

UdaPeople

Why integrate a CI/CD pipeline

by Daniel Jiménez Martínez

Current facts that increase costs to our company

- **Slow and manual deployments:** we dedicate a huge amount of time and human resources deploying our products in production every time we want to publish a new release to our customers.
- **Slow time to market:** because of the previous fact, this also translates in a slower time to have new functionalities in the market, which make us less flexible to market needs and position us below our competitors.
- **Time to fix a bug in production:** if we're slow deploying new functionalities, deploying fixes that solves critical issues could affect our trust and credibility towards our customers, which could cause our customers to choose other solutions.
- **Detection and prevention of bugs in production:** without premature detection of bugs and security issues, our development team will invest their precious time fixing things instead of developing new fashionable functionalities that customers demand.

How CI/CD will benefit our company

With a full automated CI/CD pipeline we could:

- Eliminate the slow and manual deployments, of our software and its required infrastructure. No more human errors. No more nightly updates. Our newly developed functionalities available to our customers, which translates in happier clients, a better position towards our competitors, less cost from our development and devops departments and maybe new potential clients.

How CI/CD will benefit our company

With a full automated CI/CD pipeline we could:

- Detect and prevent bugs and security issues before they arrive to our customers. With automatic testing and a quick feedback, our development team can fix them before anything is released from the factory. Our customers will continue trusting in our solution and they will continue renewing every year.