





# WHAT IS CI/CD




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 @fox3d\_entertainment



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In a Software Development Project  
**multiple developers** work on  
different features at the same time

Will complete the entire feature  
and commit it at the end



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But one day these features need to  
be merged to the main software

On that day....

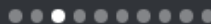
## Merge Conflict



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Before that they need be tested  
(Unit and Integration tests)

These process could  
become exhausting,  
time-consuming & messy



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This kills productivity and  
delays the feature release



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That is where CI/CD came to the rescue!

CI - Continuous Integration

CD - Continuous Delivery

CD - Continuous Deployment

CI/CD





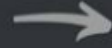


Continuous Delivery is a practice where code changes are **automatically** prepared for a **release** to production after validation

*I'm Ready!*








Finally, **Continuous Deployment**  
automatically releases the new version of  
the software to the end - users instantly

source, build, test,  
deploy, repeat



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