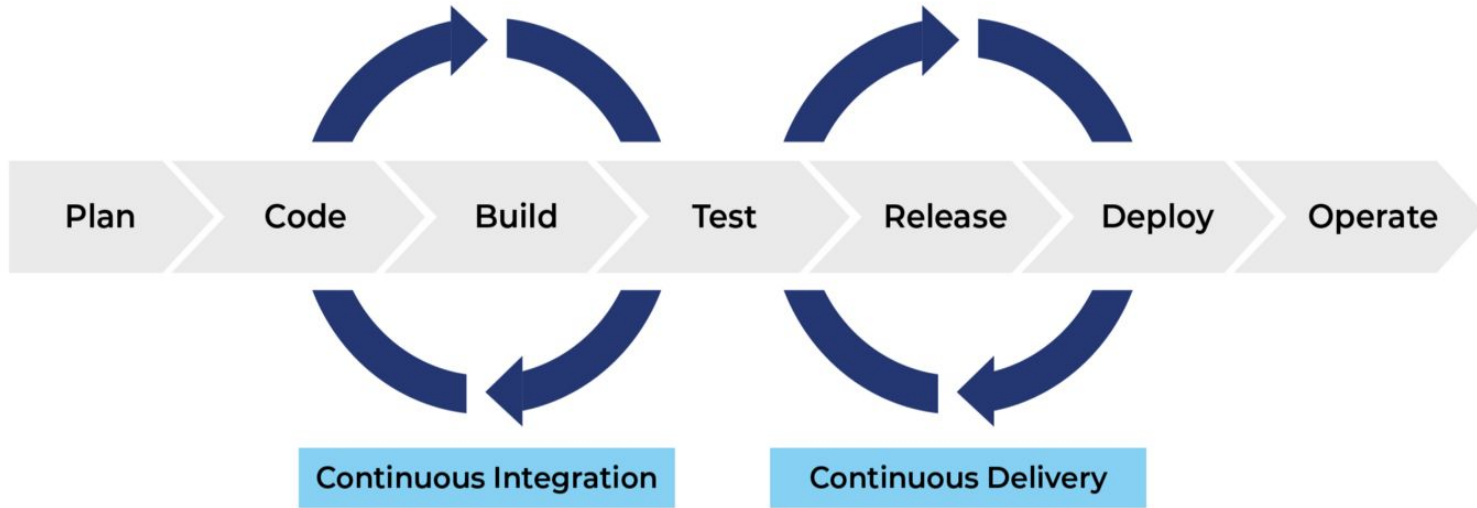Luis Fernández Díaz

AUTOMATED BUILDS & DevOps

WHAT IS CI?

- CI is the acronym for "continuous integration".

- Build the different parts of provided code.

- Test that everything is correct and report the action, if it is correct it will release to the chosen branch.

WHAT IS CD?

- CD is the acronym for "continuous deployment".

- It takes care of releasing what comes from continuous integration.
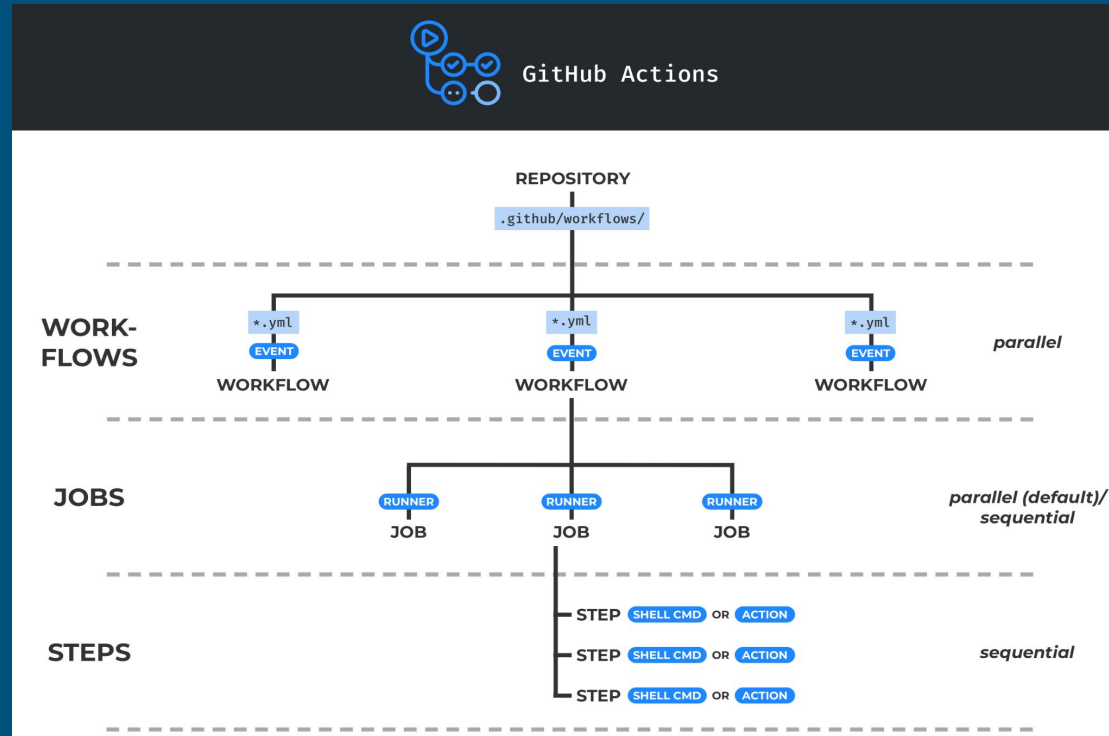
- It can also do test functions.

CI / CD

WHY USE CI / CD

- Improve project quality.

- Speed and security.

- Give more time to do other tasks.

- Fast error detection.

GUIDE OF GITHUB ACTION

USING GITHUB ACTIONS

AUTOMATIC RELEASES