

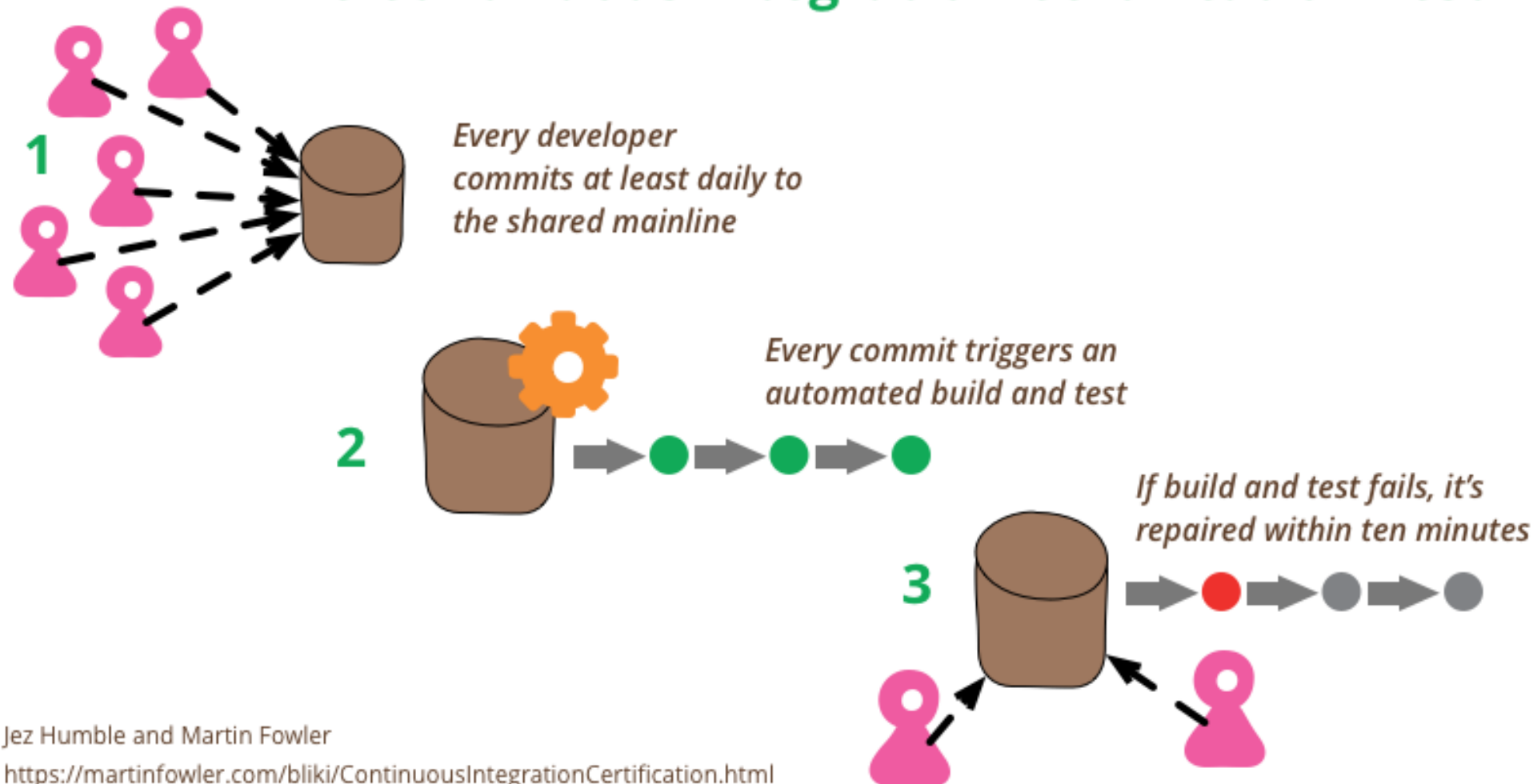
Integração contínua e delivery com CircleCI

Murillo de Miranda Pereira

"CI é uma estratégia de desenvolvimento de software que aumenta a velocidade do desenvolvimento, garantindo a qualidade do código."

Martin Fowler

The Continuous Integration Certification Test

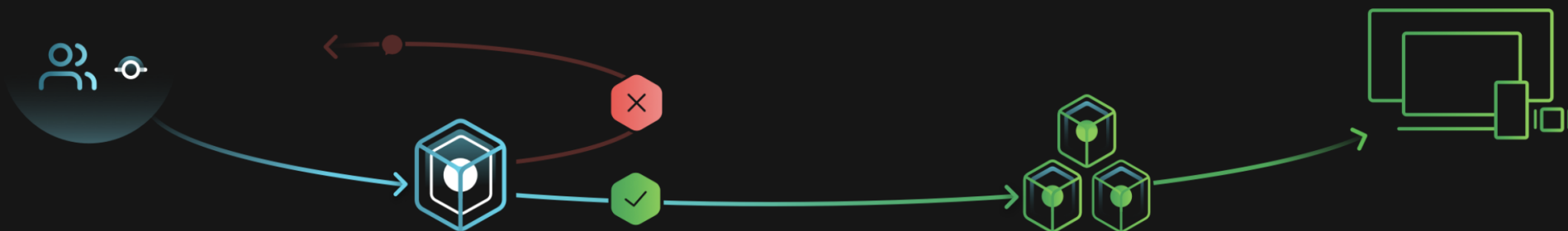


Jez Humble and Martin Fowler

<https://martinfowler.com/bliki/ContinuousIntegrationCertification.html>

O que é o CircleCI

É uma plataforma de integração contínua e delivery que ajuda equipes de todos os tamanhos a desenvolver e lançar rapidamente software de qualidade em escala.



VCS Integration

CircleCI integrates with GitHub, GitHub Enterprise, and Bitbucket. Every time you commit code, CircleCI creates a build.

Automated Testing

CircleCI automatically tests your build in a clean container or virtual machine.

Notifications

Your team is notified if a build fails so issues can be fixed quickly.

Automated Deployment

Passing builds are deployed to various environments so your product goes to market faster.

Usando CircleCI no mundo real

1. Criar conta no CircleCI
2. Criar ou integrar projeto do GitHub, Bitbucket
3. Criar na raiz do projeto **`.circleci/config.yml`**

```
version: 2
jobs:
  build:
    docker:
      # specify the version you desire here
      - image: circleci/node:7.10

      # Specify service dependencies here if necessary
      # CircleCI maintains a library of pre-built images
      # documented at https://circleci.com/docs/2.0/circleci-images/
      # - image: circleci/mongo:3.4.4

    working_directory: ~/repo

    steps:
      - checkout






















































      # Download and cache dependencies
      - restore_cache:
          keys:
            - v1-dependencies-{{ checksum "package.json" }}
            # fallback to using the latest cache if no exact match is found
            - v1-dependencies-

      - run: yarn install

      - save_cache:
          paths:
            - node_modules
          key: v1-dependencies-{{ checksum "package.json" }}

      # run tests!
      - run: yarn test
```

Cada commit irá gerar um build automaticamente

<div>! FAILED</div>	<p>master #271</p> <p> Create file alagoanes.json with dialect alagoano. (#67)</p>	<div> default</div> <div> test</div>	<div> 12 days ago</div> <div> 00:08</div> <div> 34ed8ae</div>	<div>2.0</div>
<div>✓ SUCCESS</div>	<p>master #270</p> <p> Create file alagoanes.json with dialect alagoano. (#67)</p>	<div> default</div> <div> lint</div>	<div> 12 days ago</div> <div> 00:12</div> <div> 34ed8ae</div>	<div>2.0</div>
<div>✓ SUCCESS</div>	<p>master #269</p> <p> Create file alagoanes.json with dialect alagoano. (#67)</p>	<div> default</div> <div> checkout</div>	<div> 12 days ago</div> <div> 00:10</div> <div> 34ed8ae</div>	<div>2.0</div>
<div>! FAILED</div>	<p>master #268</p> <p> Adicionado novos dialetos (#66)</p>	<div> default</div> <div> test</div>	<div> 12 days ago</div> <div> 00:08</div> <div> 053d851</div>	<div>2.0</div>
<div>✓ SUCCESS</div>	<p>master #267</p> <p> Adicionado novos dialetos (#66)</p>	<div> default</div> <div> lint</div>	<div> 12 days ago</div> <div> 00:04</div> <div> 053d851</div>	<div>2.0</div>
<div>✓ SUCCESS</div>	<p>master #266</p> <p> Adicionado novos dialetos (#66)</p>	<div> default</div> <div> checkout</div>	<div> 12 days ago</div> <div> 00:18</div> <div> 053d851</div>	<div>2.0</div>
<div>! FAILED</div>	<p>master #265</p> <p> add baianês dialects (#68)</p>	<div> default</div> <div> test</div>	<div> 12 days ago</div> <div> 00:08</div> <div> ab581f9</div>	<div>2.0</div>
<div>✓ SUCCESS</div>	<p>master #264</p> <p> add baianês dialects (#68)</p>	<div> default</div> <div> lint</div>	<div> 12 days ago</div> <div> 00:04</div> <div> ab581f9</div>	<div>2.0</div>
<div>✓ SUCCESS</div>	<p>master #263</p> <p> add baianês dialects (#68)</p>	<div> default</div> <div> checkout</div>	<div> 12 days ago</div> <div> 00:10</div> <div> ab581f9</div>	<div>2.0</div>

Vamos praticar!