

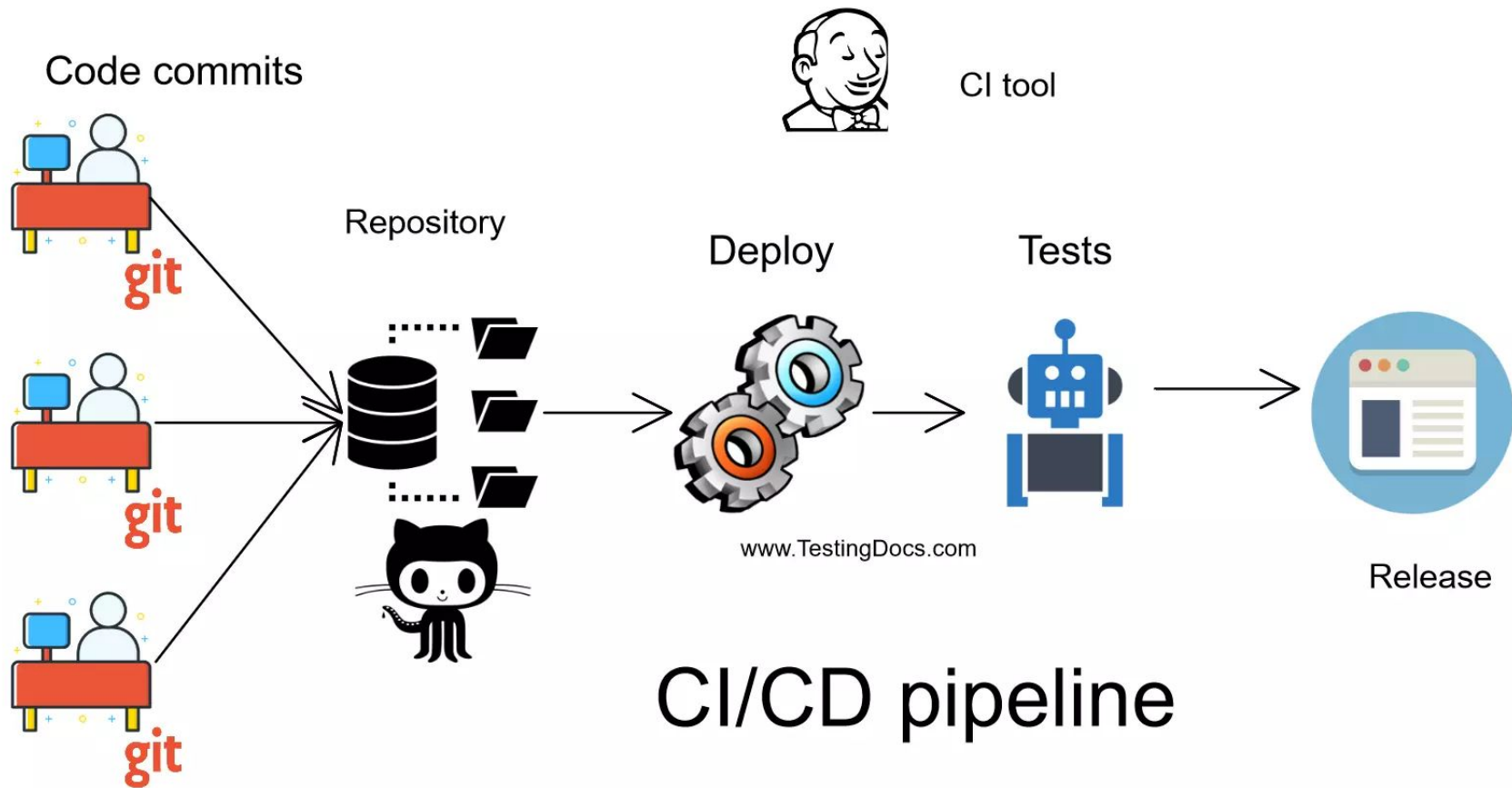
# Integración Continua

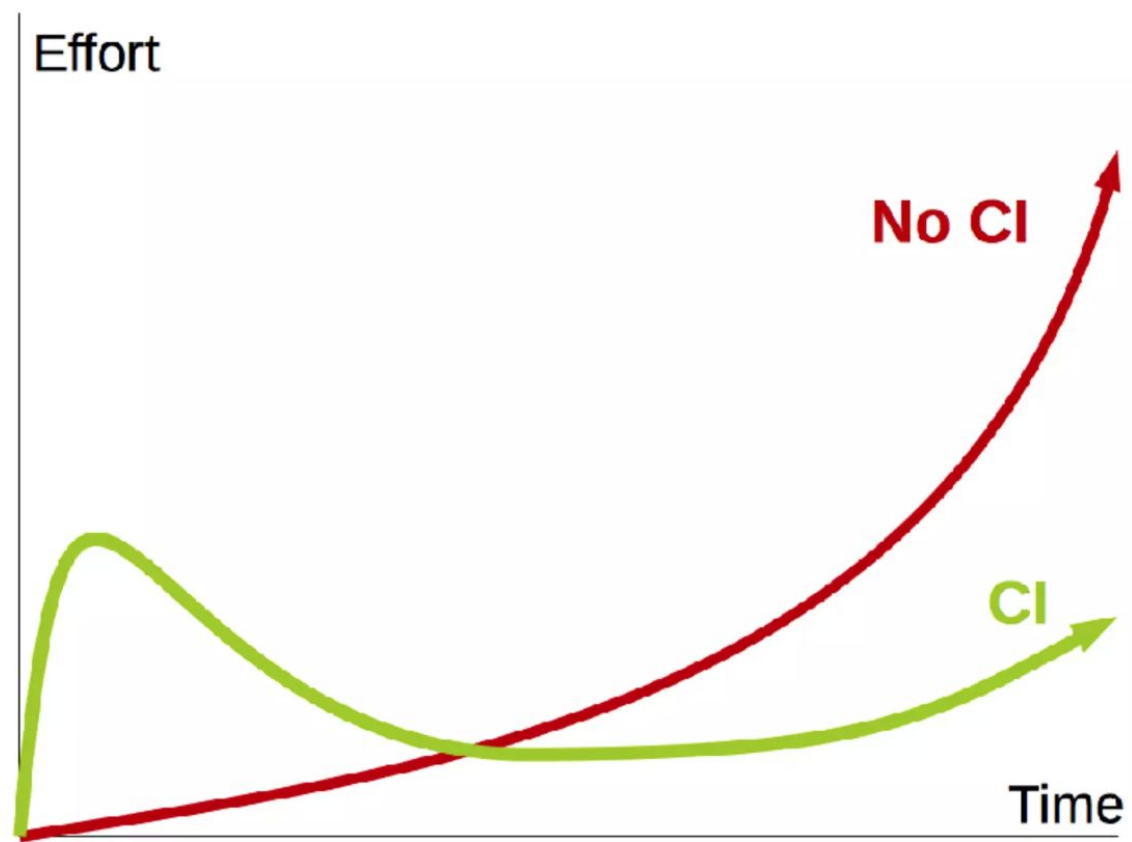
(Continuous Integration)



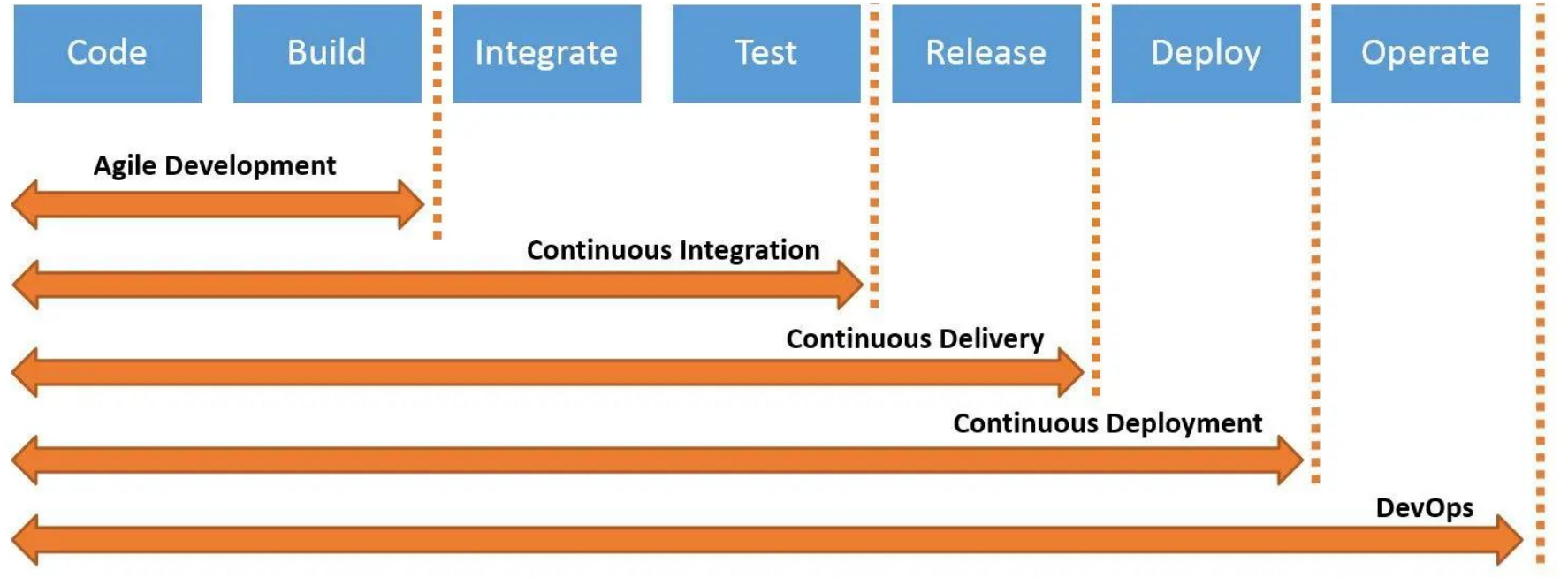
# GIT MERGE







# PRÁCTICAS CONTINUAS



# **CONTROL DE VERSIÓN DE CÓDIGO**

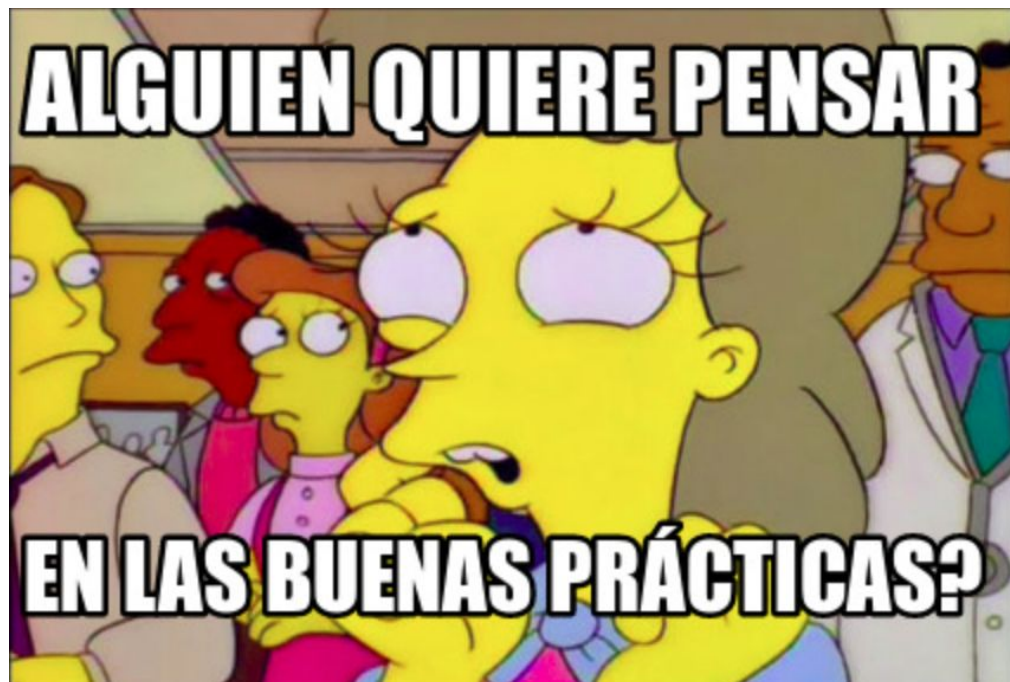
## Definir convenciones

	COMMENT	DATE
○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
○	ENABLED CONFIG FILE PARSING	9 HOURS AGO
○	MISC BUGFIXES	5 HOURS AGO
○	CODE ADDITIONS/EDITS	4 HOURS AGO
○	MORE CODE	4 HOURS AGO
○	HERE HAVE CODE	4 HOURS AGO
○	AAAAAAAAA	3 HOURS AGO
○	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
○	MY HANDS ARE TYPING WORDS	2 HOURS AGO
○	HAAAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

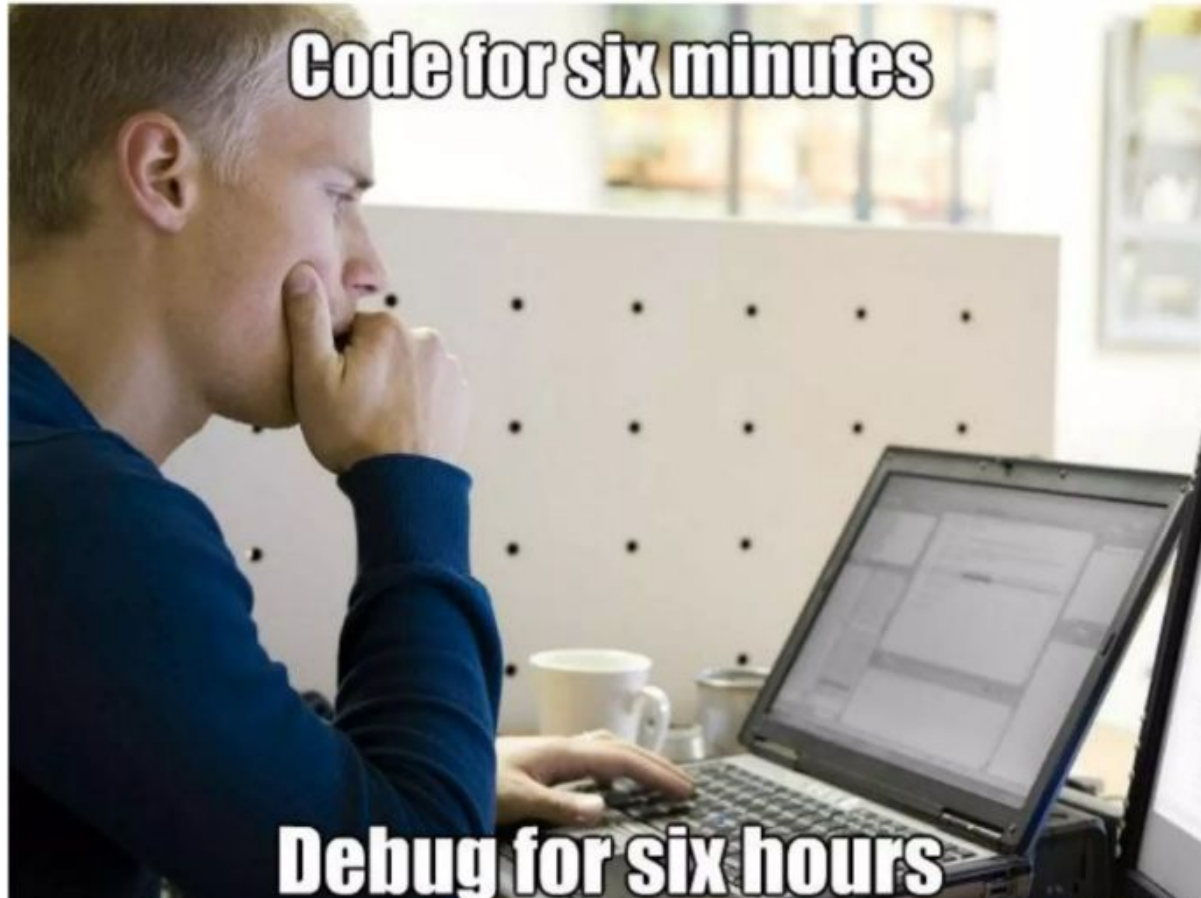


```
<tipo-de-commit>[scope]: <descripcion>
```





# Antes y después del commit



**EN CUANTO A LAS BUILDS...**

**Implementar builds automatizadas**

**Programmer**

**Task that takes  
5 minutes**

**Can it be automated?**

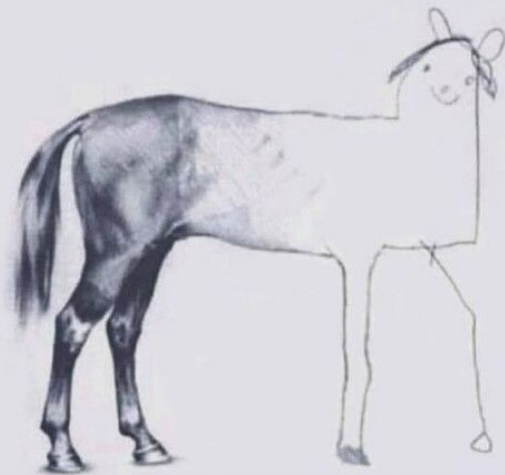


## Controlar la calidad del código fuente

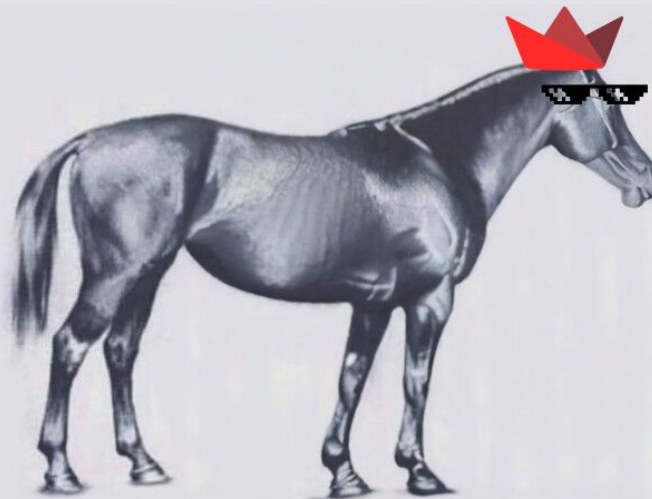


# Testing Automatizado

What happens when you try and code “faster”



Quality with manual testing



Quality with automated testing

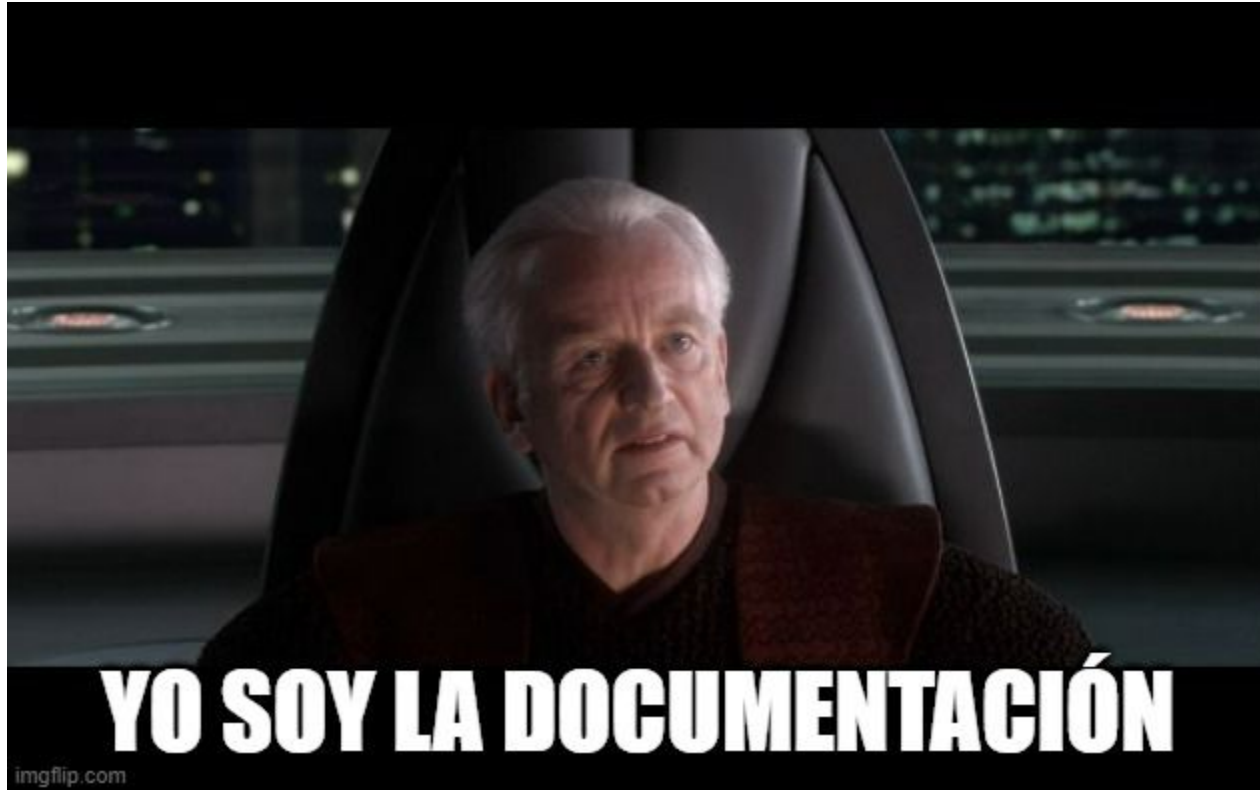
# **DOCUMENTACIÓN**

# Documentar el flujo de trabajo





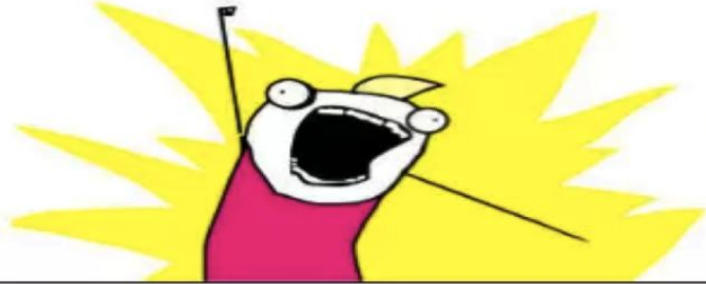
## Documentar los ciclos de vida



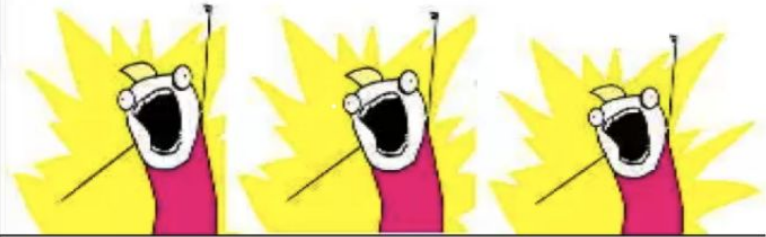
**DISOCIAR EL ARCHIVO DE CONFIGURACIÓN DEL CÓDIGO**

# Como conclusión...

WHAT DO WE WANT?



TO INTEGRATE BETTER SOFTWARE!



WHEN DO WE WANT IT?



CONTINUOUSLY!!!



**REAL PROGRAMMERS**

**COMMIT TO MASTER**

# Referencias

Giron, Bouissoumer, Continuous Integration Patterns and Anti-Patterns, 2022

Bersoff, E.H., "Elements of Software Configuration

Little Book of Configuration Management

