

Intégration continue

Ça passe ou ça casse

L'intégration continue

Technique permettant de vérifier la qualité du code avant son intégration dans une application.

Et le déploiement continu, c'est pareil ?

Le déploiement continu

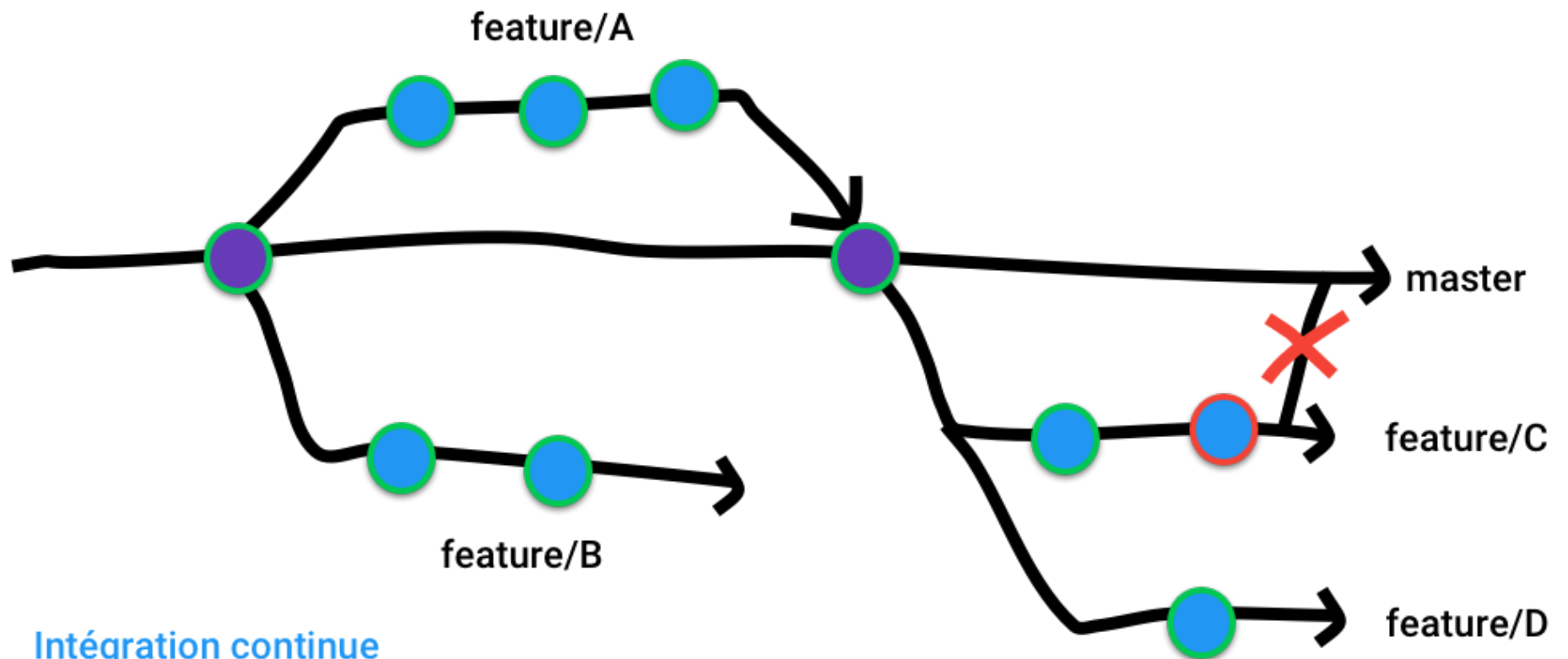
Technique permettant de déployer automatiquement le nouveau code d'une application dans un ou plusieurs environnements.

⚠ Il ne faut pas confondre la CI et la CD mais les deux sont complémentaires

Les environnements

- Développement
- Acceptance
- Pré-production
- Production

En pratique



Intégration continue

Déploiement continu

Les plateformes de CI/CD

- Gitlab CI
- Circle CI
- Travis CI
- Jenkins
- ...

On va utiliser laquelle, nous ?

Gitlab CI

```
<span class="c"># fichier .gitlab-ci.yml placé à la racine du dépôt</span><span class="c"></span><span class="w"></span></span><span class="w"></span><span class="c"># L'image Docker sur laquelle on se</span><span class="w"></span><span class="c">image<span class="p">:</span></span><span class="w"> </span><span class="w"></span></span><span class="w"></span><span class="c"># Définition des différents stages</span><span class="w"></span><span class="c">stages<span class="p">:</span></span><span class="w"></span></span><span class="w"></span><span class="c">-</span><span class="w"> </span><span class="c">build<span class="w"></span></span><span class="w"></span><span class="c">-</span><span class="w"> </span><span class="c">test<span class="w"></span></span><span class="w"></span></span><span class="w"></span><span class="c"># Définition d'un job du stage build</span><span class="w"></span><span class="c">build<span class="p">:</span></span><span class="w"></span></span><span class="w"></span><span class="c">stage<span class="p">:</span></span><span class="w"> </span><span class="c"></span><span class="w"></span><span class="c">script<span class="p">:</span></span><span class="w"> </span><span class="w"></span></span><span class="w"></span><span class="c"># Définition d'un job du stage test</span><span class="w"></span><span class="c">test<span class="p">:</span></span><span class="w"></span></span><span class="w"></span><span class="c">stage<span class="p">:</span></span><span class="w"> </span><span class="c"></span><span class="w"></span><span class="c">script<span class="p">:</span></span><span class="w"> </span><span class="w"></span></span></pre>
```