

# My Marvin

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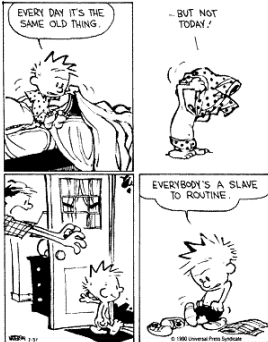
Kick-off

T6 - My Marvin

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T-DOP-602

# Your routine



- Compiling your code ;
- Testing manually or triggering a test suite for your program ;
- Checking the code quality (style, norm, vulns, ... ) ;
- Deploying a new version of your application.
- Doing it again, and again, and again...



## What if you ...

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- push a non-compiling program at the last minute?
- push a breaking change that has not been tested?
- push a code that does not follow the in-house coding style?
- forgot a step in the deployment process?



## The answer

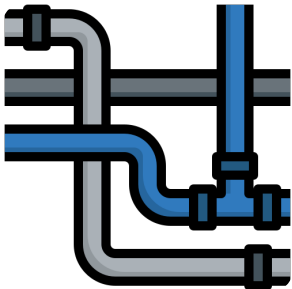


# Automation

- set of tools & practices reducing human intervention ;
- main advantages are:
  - Increased productivity, robustness, quality, ... ;
  - Reduced cycle time, human labor costs and expenses ;
  - Relieving humans of monotonously repetitive work ;
  - Increased human freedom to do other things...



# Pipelines



- Continuous Integration & Continuous Deployment ;
- automatically handles the integration and deployment ;
- the magic happens usually with just a push ;
- the magician is the automation platform.



# Jenkins



- popular open-source automation platform ;
- tons of plug-ins ;
- extremely customizable ;



## Epitech's Marvin



- used by your school to evaluate your projects ;
- can test 50 projects simultaneously ;
- very efficient, fast and scalable ;
- you already love it. <3





# Any questions

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