



Automated Builds CI + CD

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Table of contents

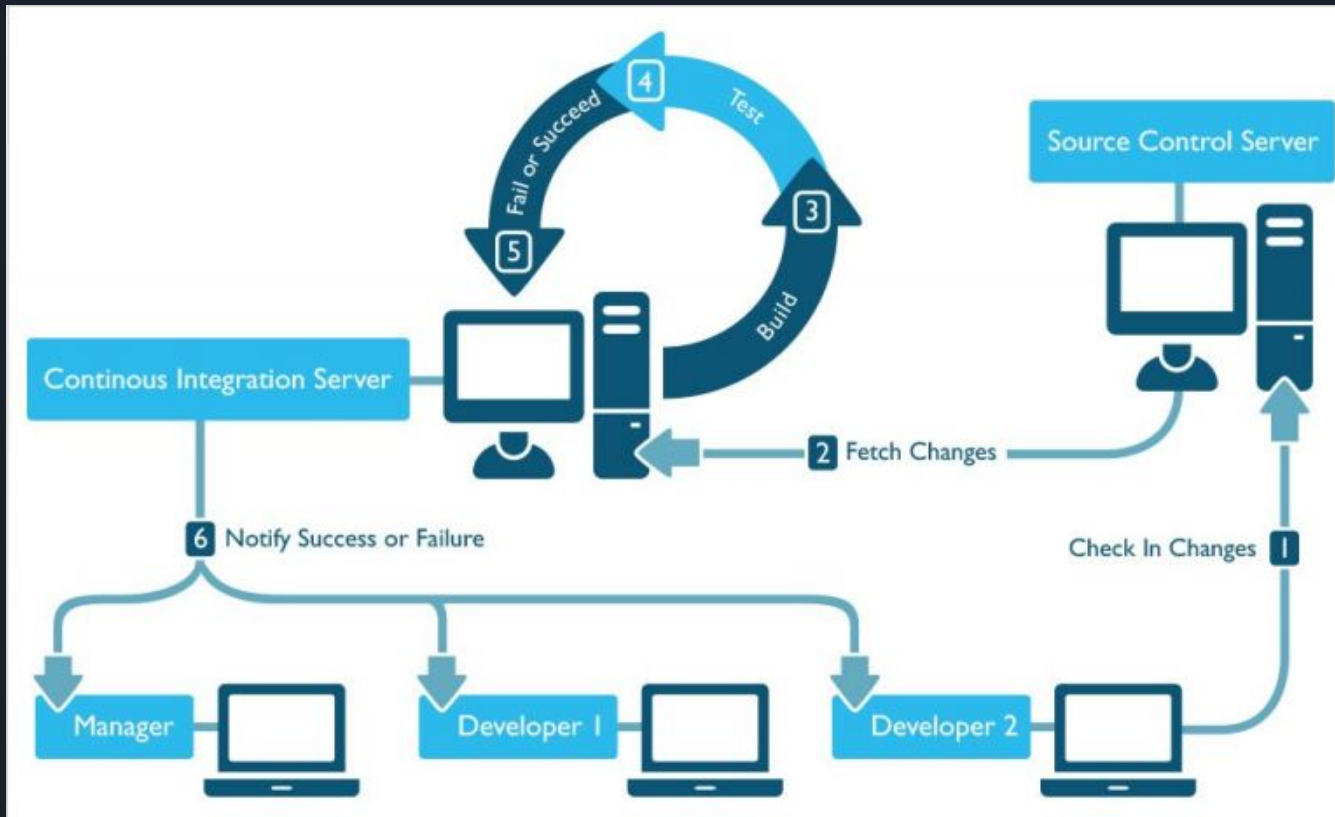
1. Automated builds
2. Continuous integration
3. Continuous development and delivery
4. CI/CD tools
5. GitHub Actions: Basic concepts
6. Set up GitHub actions
7. Conclusion

Automated Builds

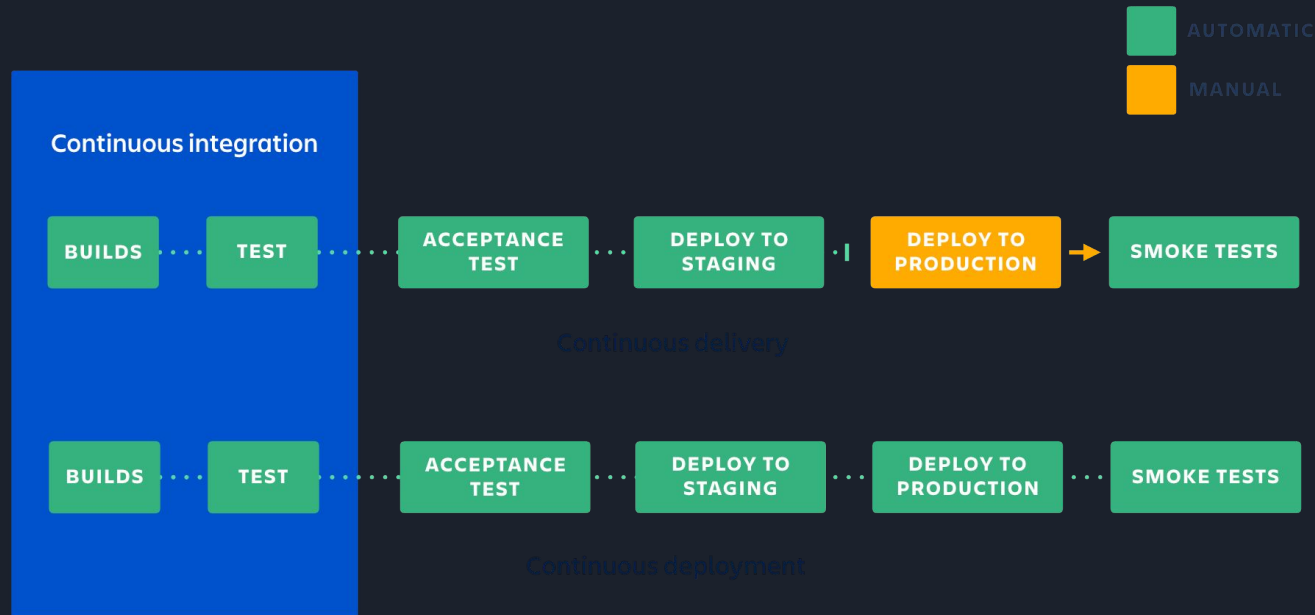
- Convert files + assets to a software product
- 2 requirements:
 - Repeatable
 - Information stored in the source code



Continuous Integration



Continuous development and delivery





CI/CD Tools



Jenkins



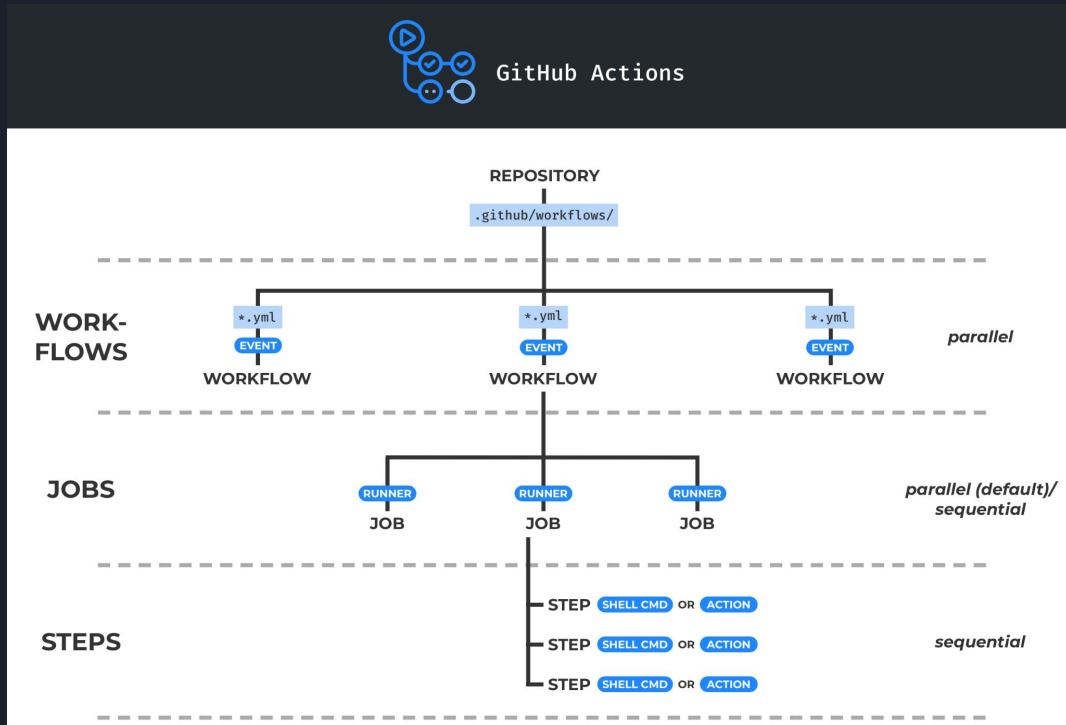
GitLab



circleci

GitHub Actions: Basic concepts

- Workflow: All the process
- Events: Trigger
- Jobs: Set of steps don
- Steps: Sequence of tasks.
Commands or actions.



Set up GitHub Actions





Conclusions

- Essential tool for big projects
- Useful on small projects
- Very powerful tool, need to learn how to use it properly

Thanks for your attention!