

# LE TDD



SANS  
COMMENCER  
PAR LES TESTS  
?

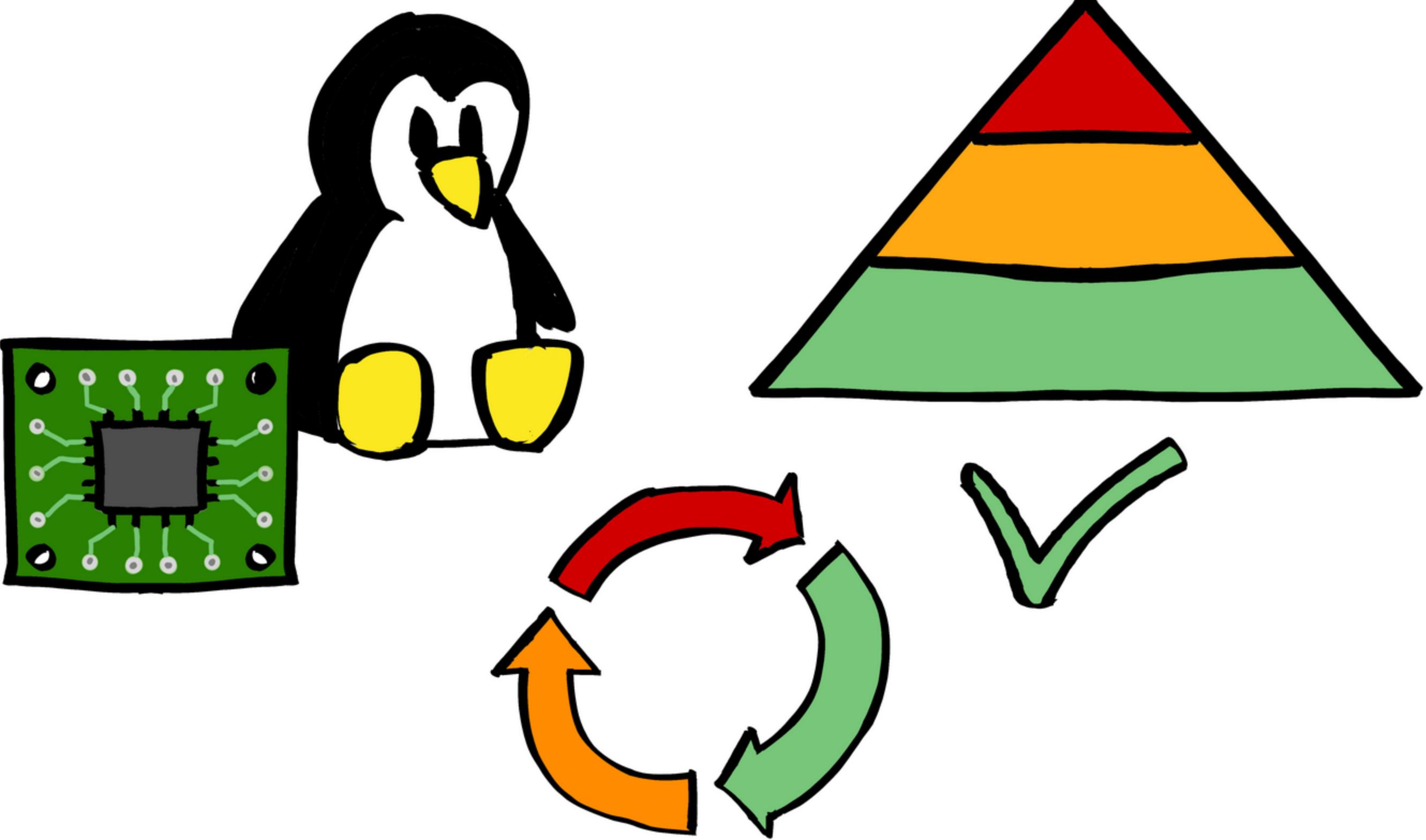
**MON  
CONTEXTE**

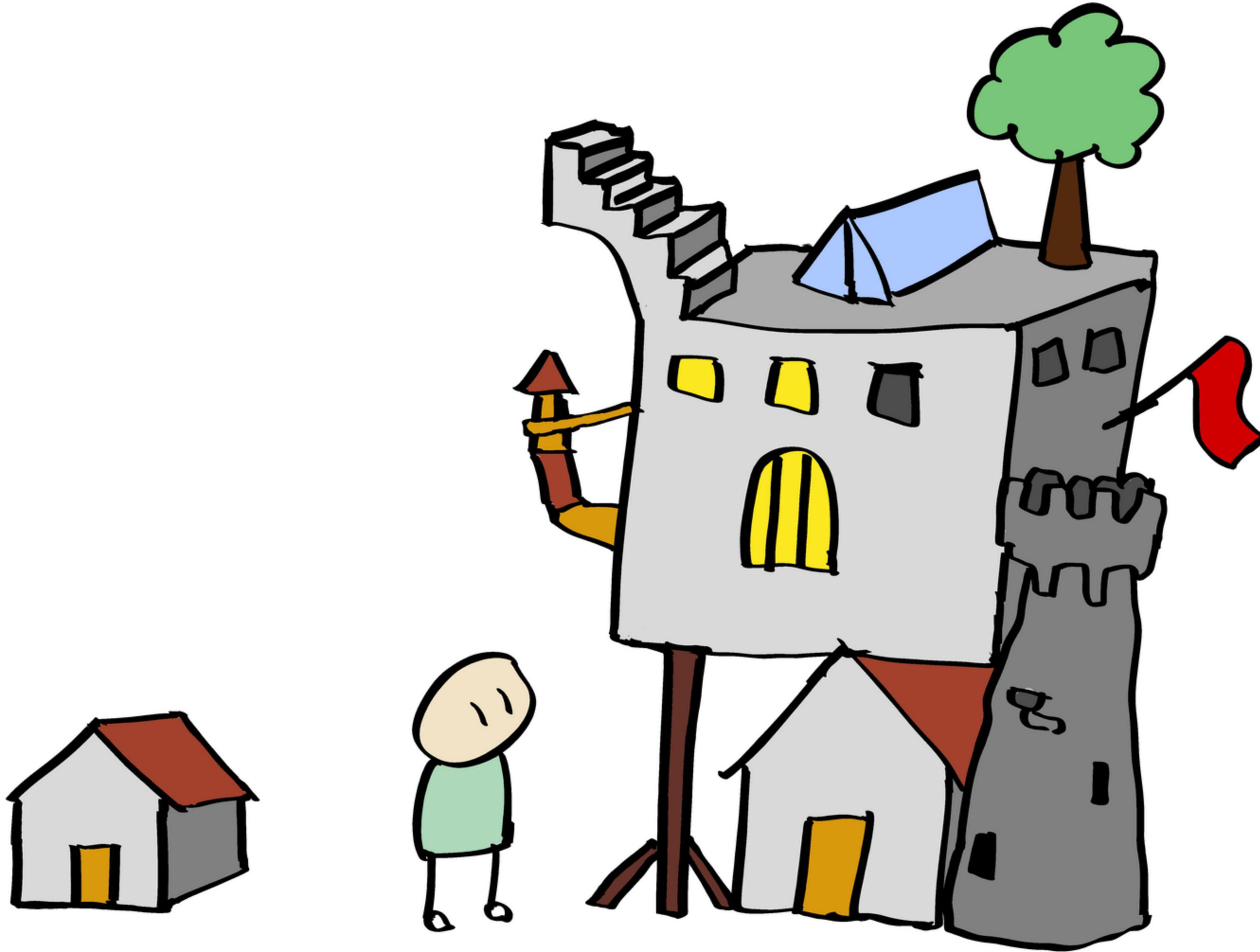
VICTOR  
LAMBRET

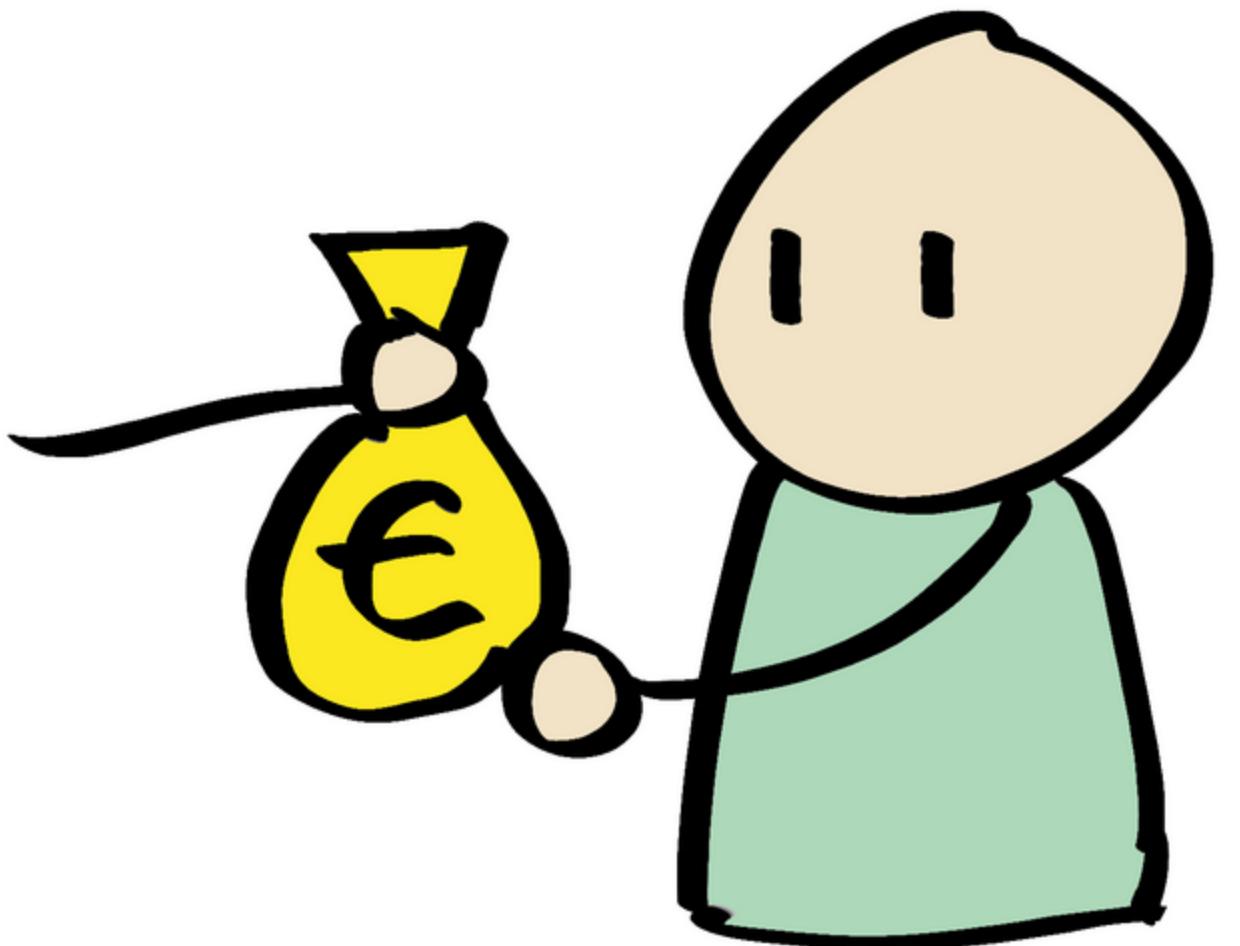


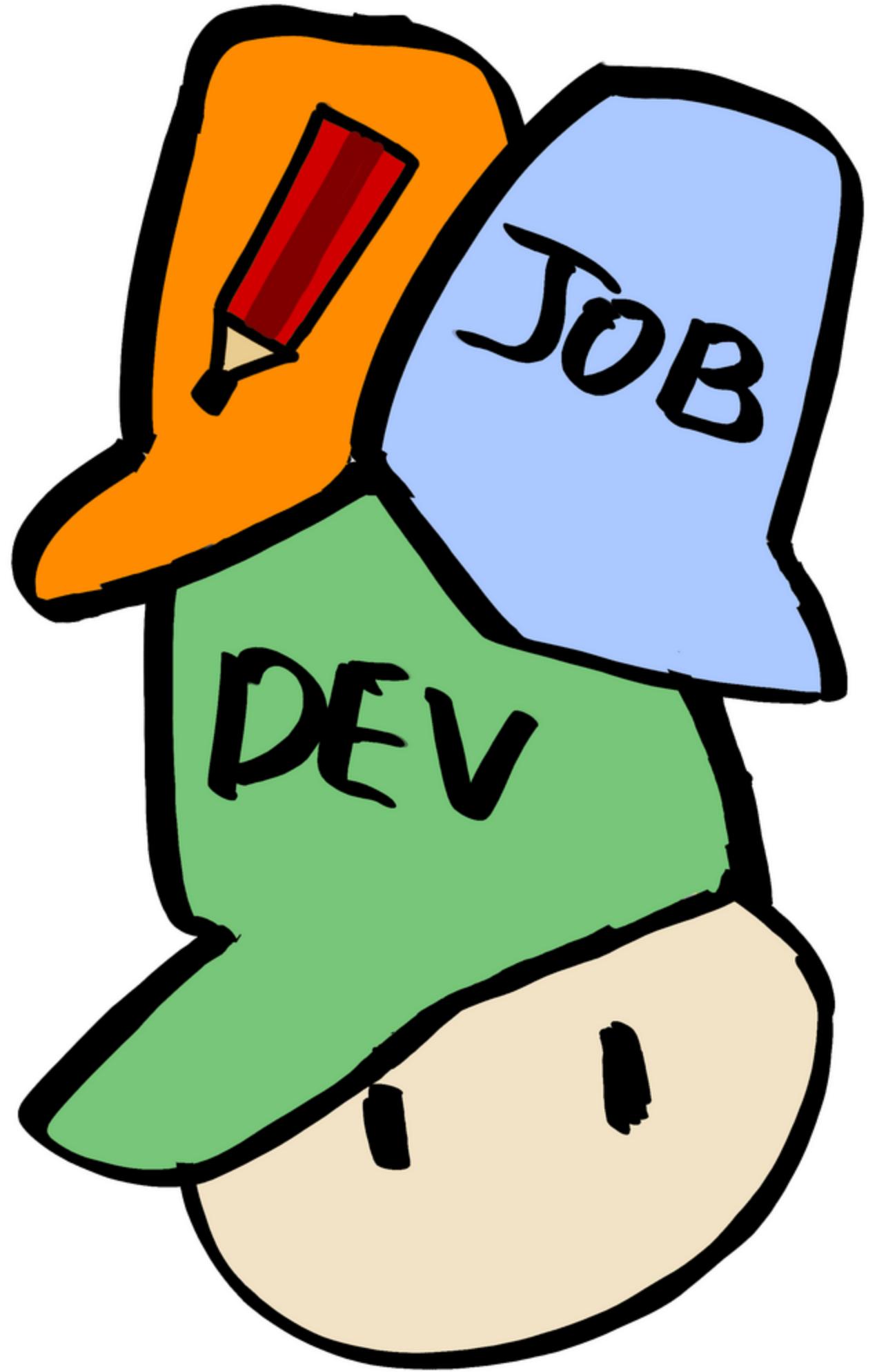
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`heart` : [ ,  
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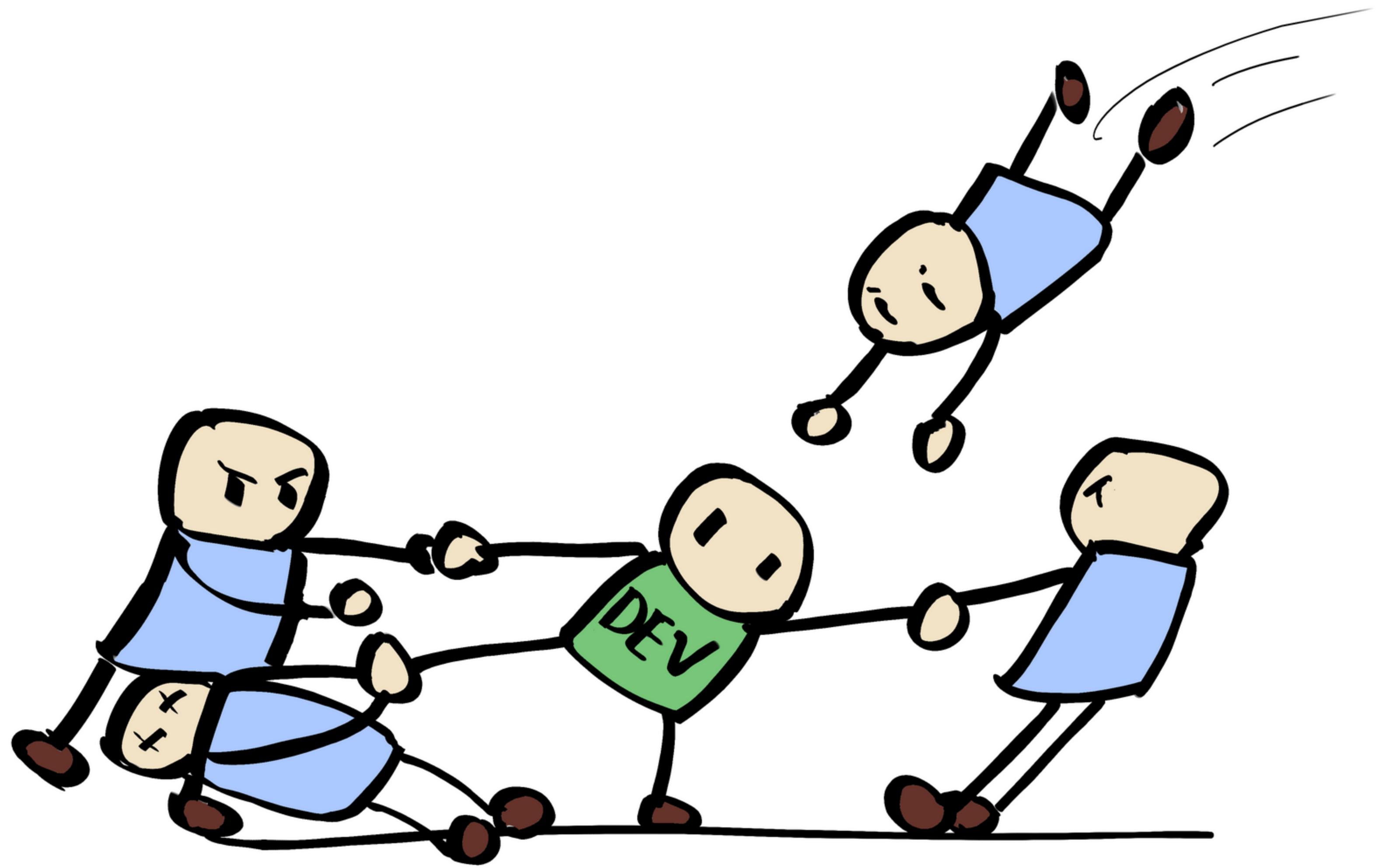
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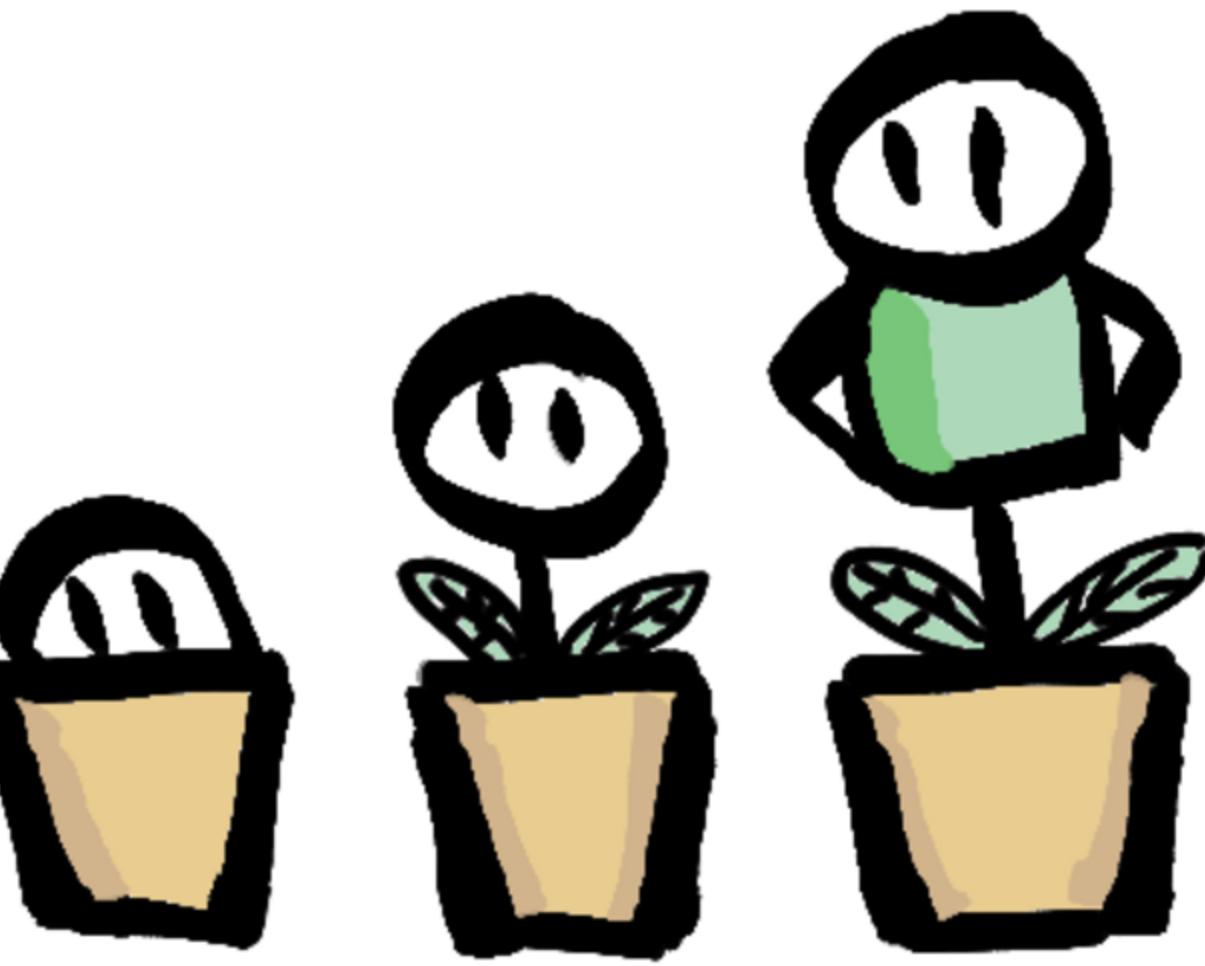




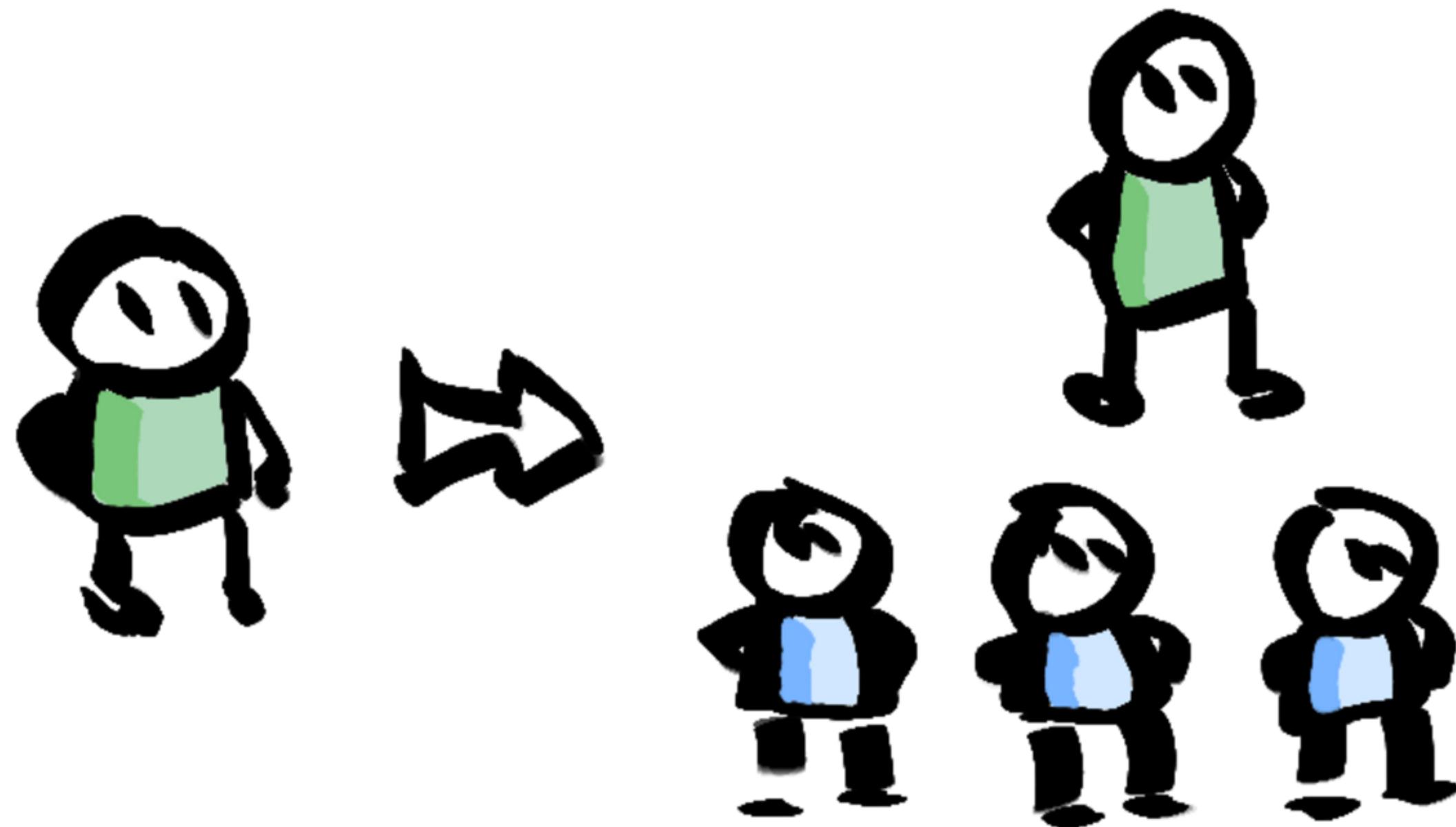




# SOLUTION A: BOUTURER



# SOLUTION B: LA FORMATION





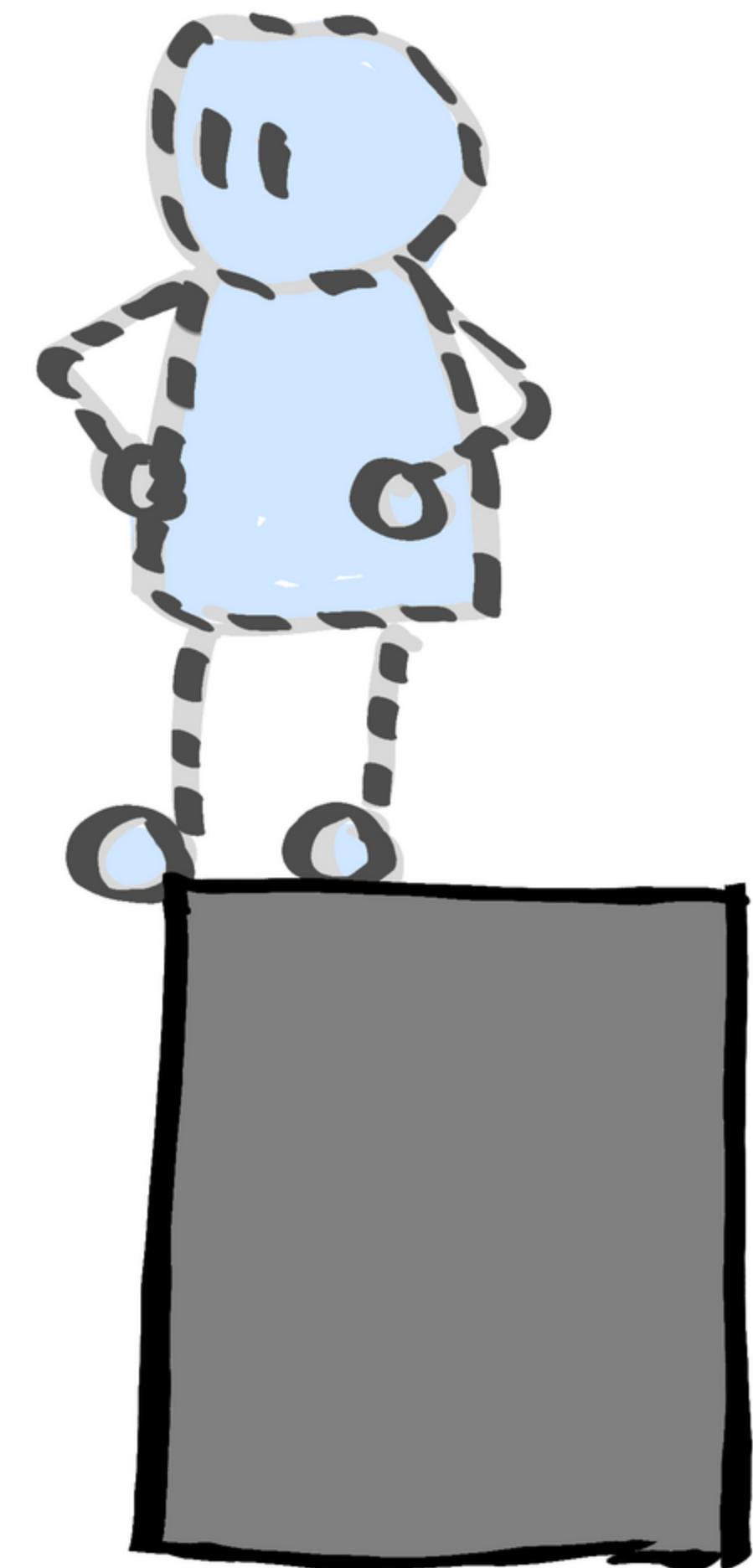
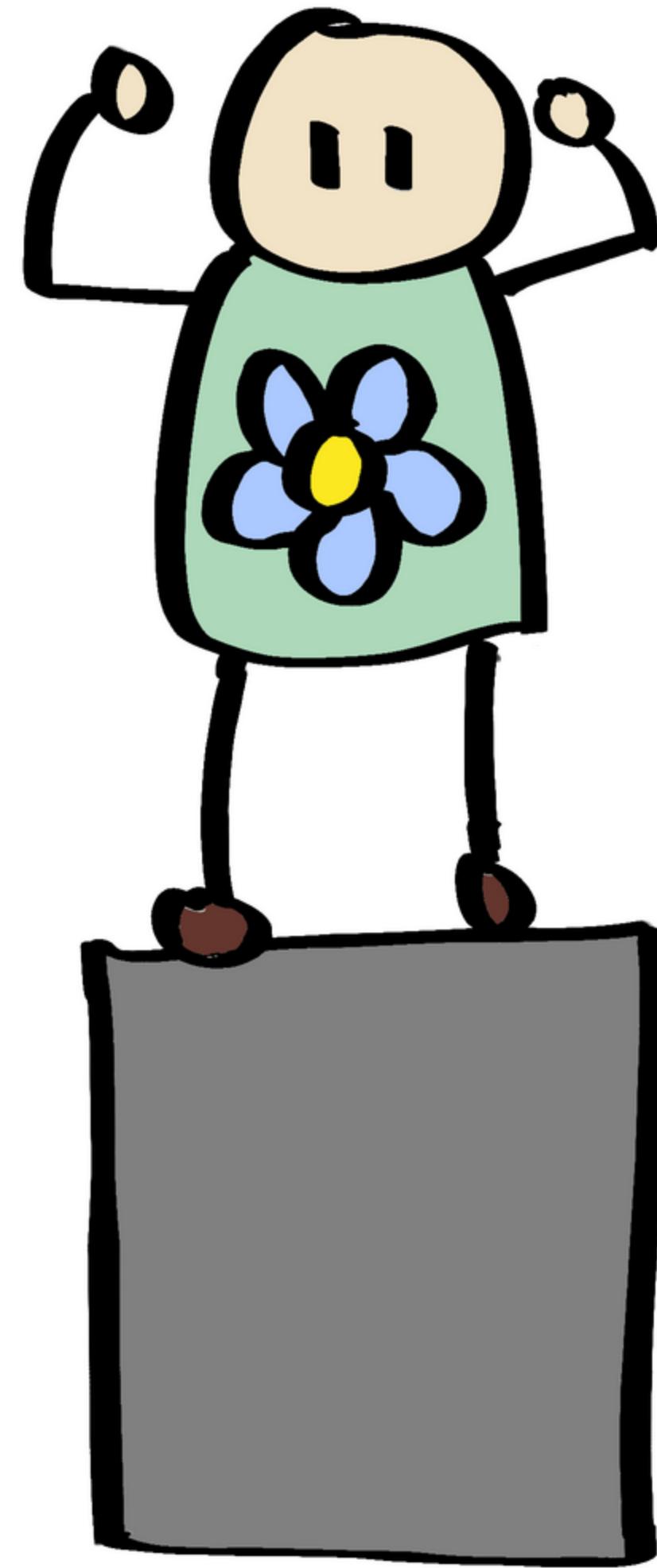
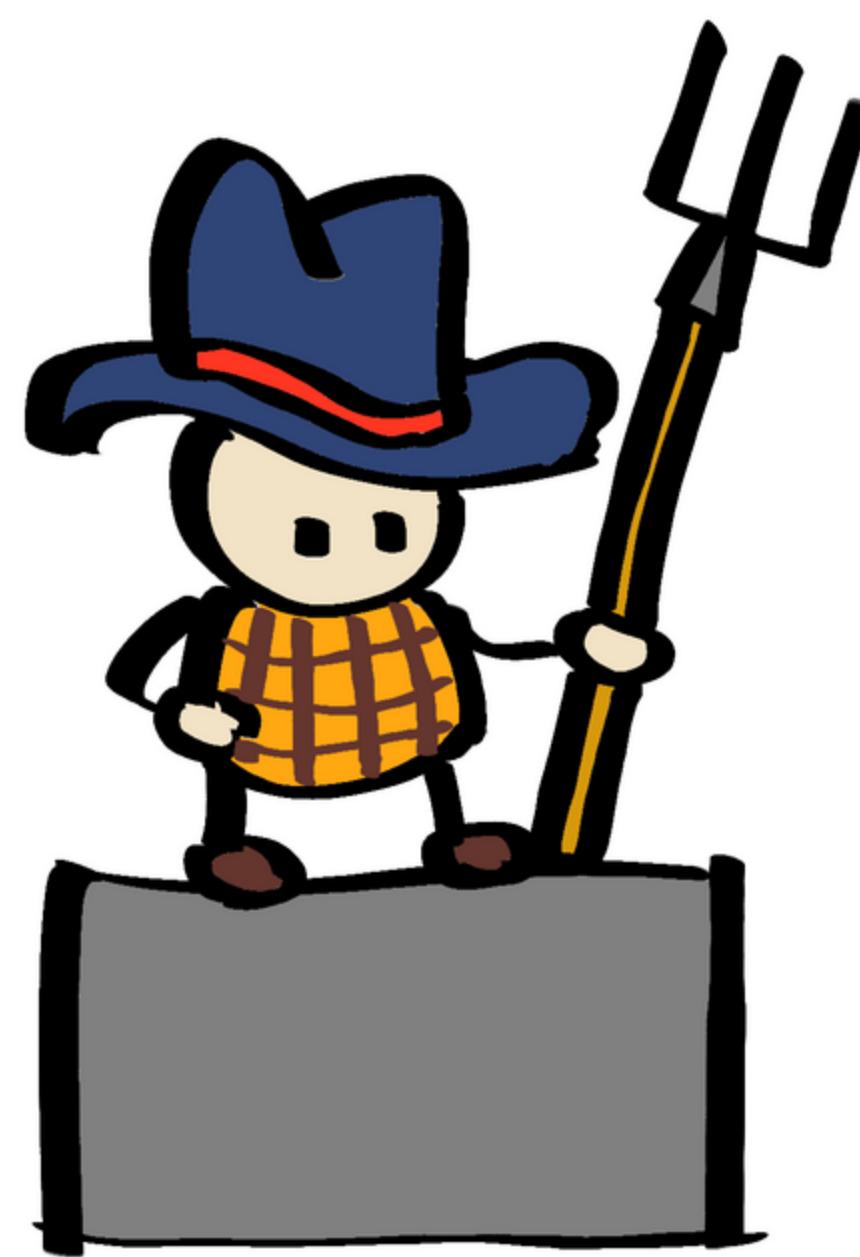


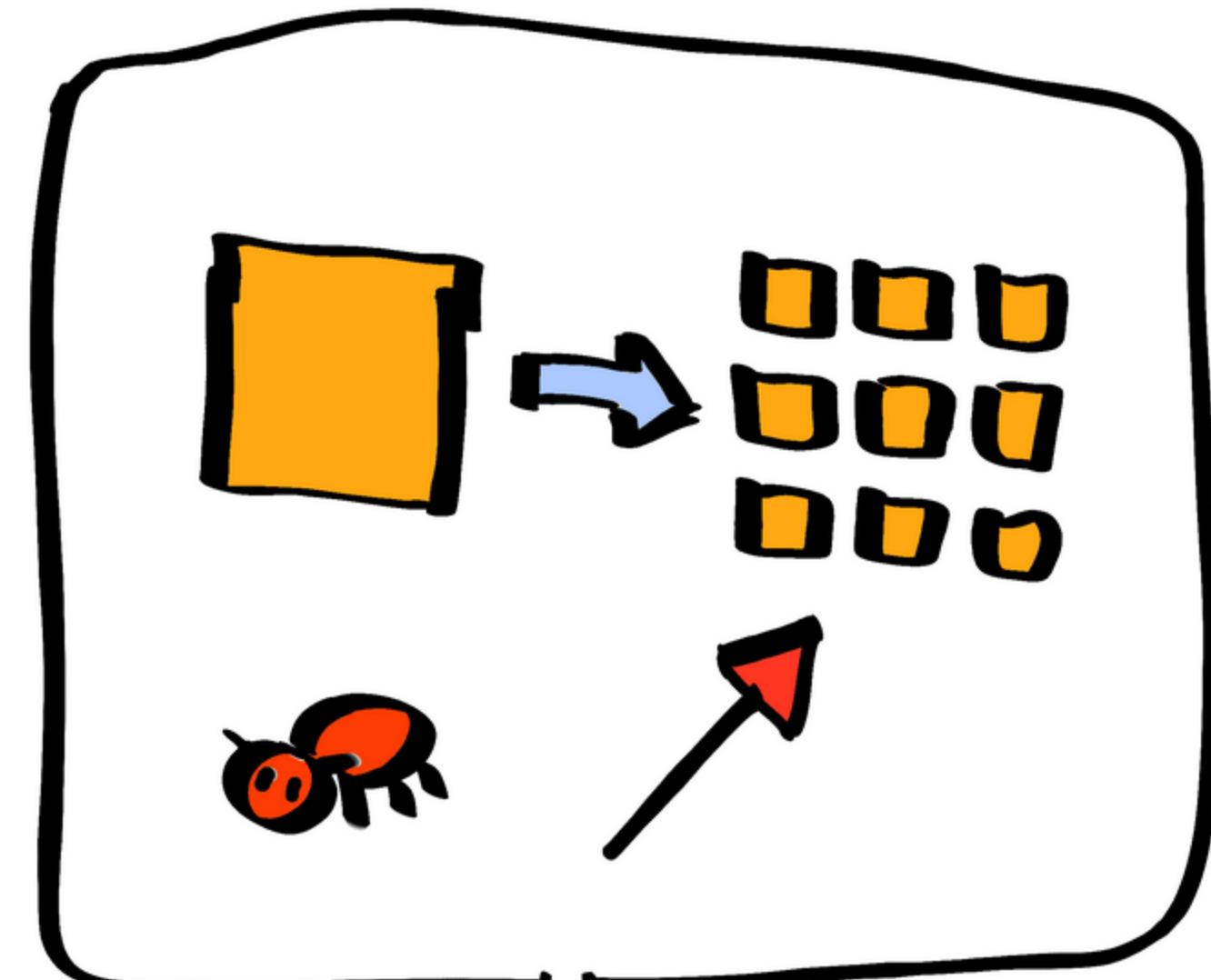
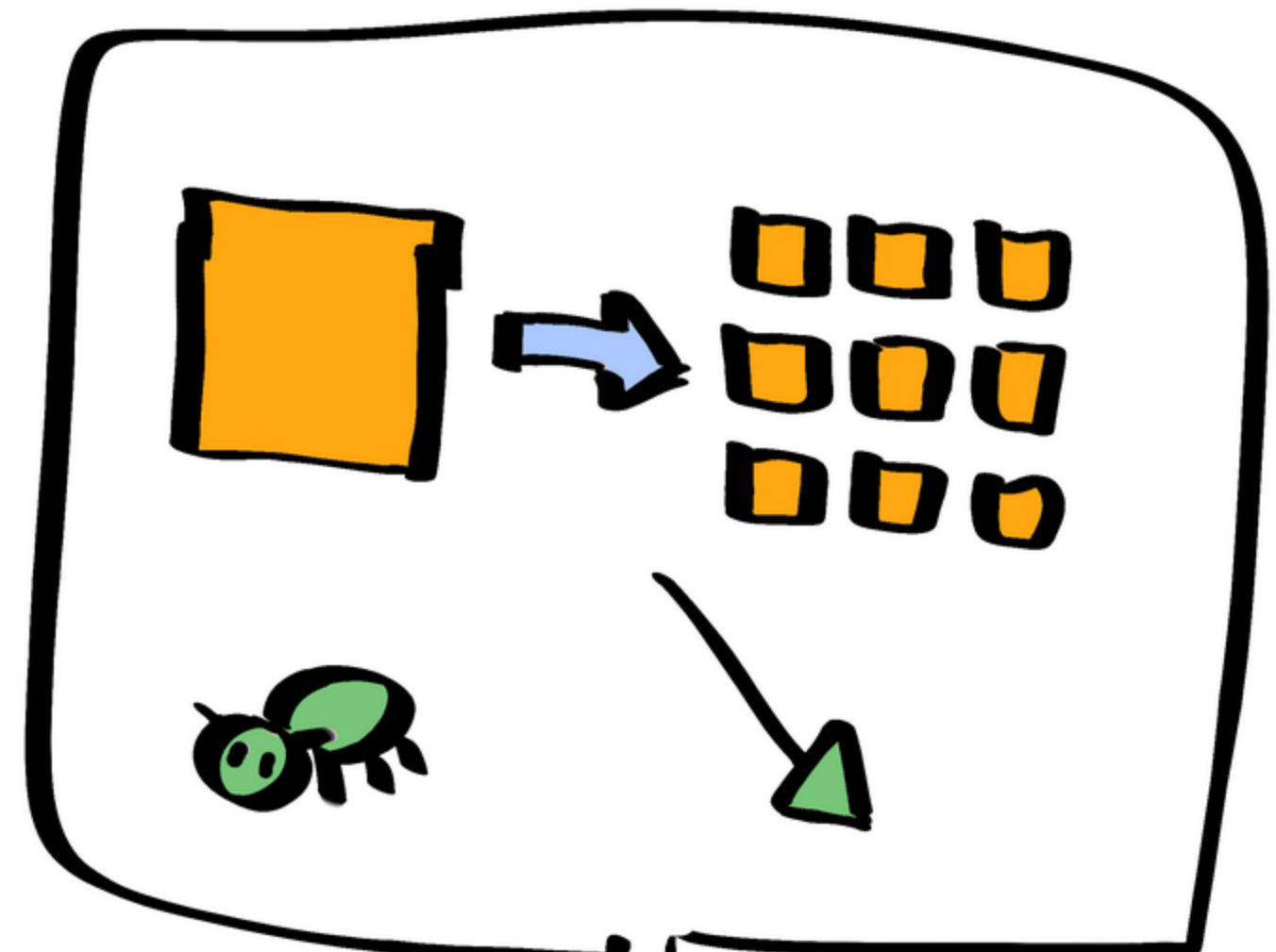
RESUMÉ DE  
L'ÉPISODE PRÉCÉDENT

ARTISANAT

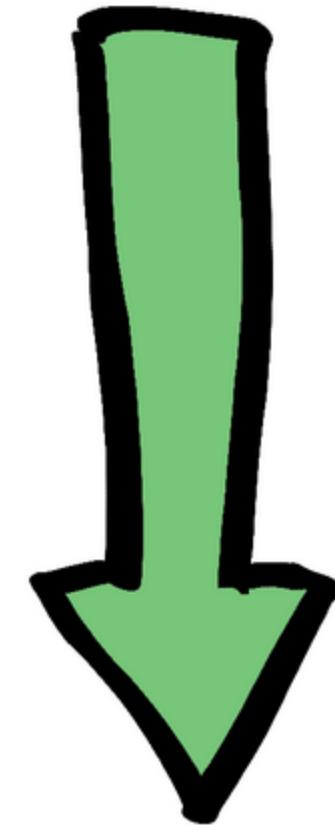
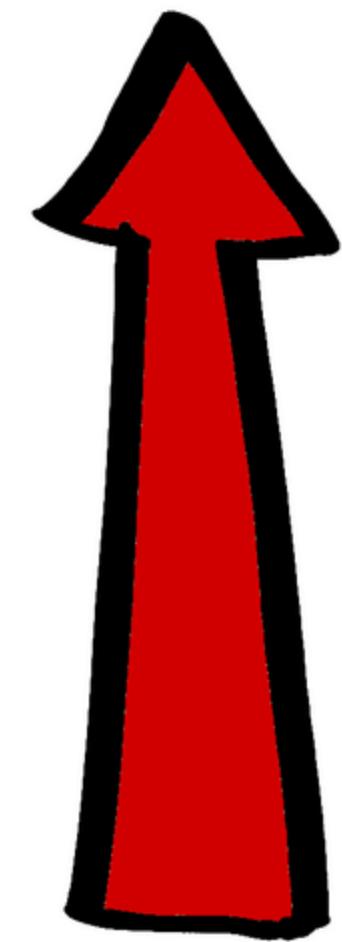
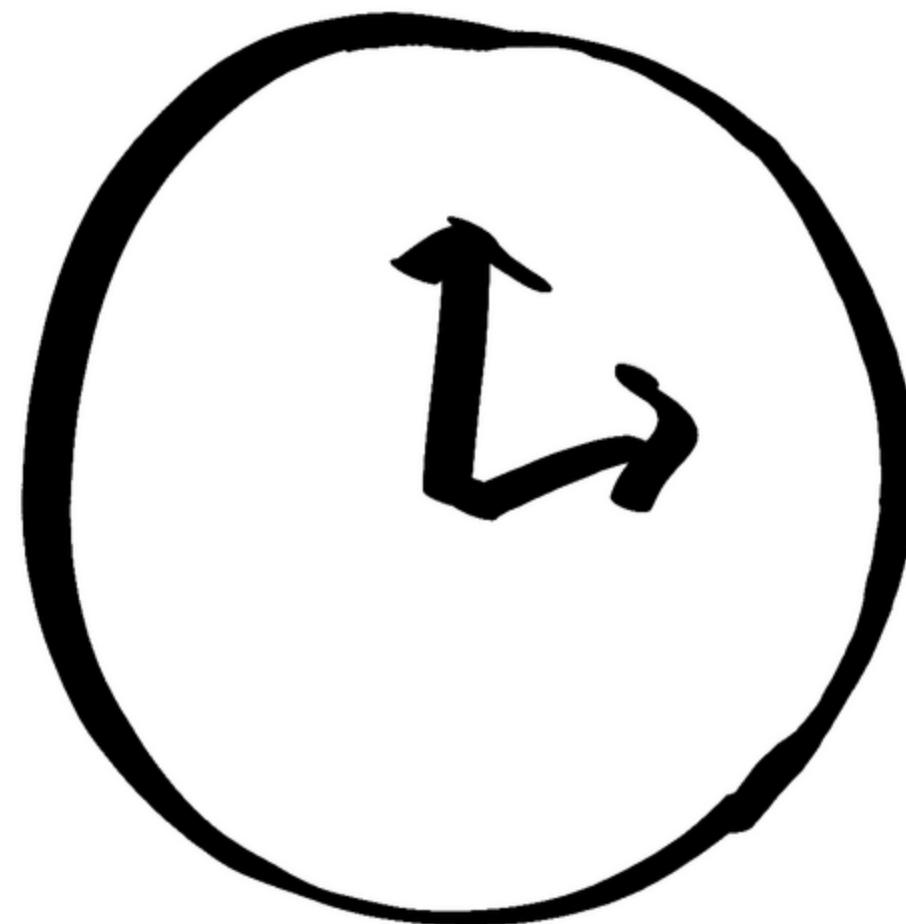
L'OGIEZ

UN TRÔN  
ZÉTÉTIQUE





TDD

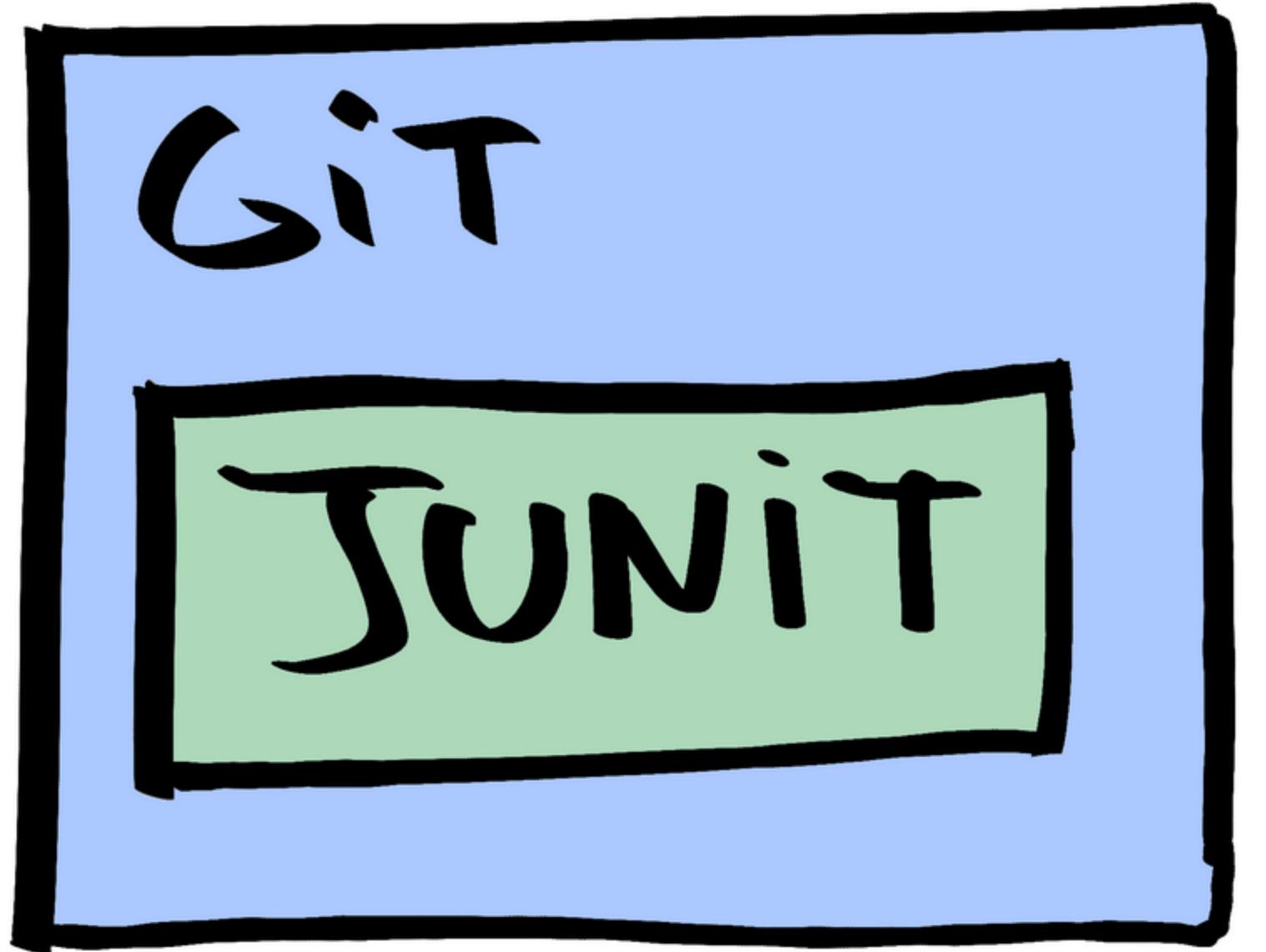


**WHY** RESEARCH  
ON TDD **IS** INCONCLUSIVE?

ANALYZING  
THE EFFECTS  
OF TODO  
in GitHub

256 572)

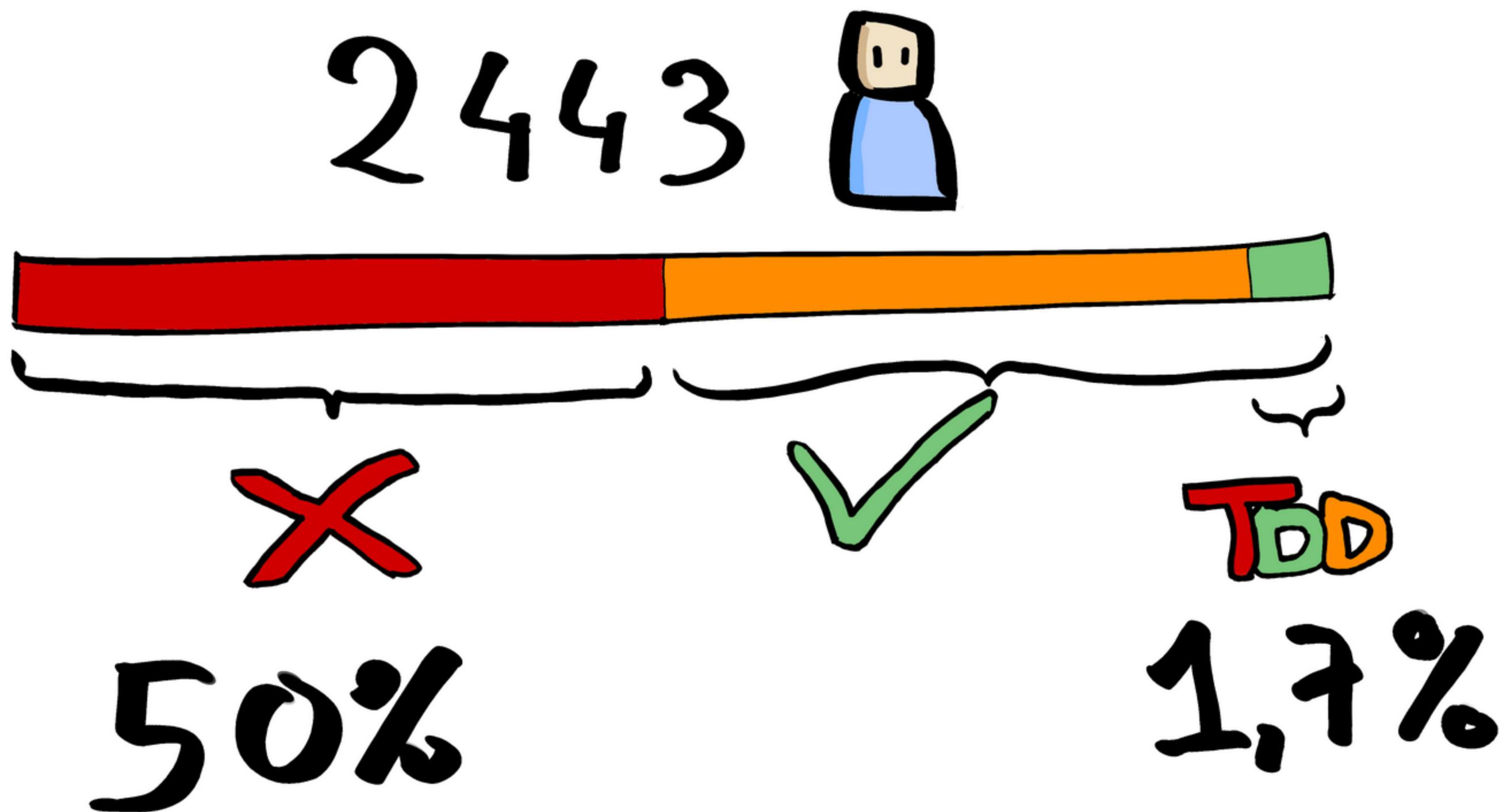
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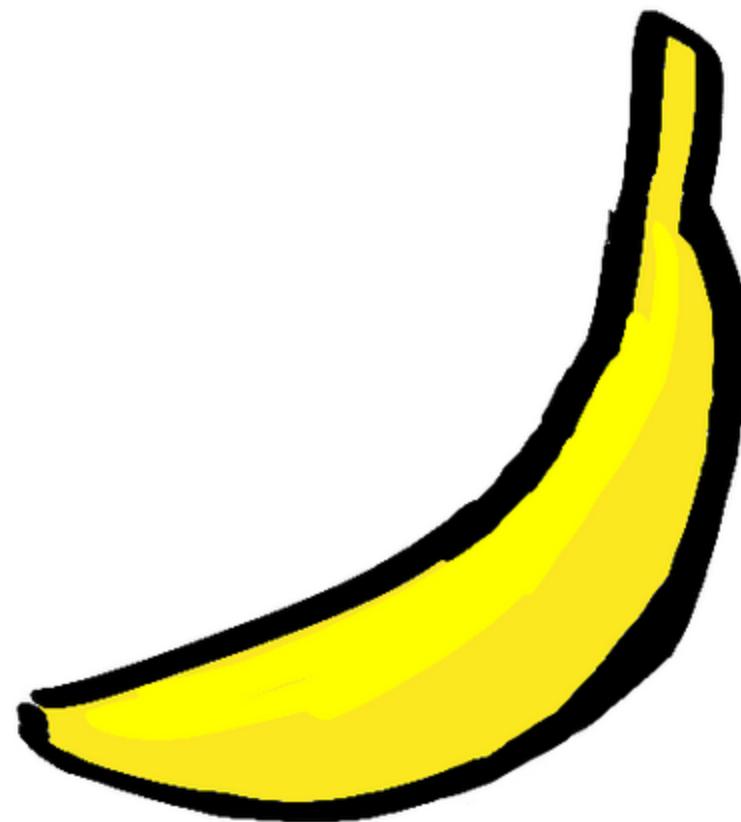
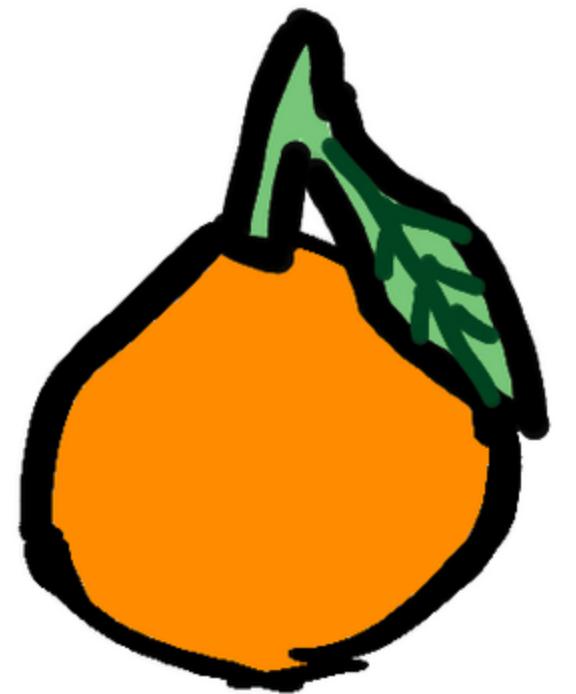
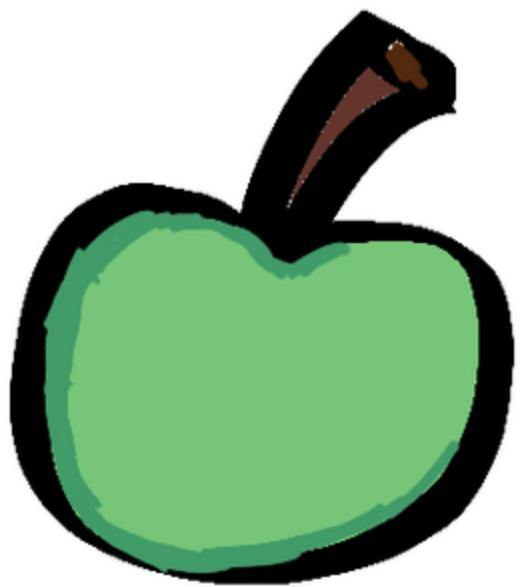
TDD  
0,8 %

DEVELOPER TESTING  
IN THE TIDE:  
PATTERNS,  
BELIEFS and  
BEHAVIORS

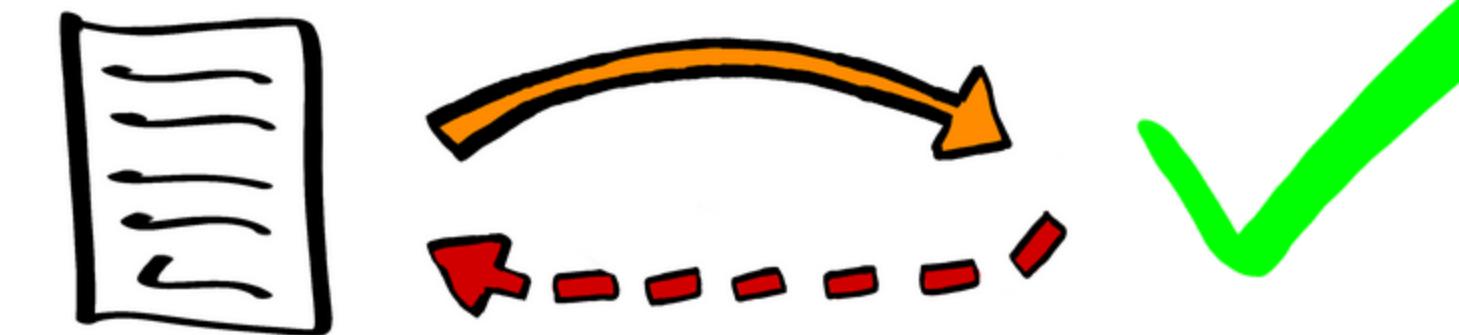
# Qui FAIT du TDD ?



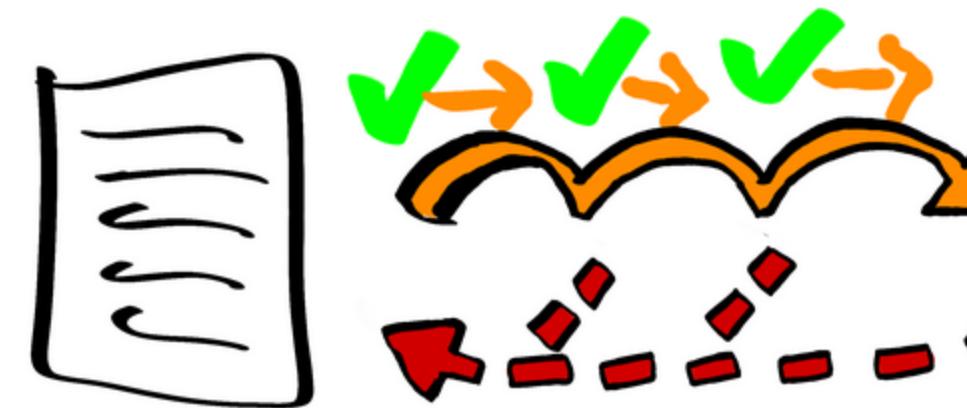
# ETAT DE L'ART



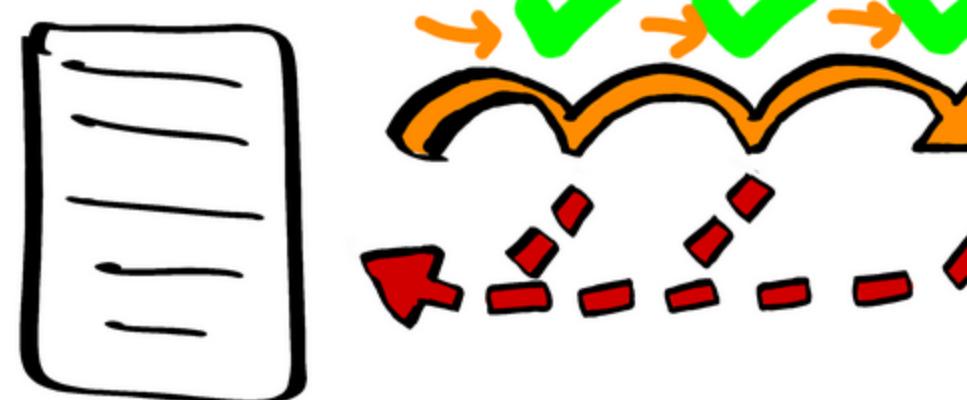
**WATERFALL**



**TDD**



**ITL**



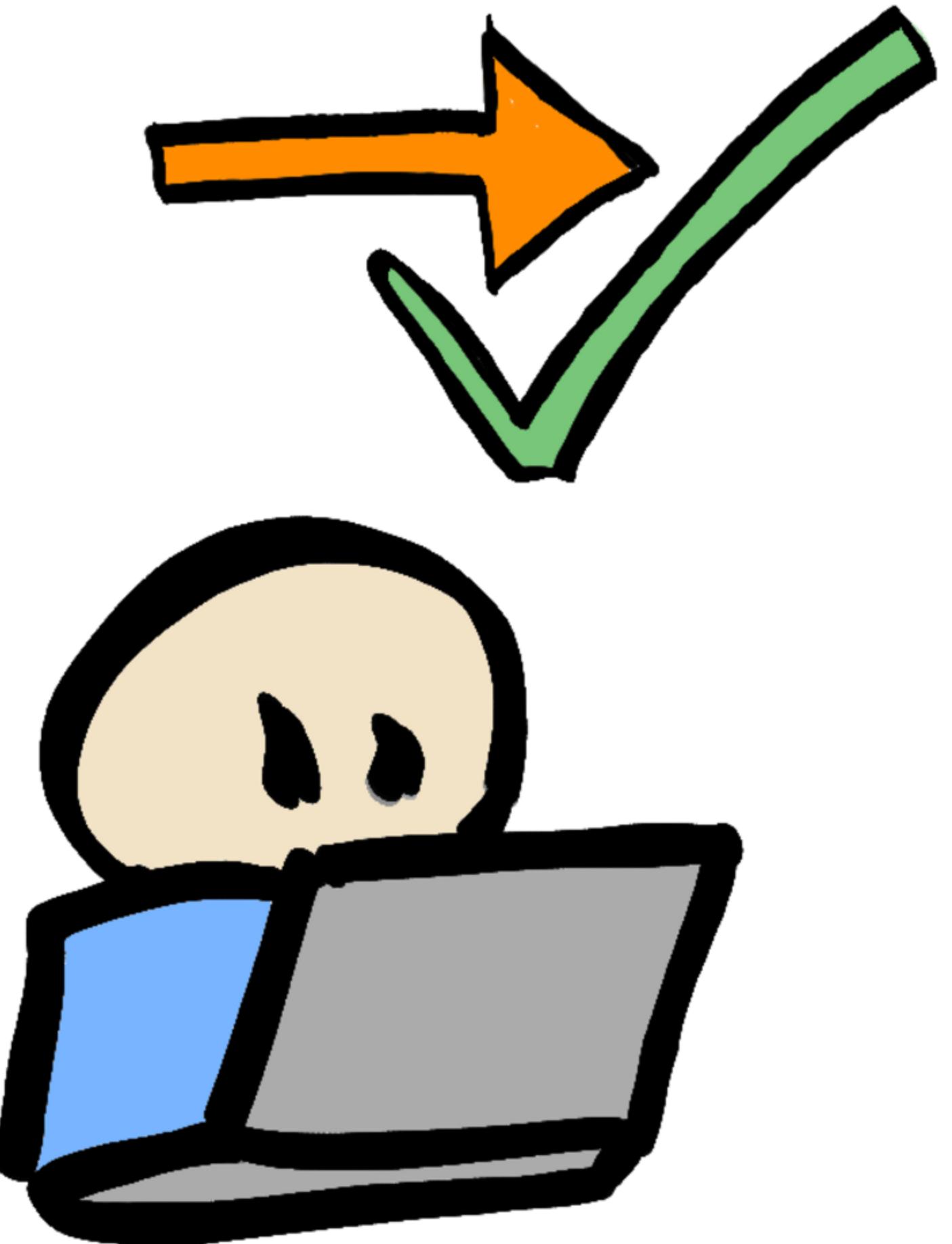
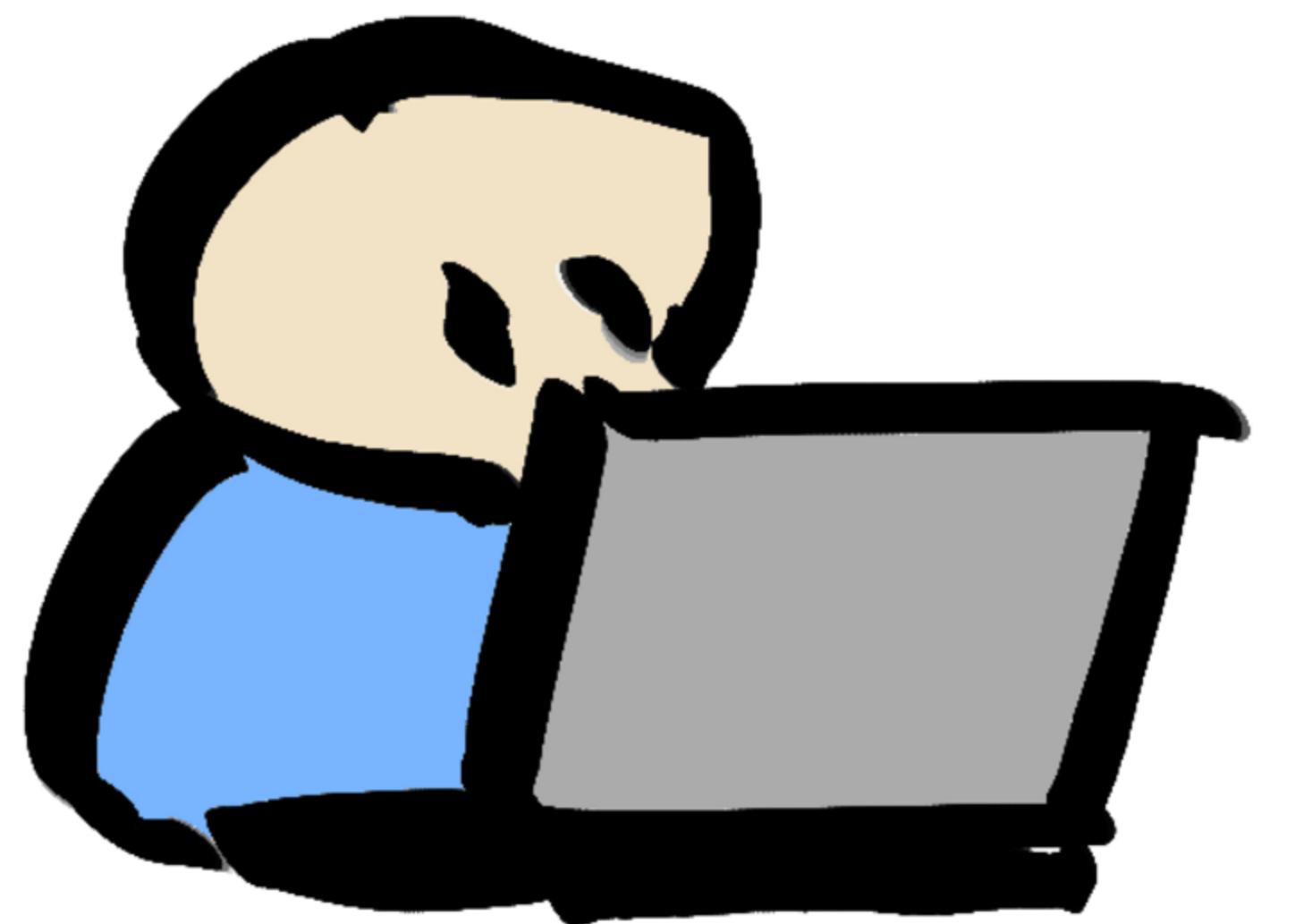
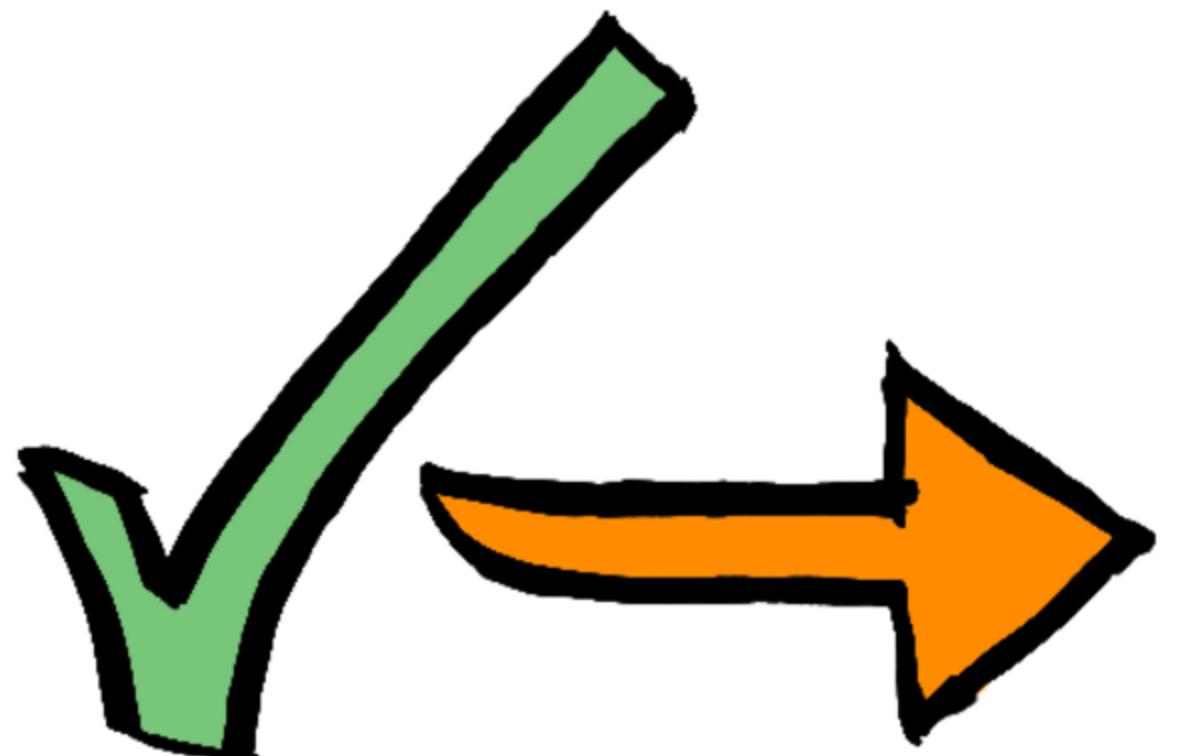
**ITERATIVE TEST LAST**

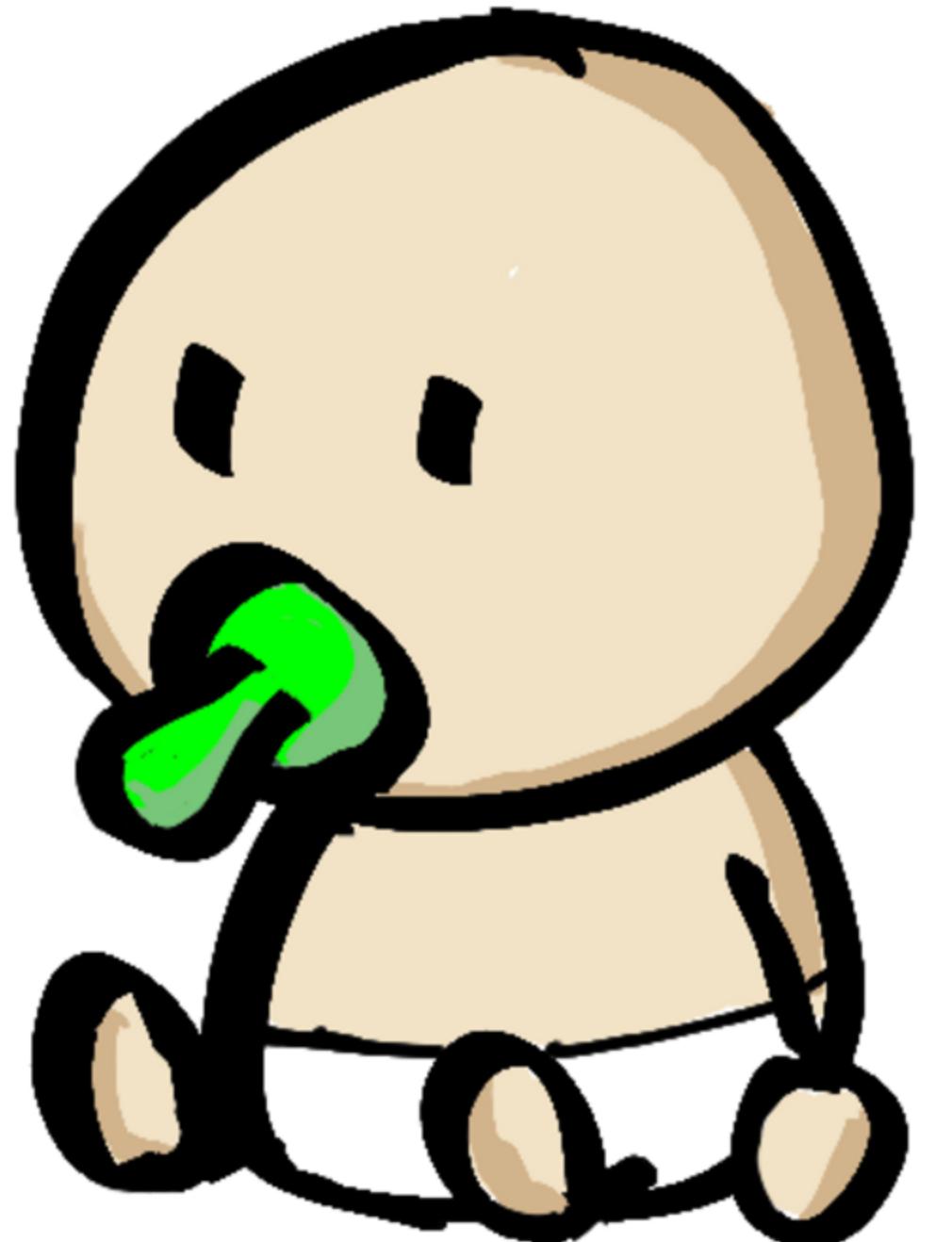
2021

**A FAMILY  
OF EXPERIMENTS  
ON TDD**

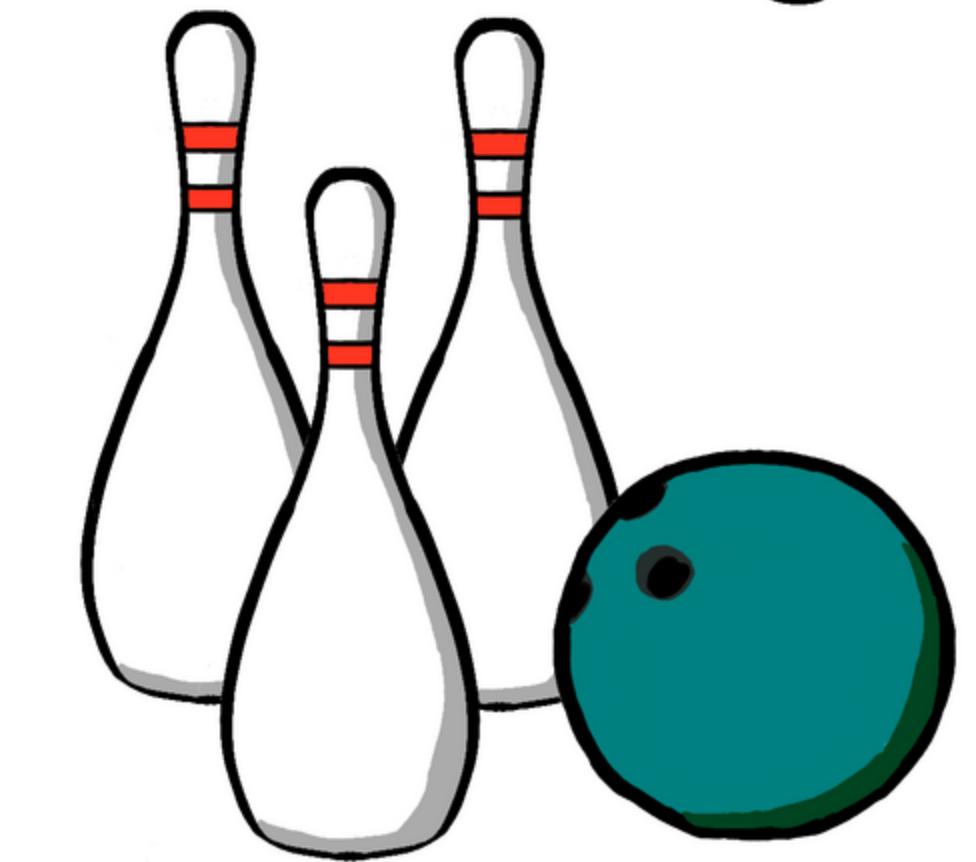
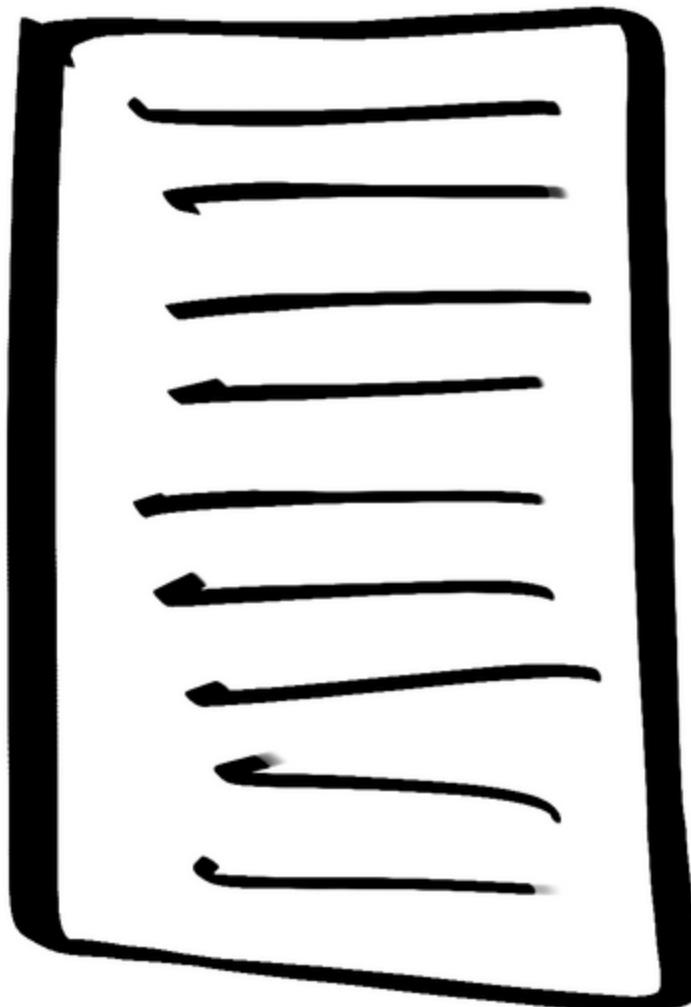
TDD vs STTLL



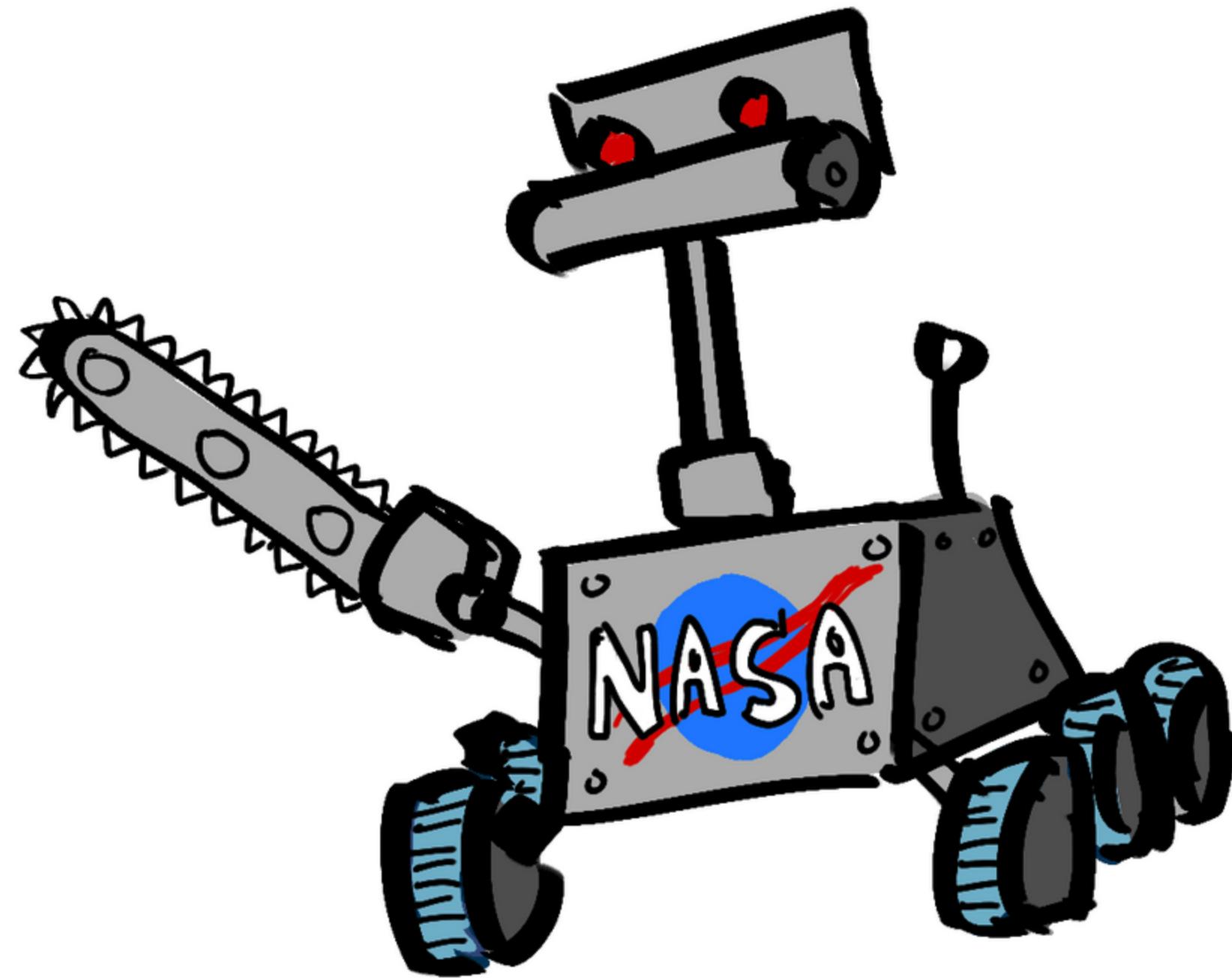
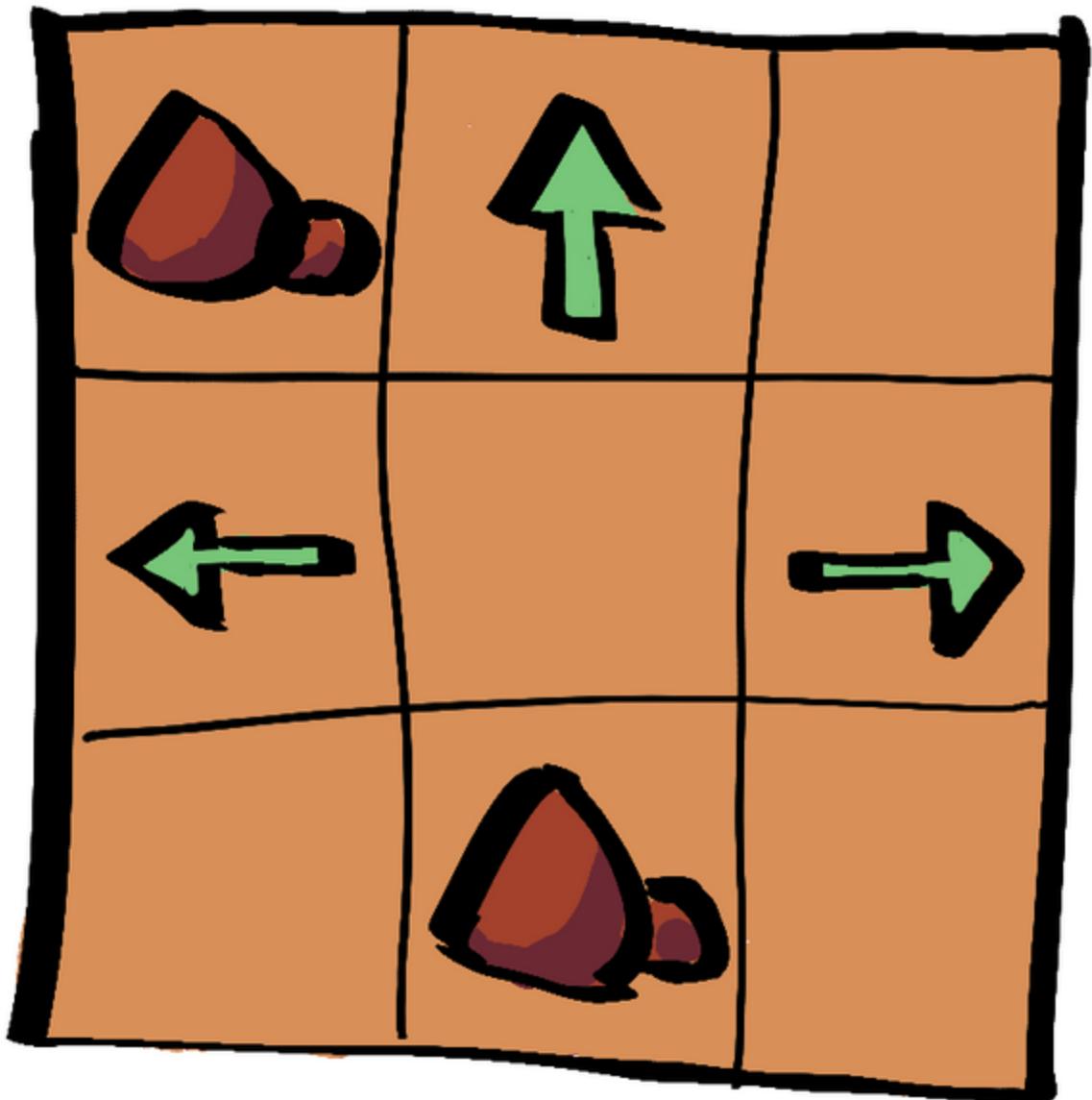




# Bowling Kata



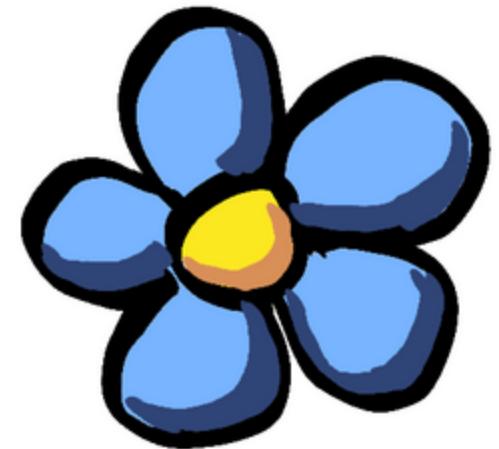
# MARS ROVER



# QUALITÉ

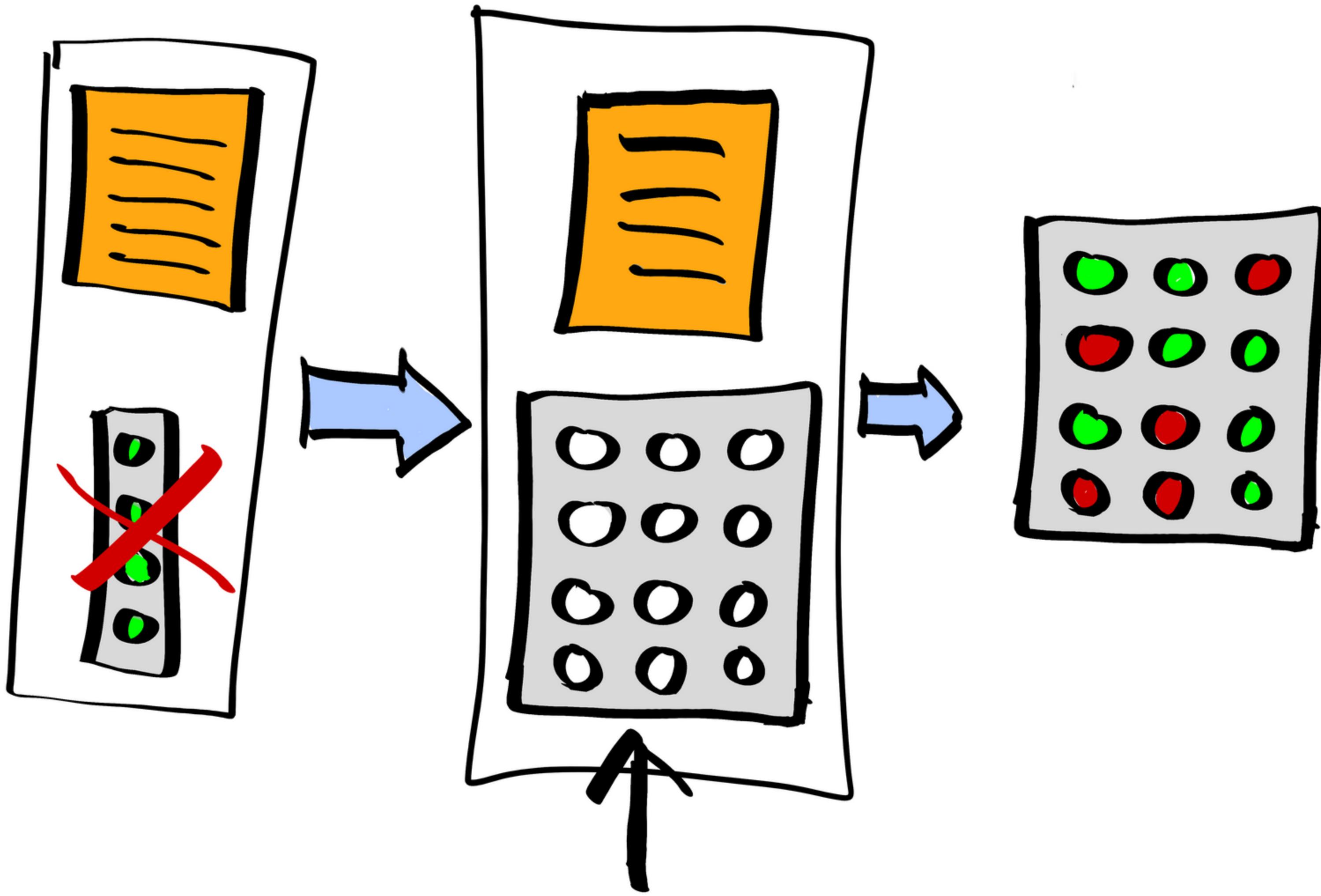


## INTERNE

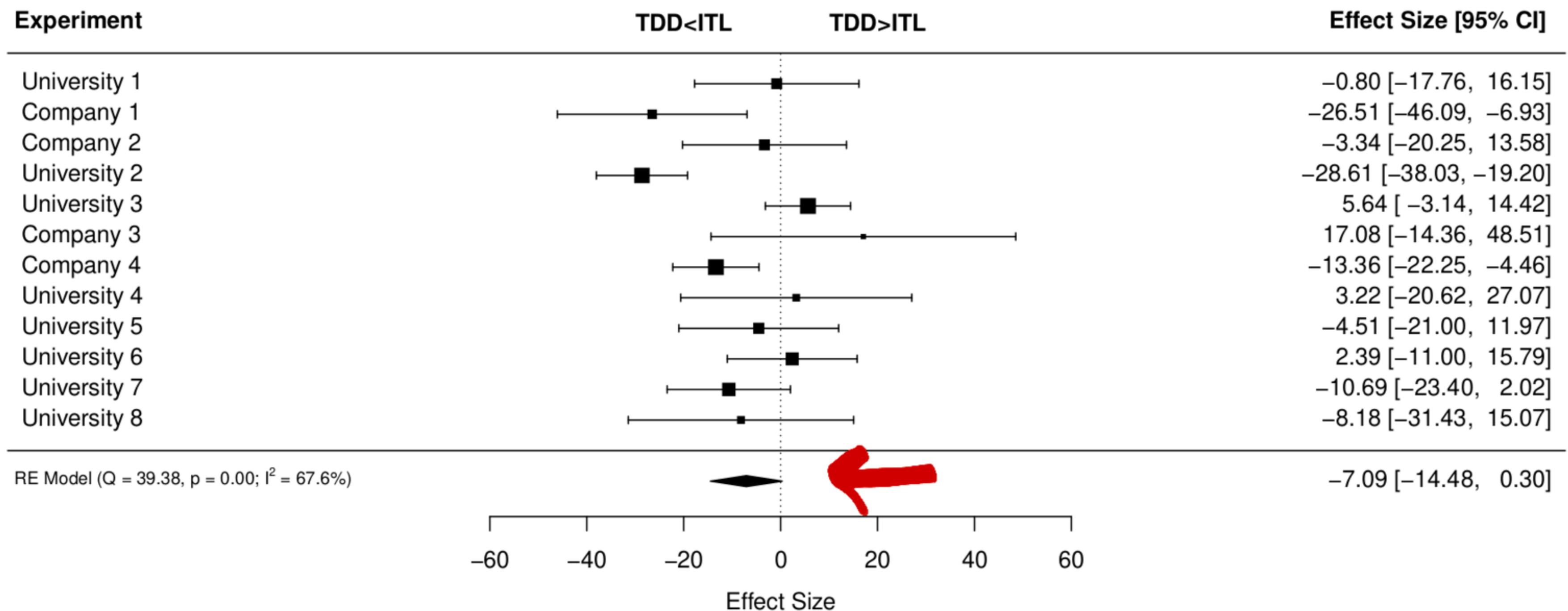


## EXTERNE





**Fig. 4** Forest plot: TDD vs. ITL mean effects.



**Table 9** Marginal means for quality: task by treatment.

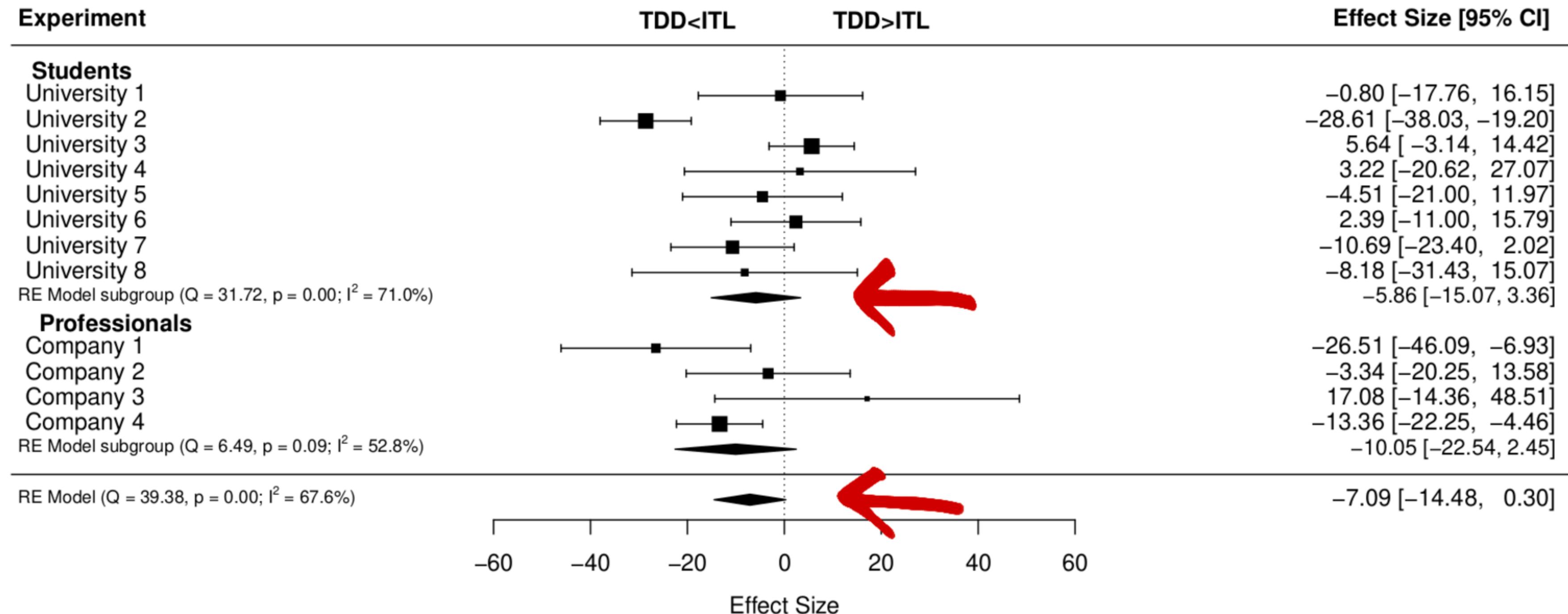
Task	Treatment	Estimate
MR	ITL	29.36
	TDD	24.95
BSK	ITL	49.22
	TDD	46.46

% TESTS  
OK

**Table 13** Marginal means for quality: programming environment by treatment.

Treatment	Group	Estimate
ITL	Java	43.83
	C#/C++	41.25
TDD	Java	35.77
	C#/C++	37.55

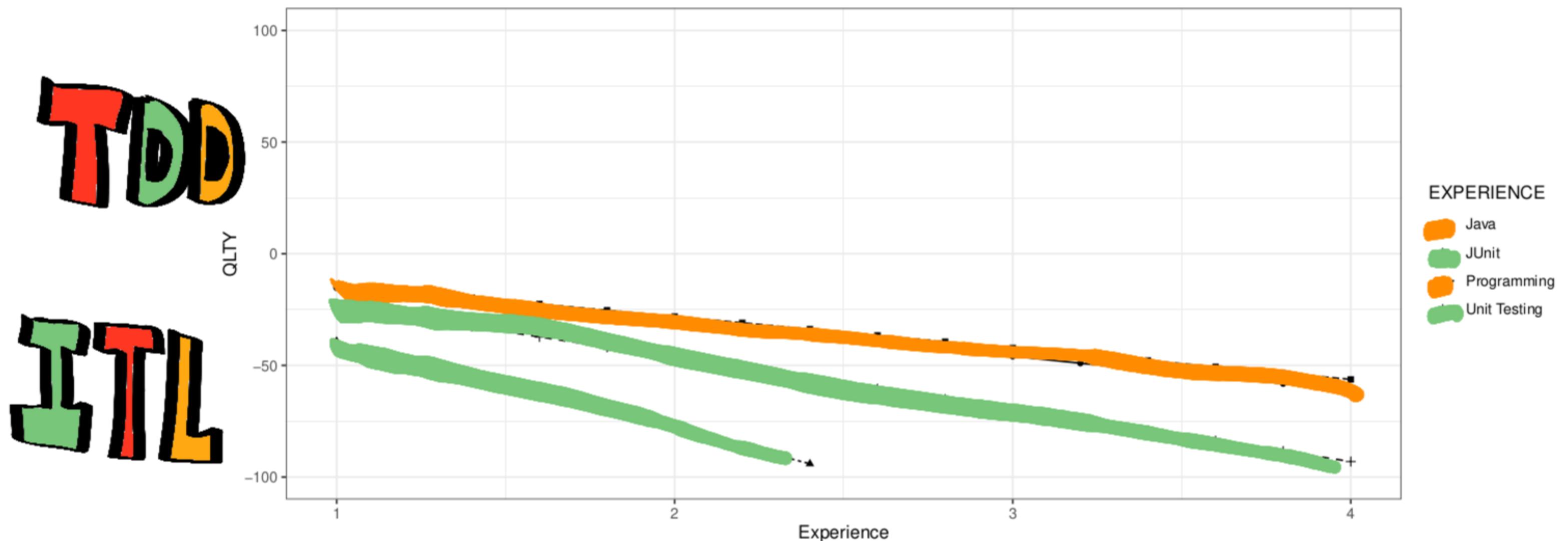
**Fig. 5** Forest plot: students vs. professionals



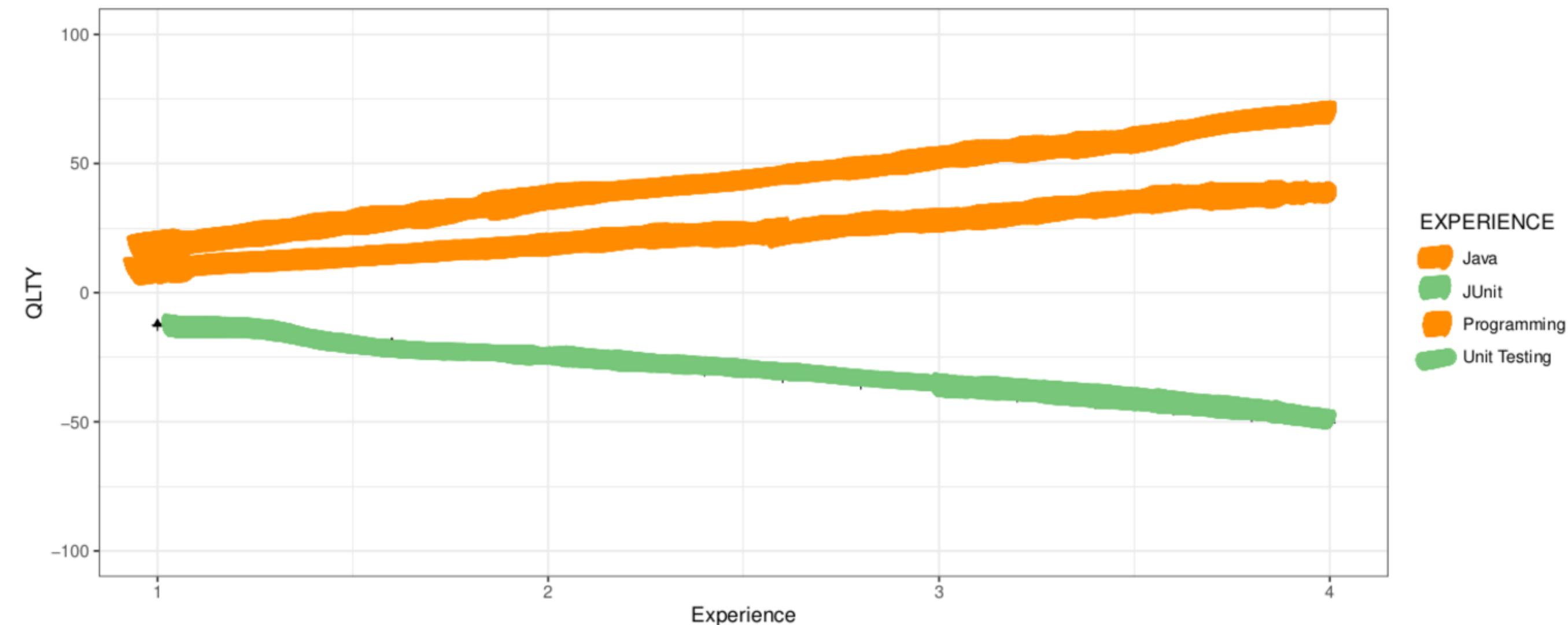
**Table 11** Marginal means for quality: participant type by treatment.

Treatment	Group	Estimate
ITL	Students	40.47
	Professionals	49.53
TDD	Students	35.61
	Professionals	38.26

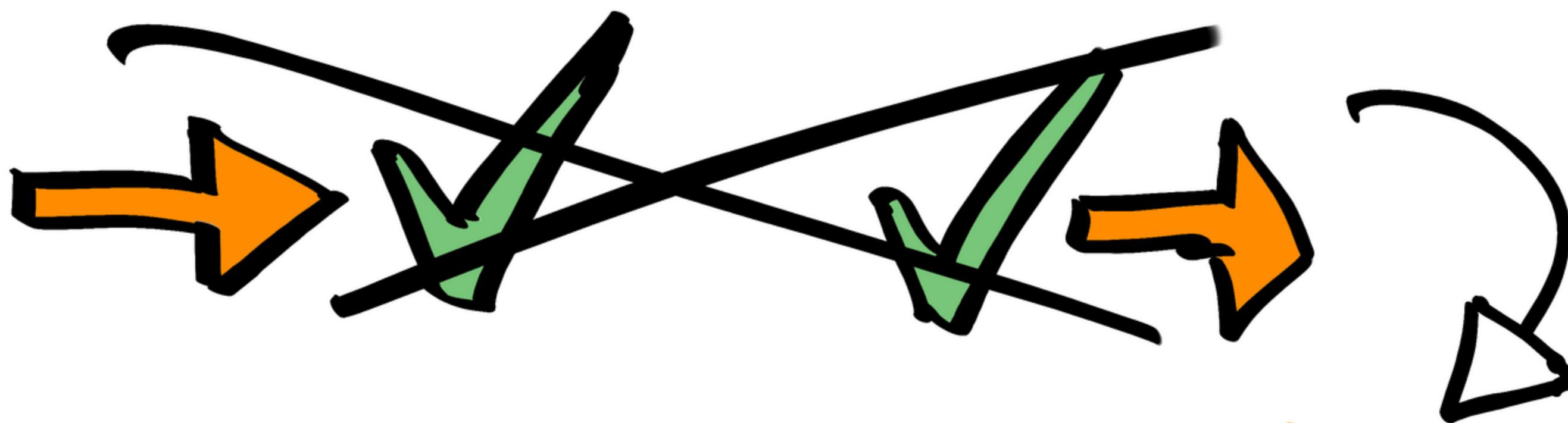
**Fig. 10** Profile plot: mean difference in quality (TDD-ITL) for professionals per experience level in Questionnaire 2.



**Fig. 11** Profile plot: mean difference in quality (TDD-ITL) for students per experience level in Questionnaire 1.

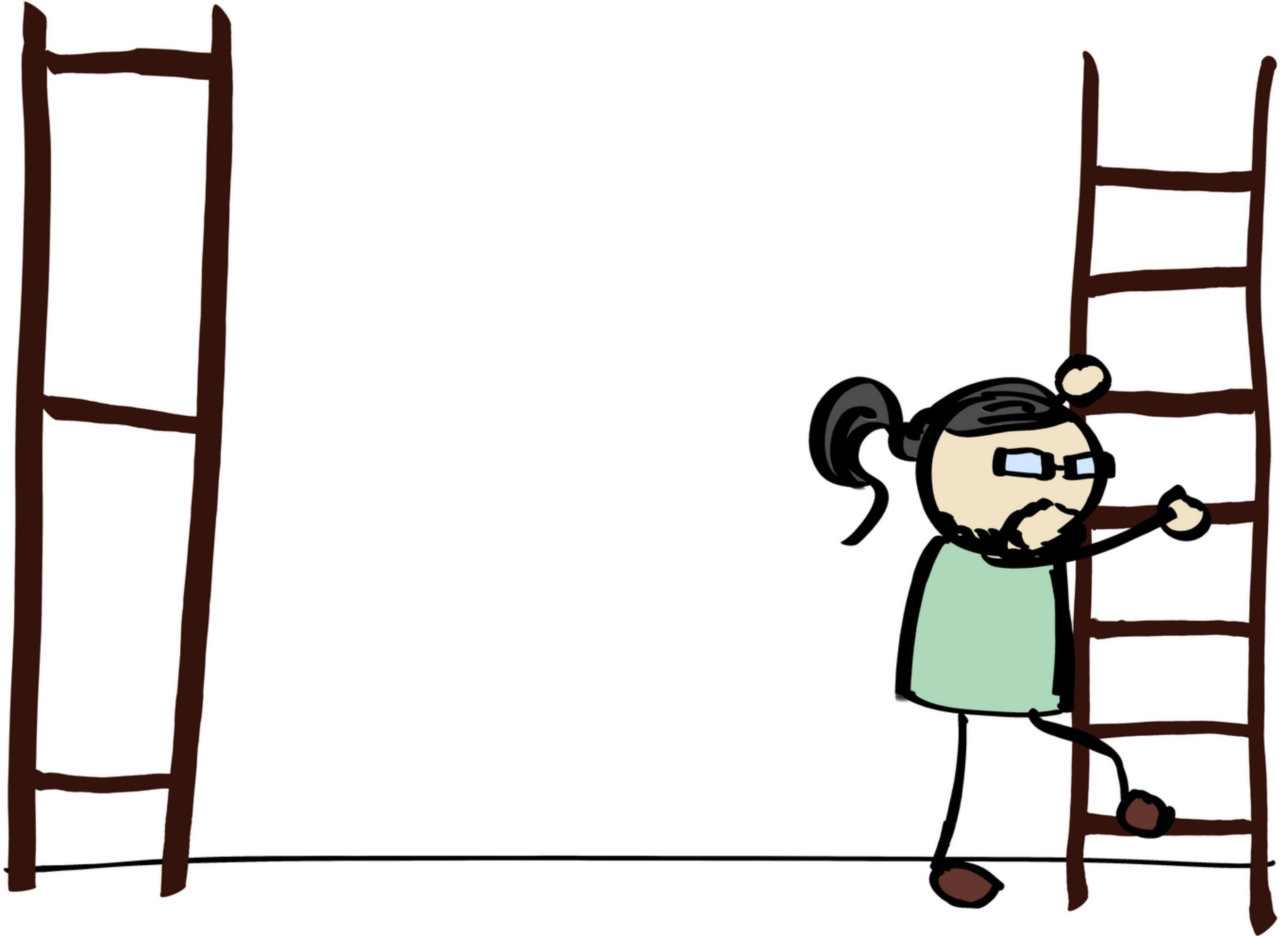


The logo consists of the letters 'TTDI' in a bold, blocky font. The 'T' is red, the 'T' is green, the 'D' is green, and the 'I' is orange. A black outline surrounds the entire word. To the right of the 'I', there is a small, hand-drawn style heart symbol consisting of two curved lines meeting at a point.



A decorative horizontal bar consisting of three main elements: a red arrow pointing right, followed by several yellow wavy lines, and a black and orange arrowhead pointing right.

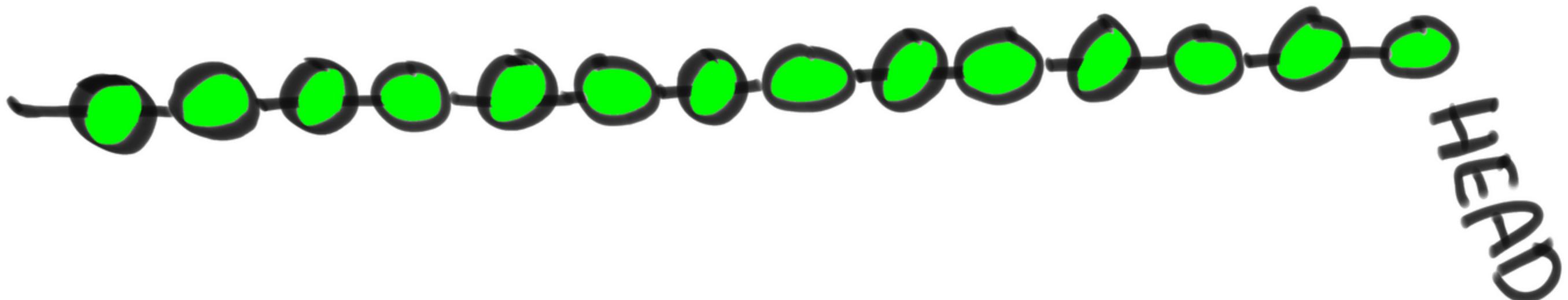




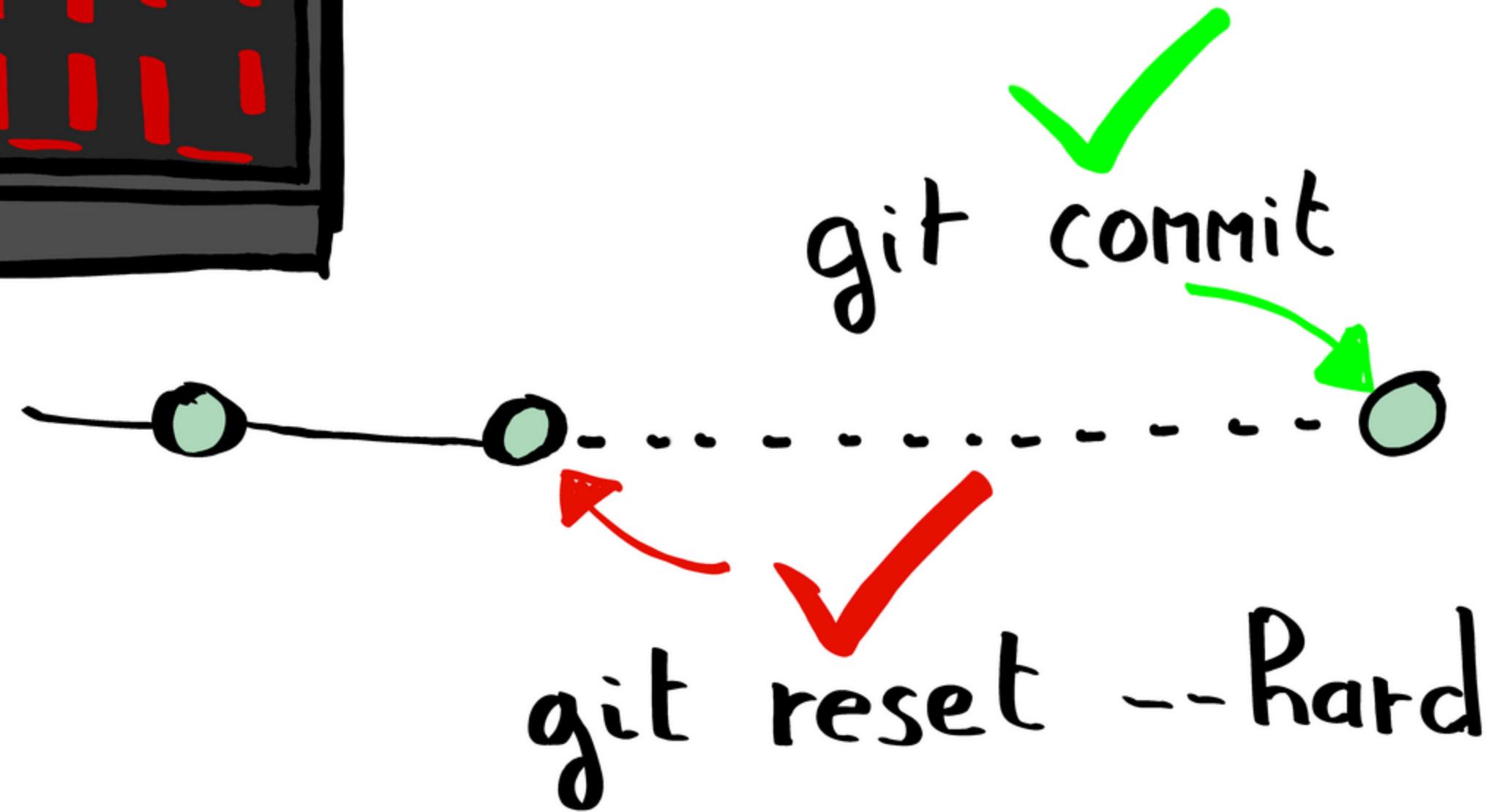
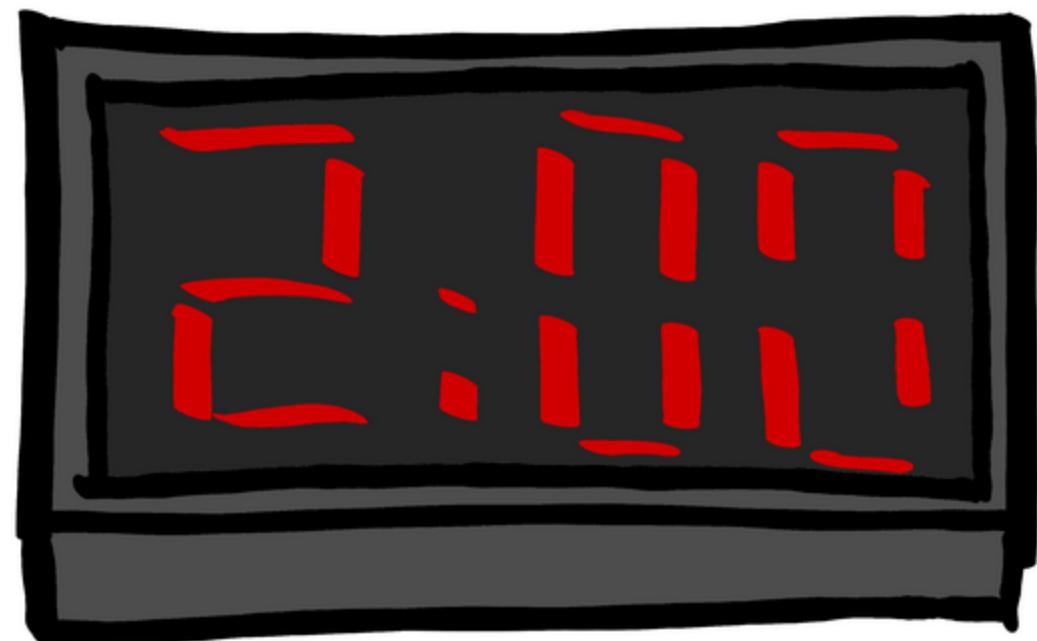
Comment  
TRAVAILLER  
L'INTERACTIVITÉ ?

# BABY STEPS PUSH CHALLENGE

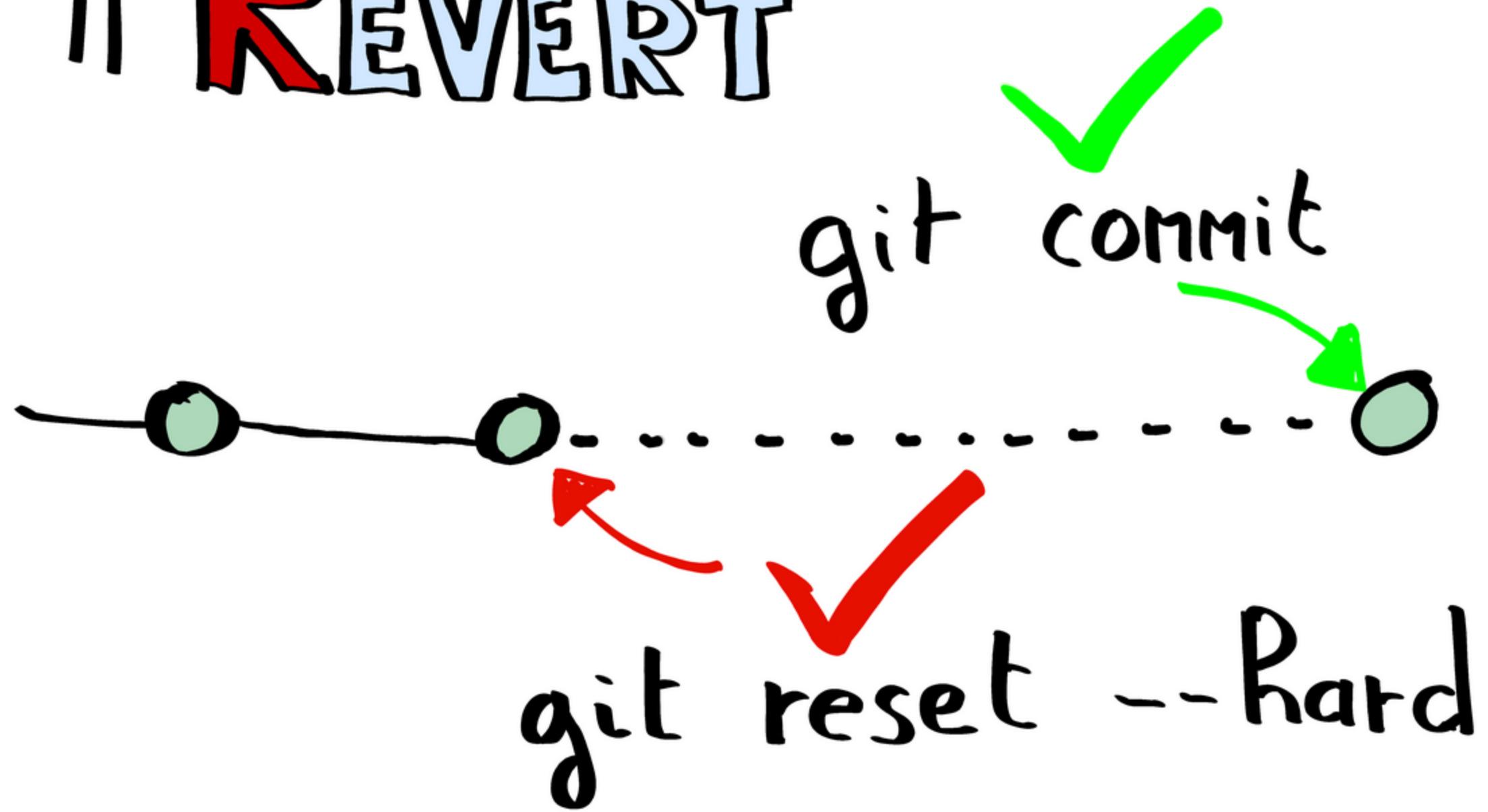
by Peter Kofler

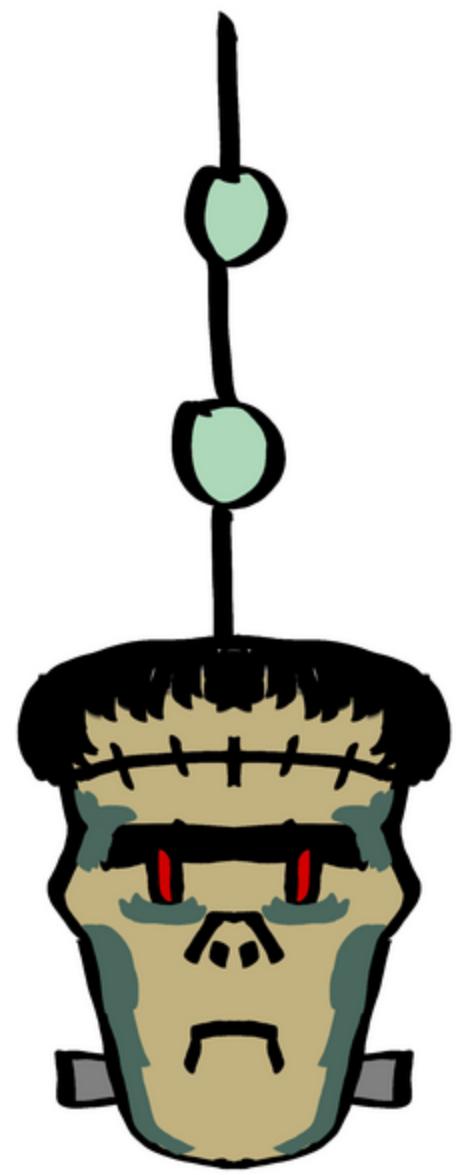


# BABY STEPS

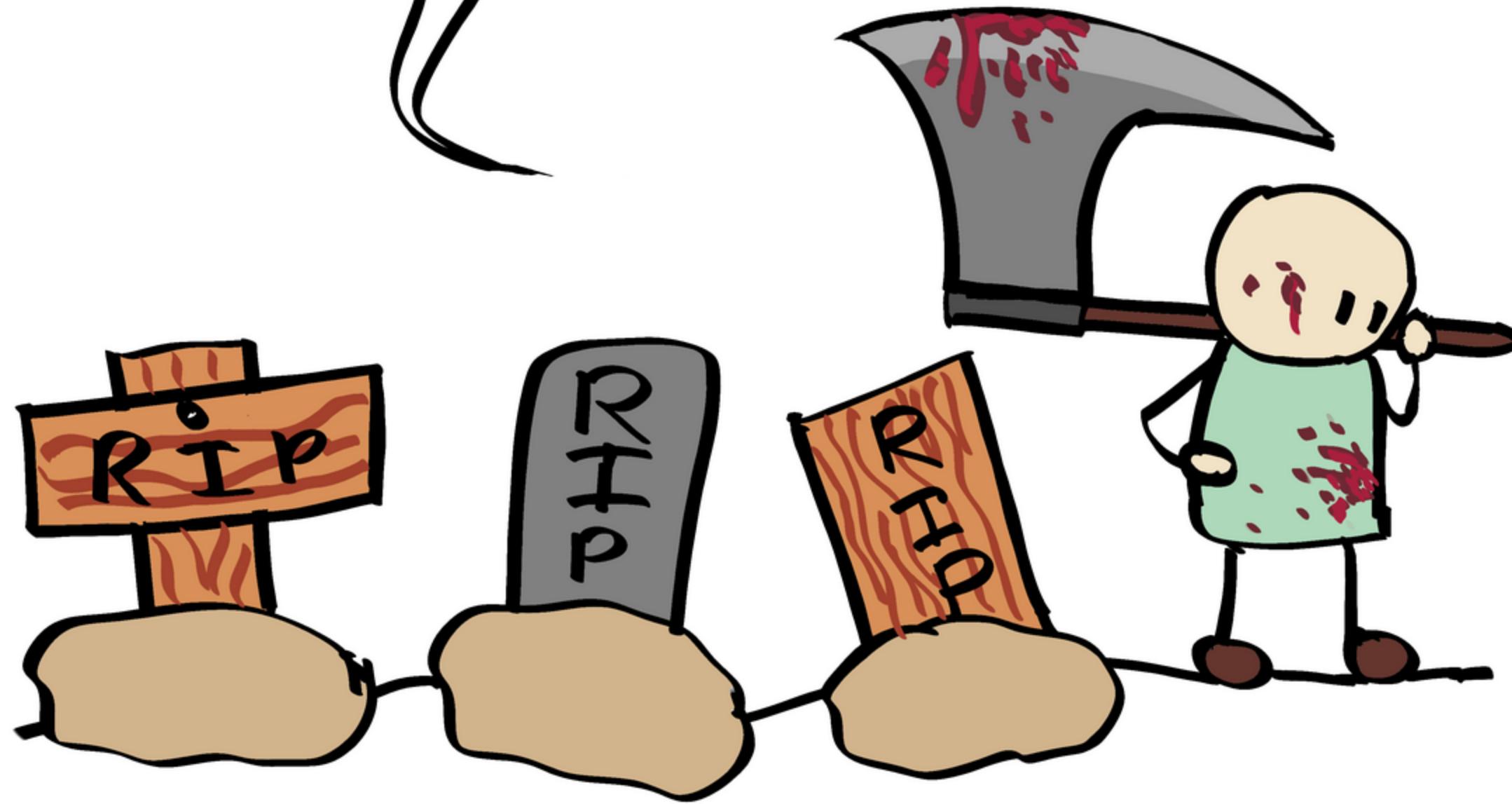


TEST  
|| COMMIT  
|| REVERT

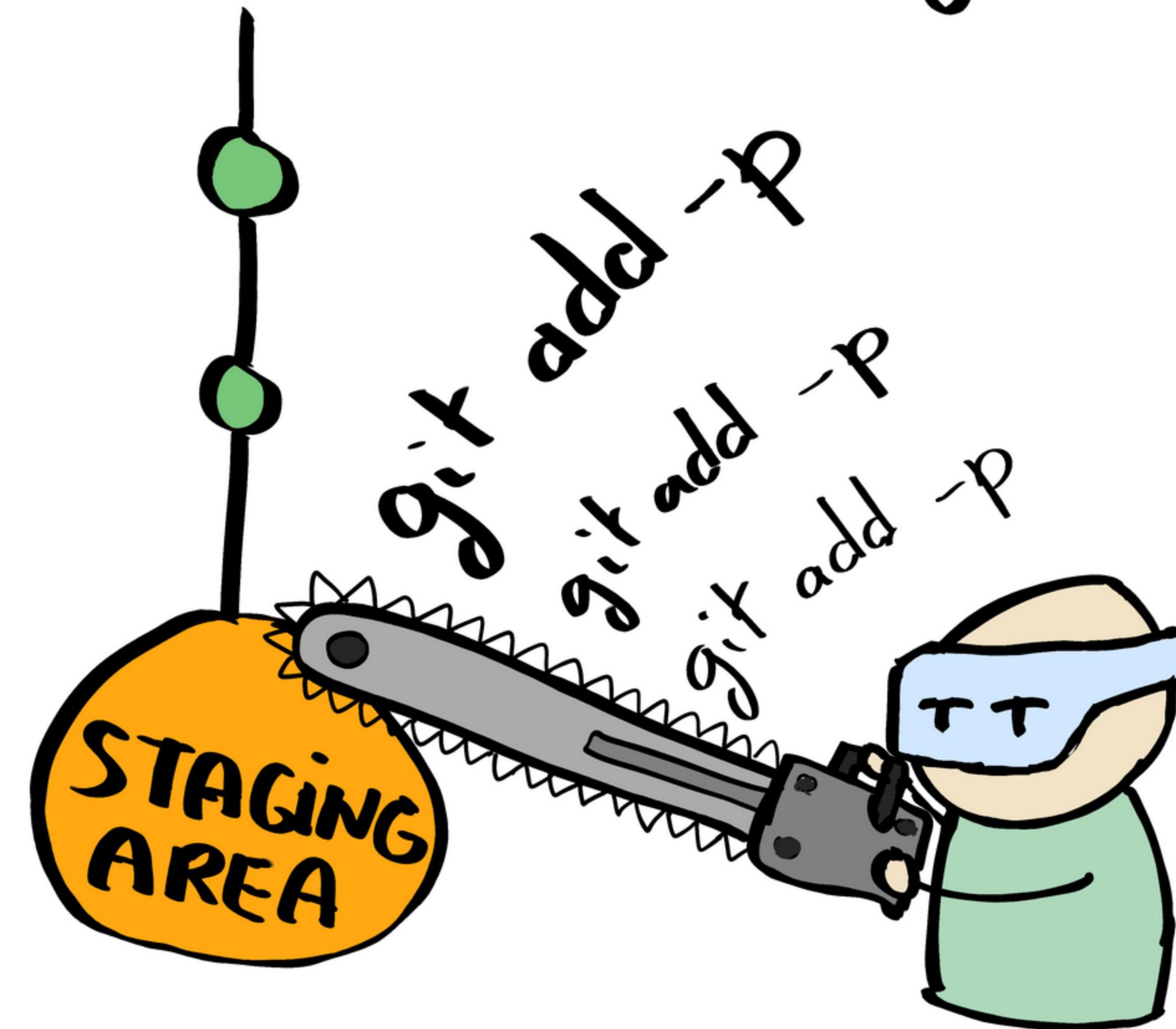


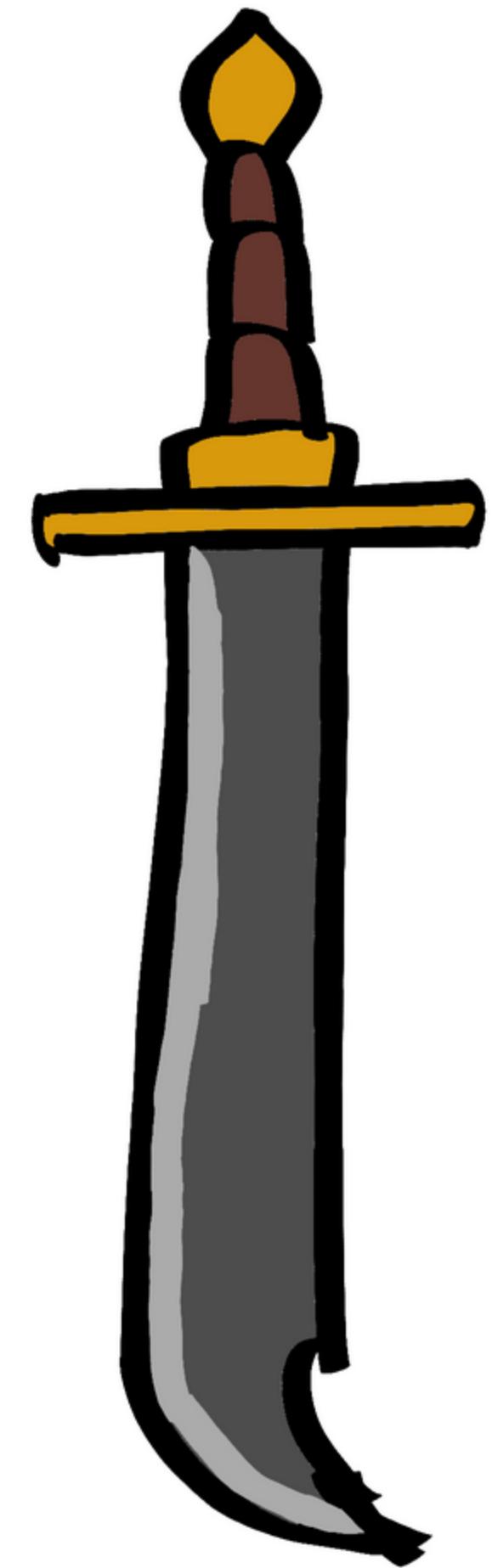
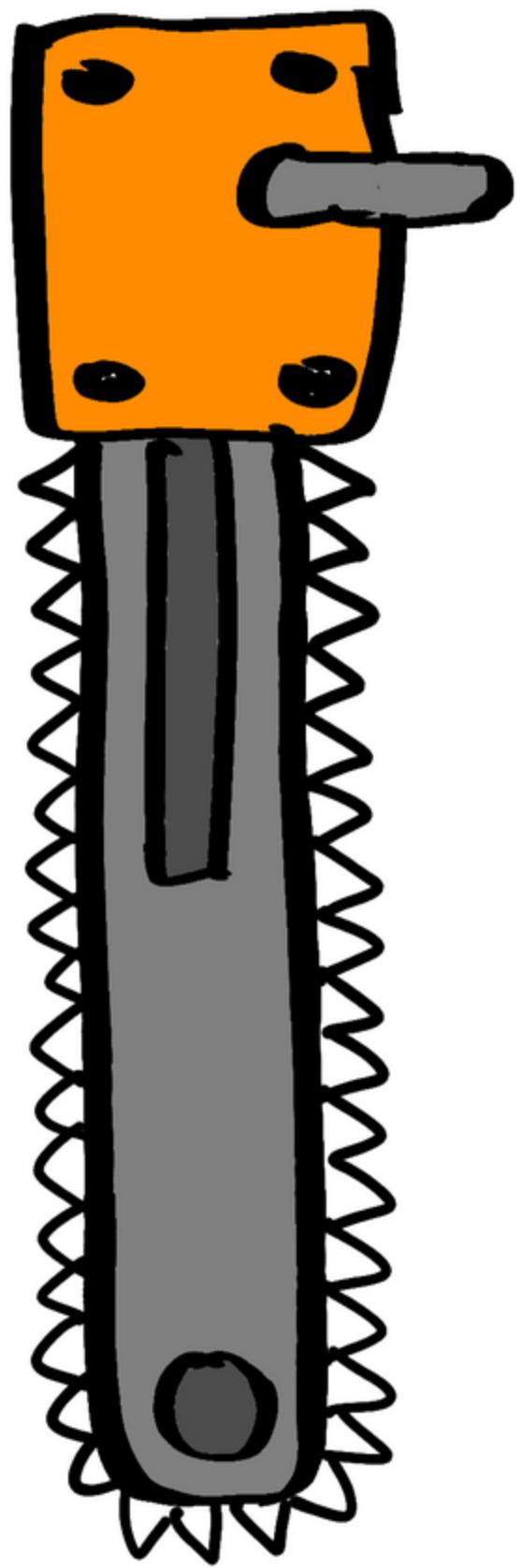
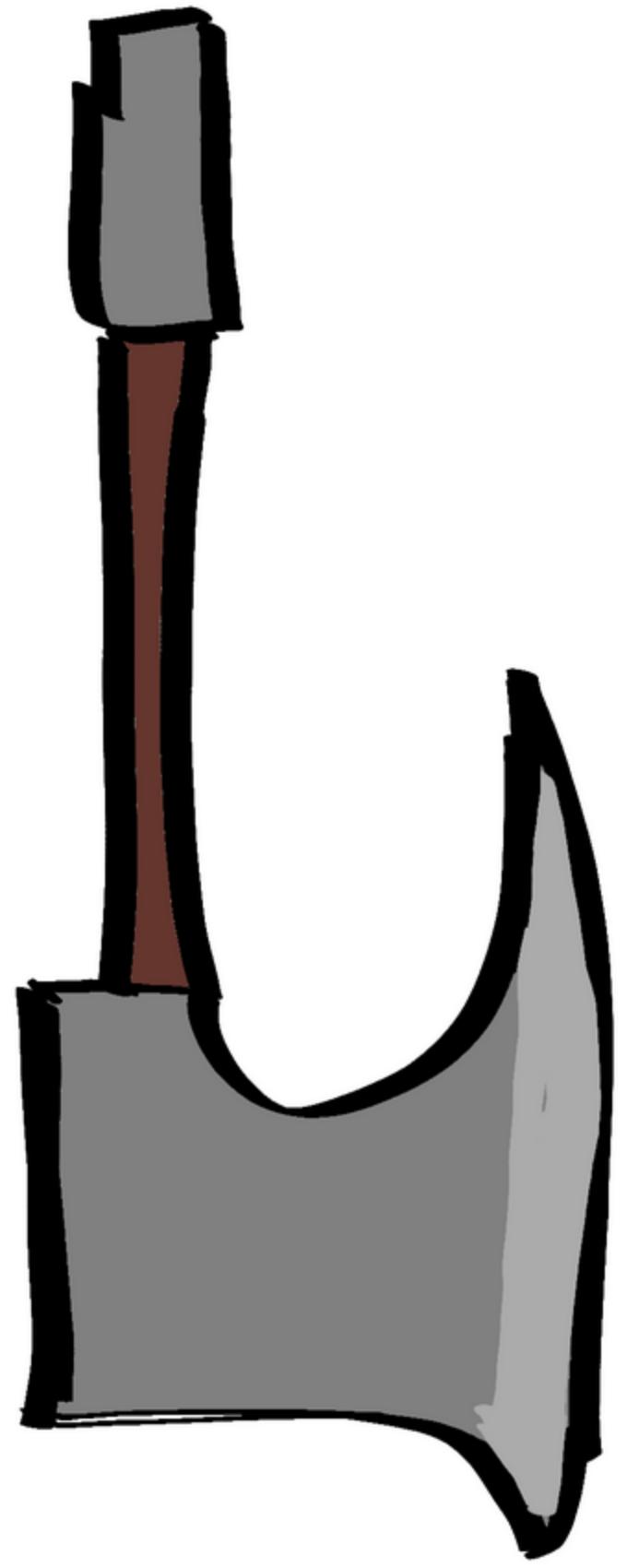


ET VOILÀ,  
TOUT BEAU ET  
PROPRE..



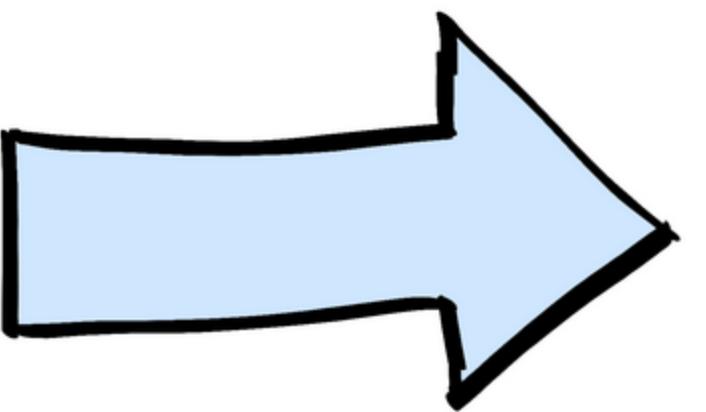
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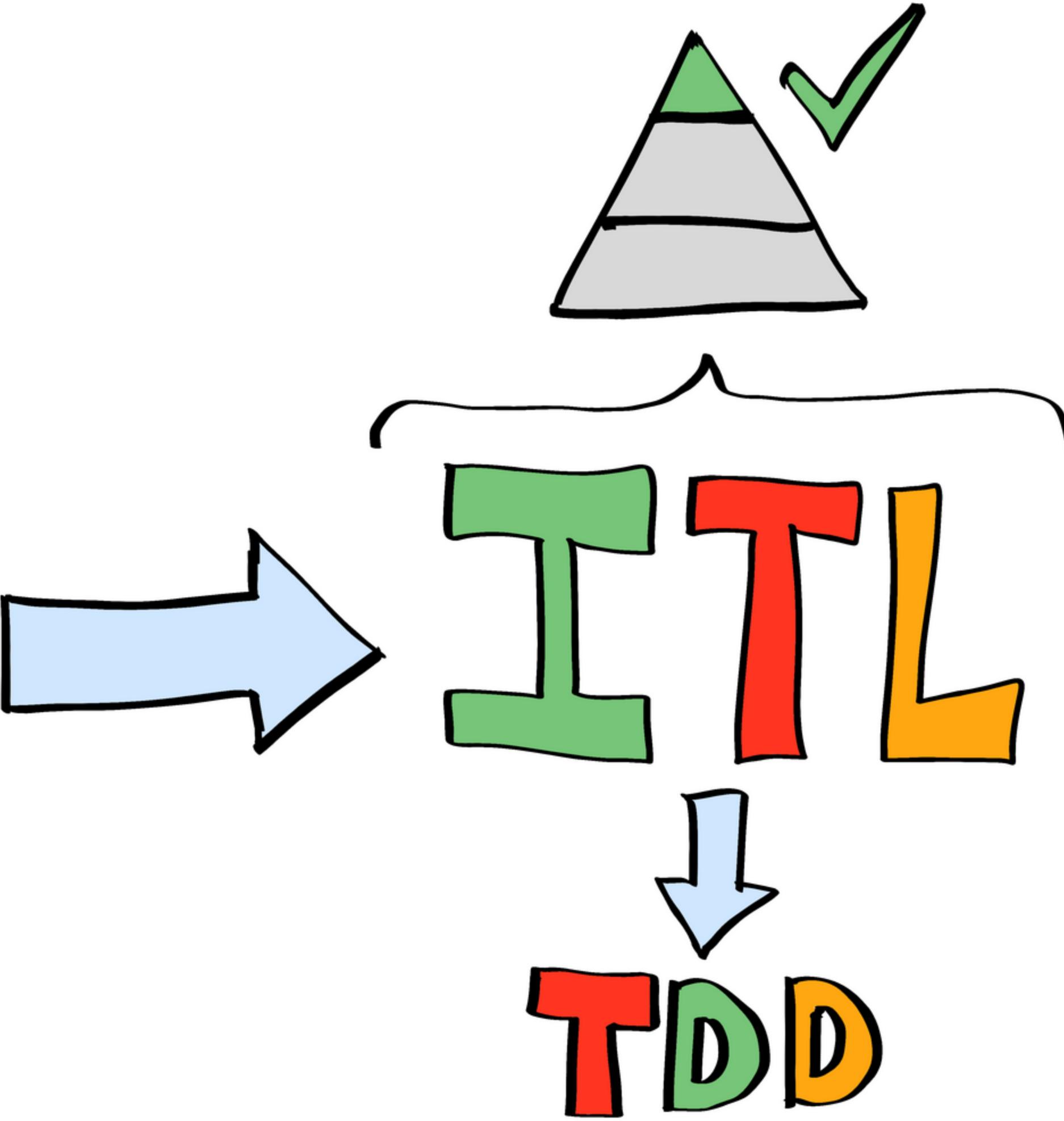
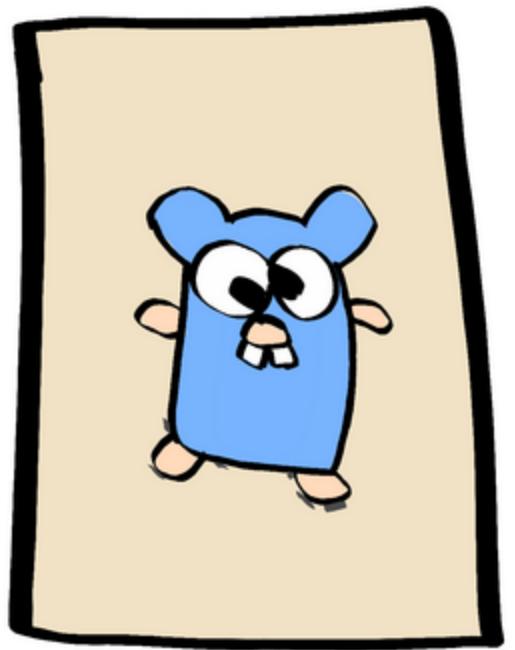


# MES PRATiQUES



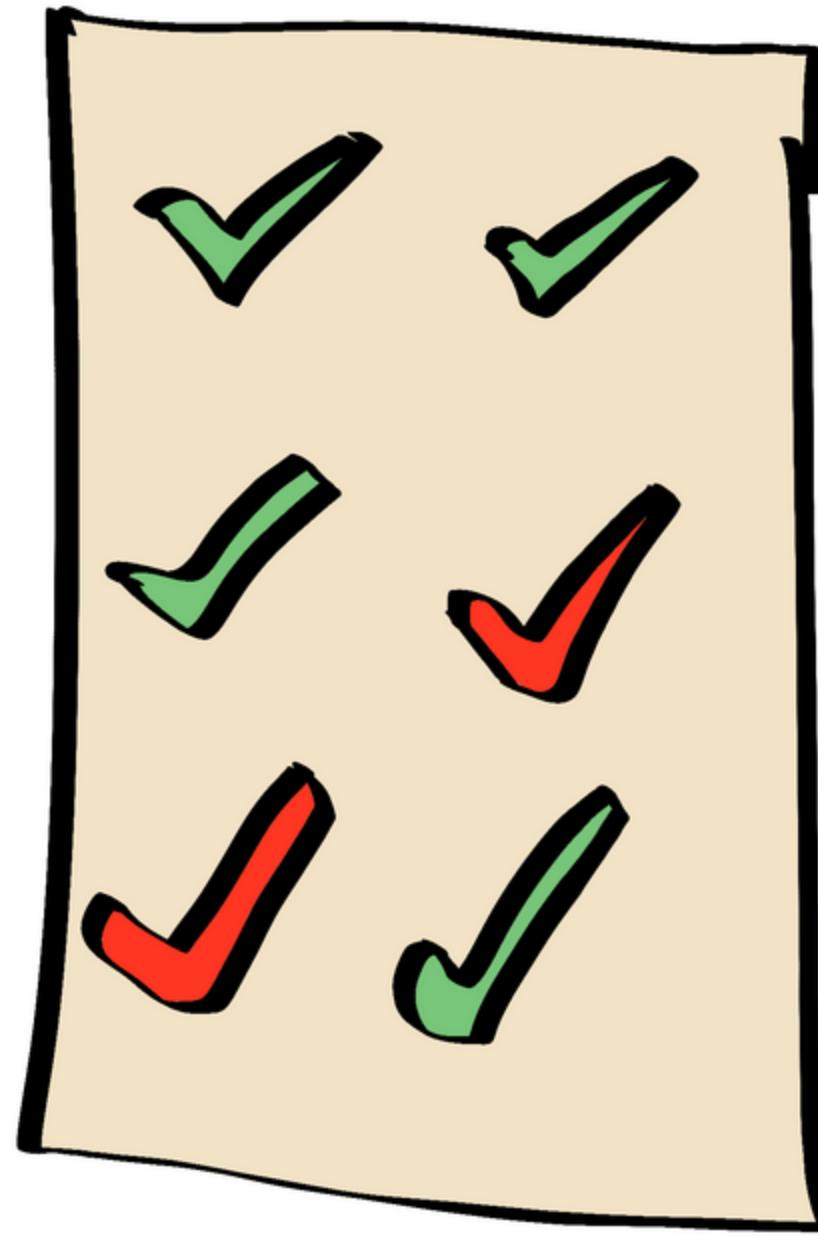
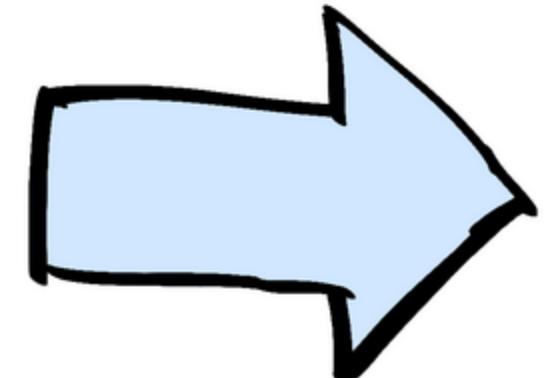
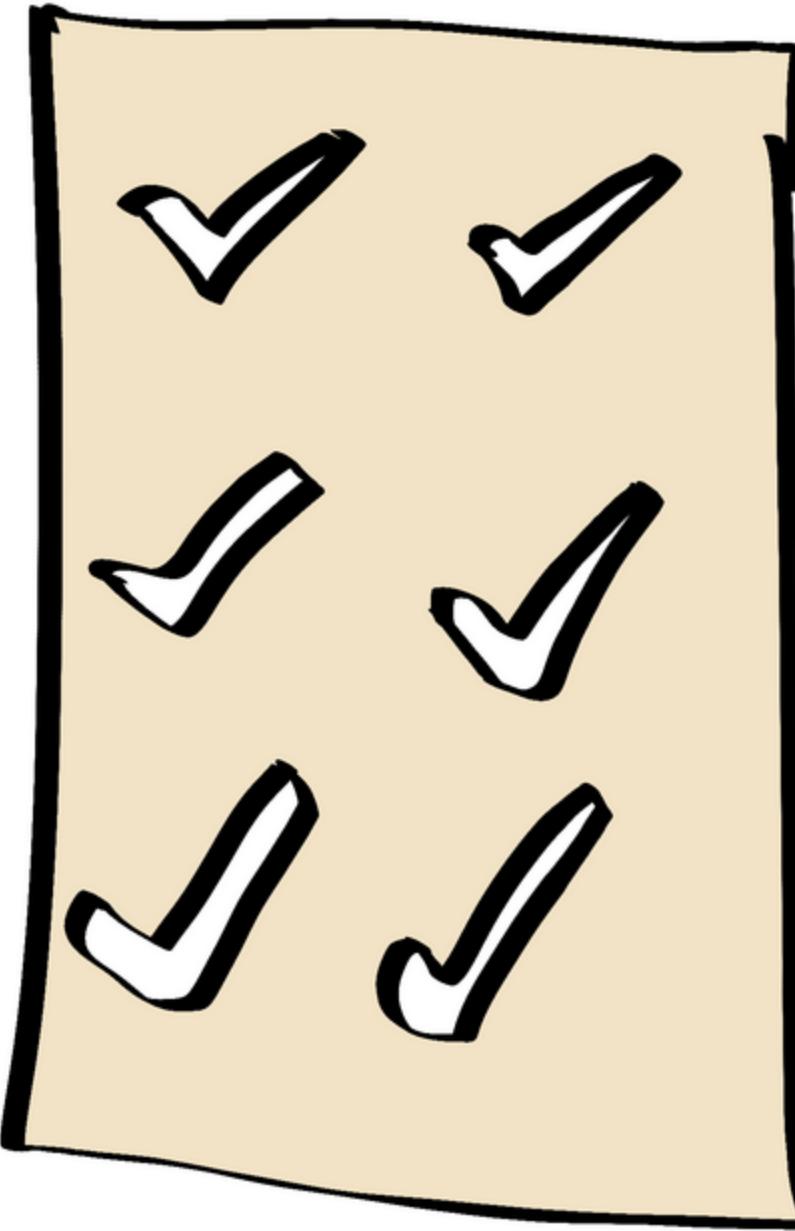


TDD

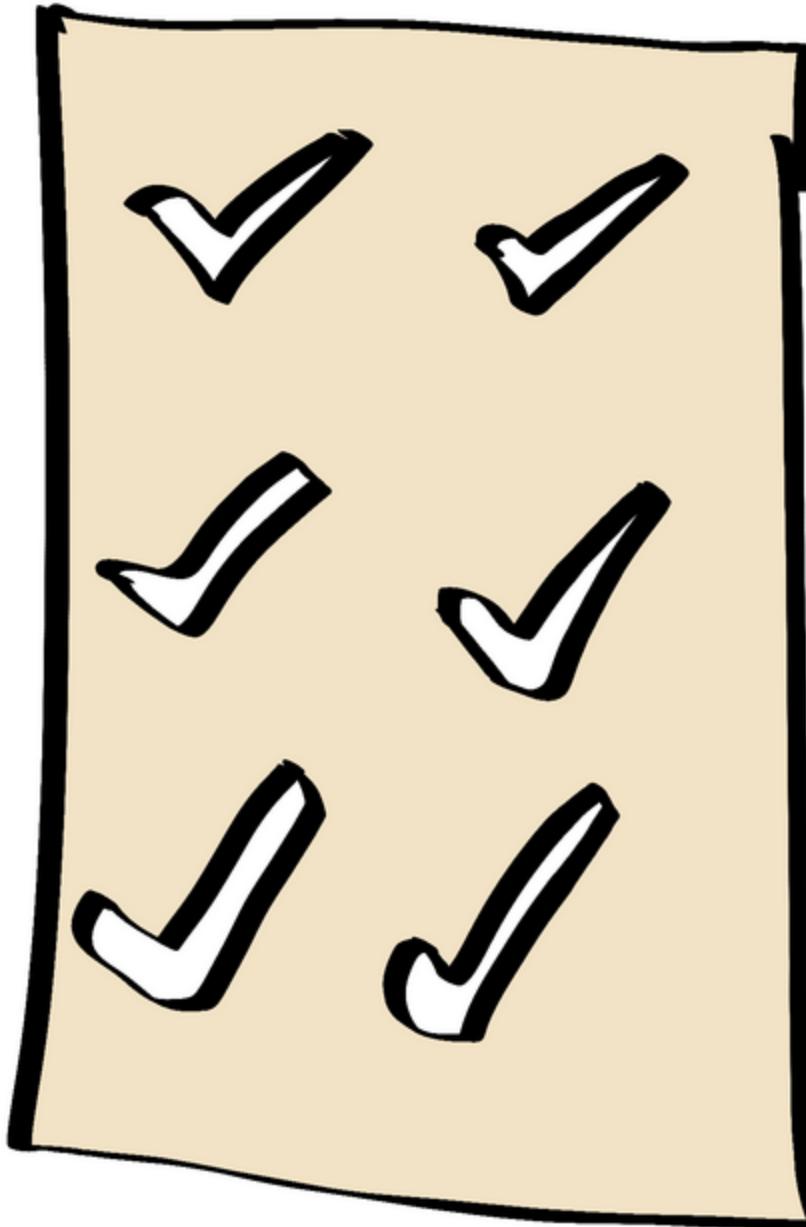


# TEST

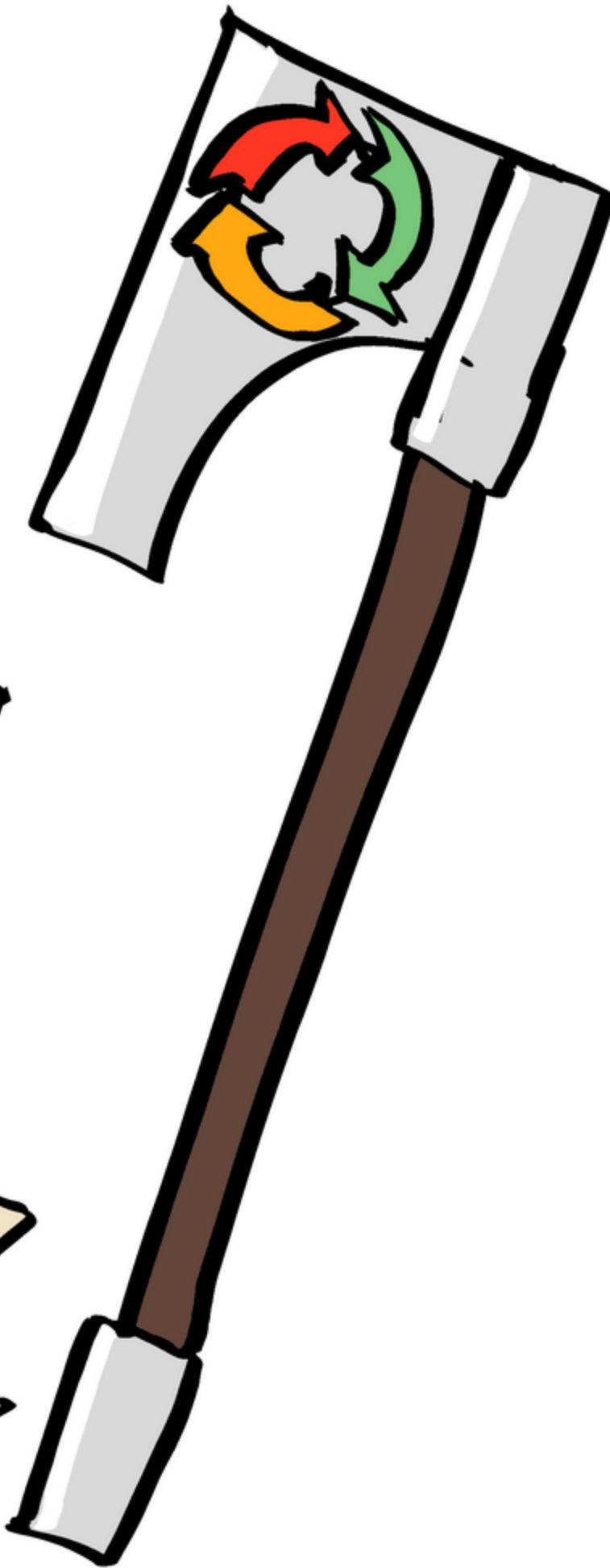
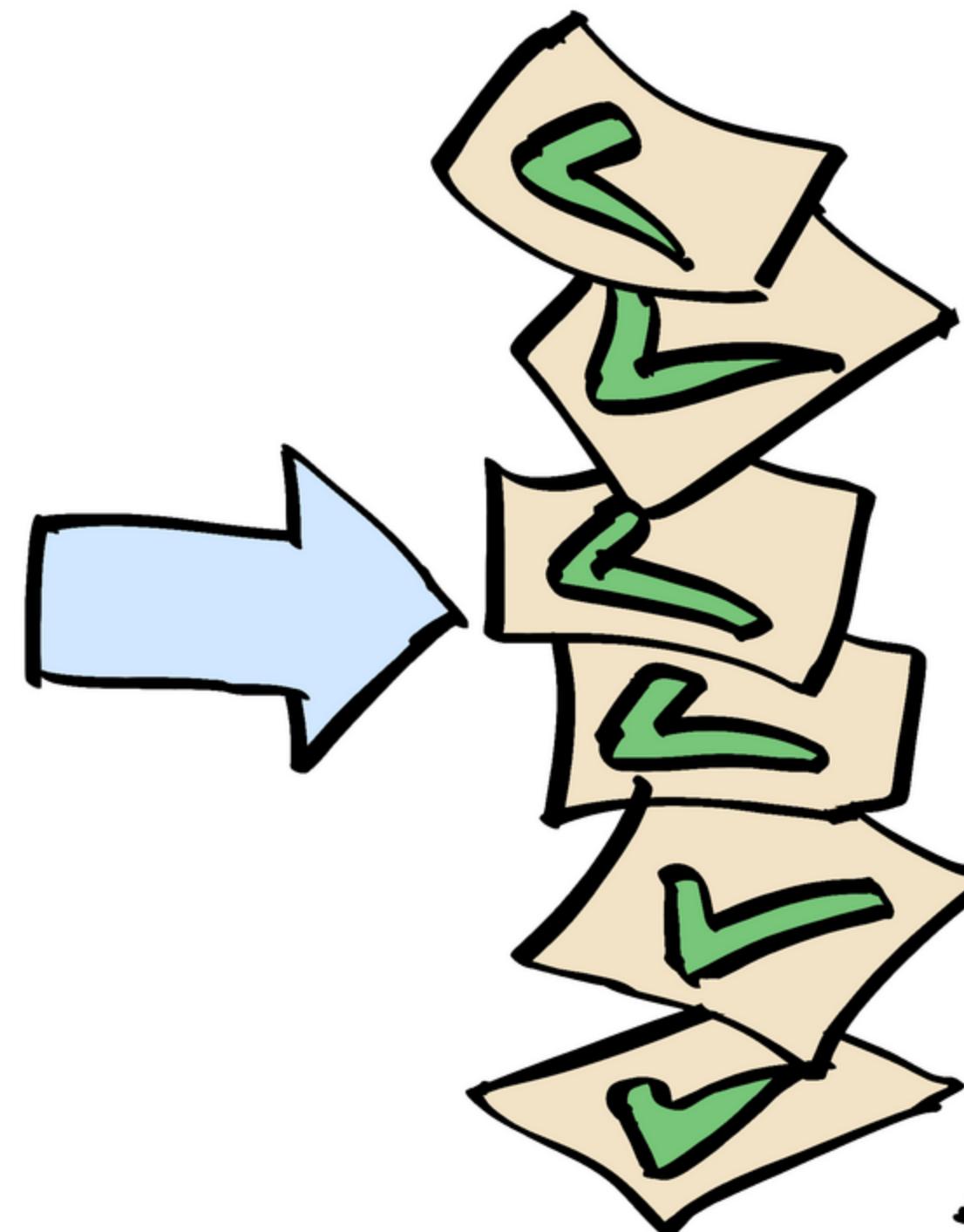
# First



# TEST

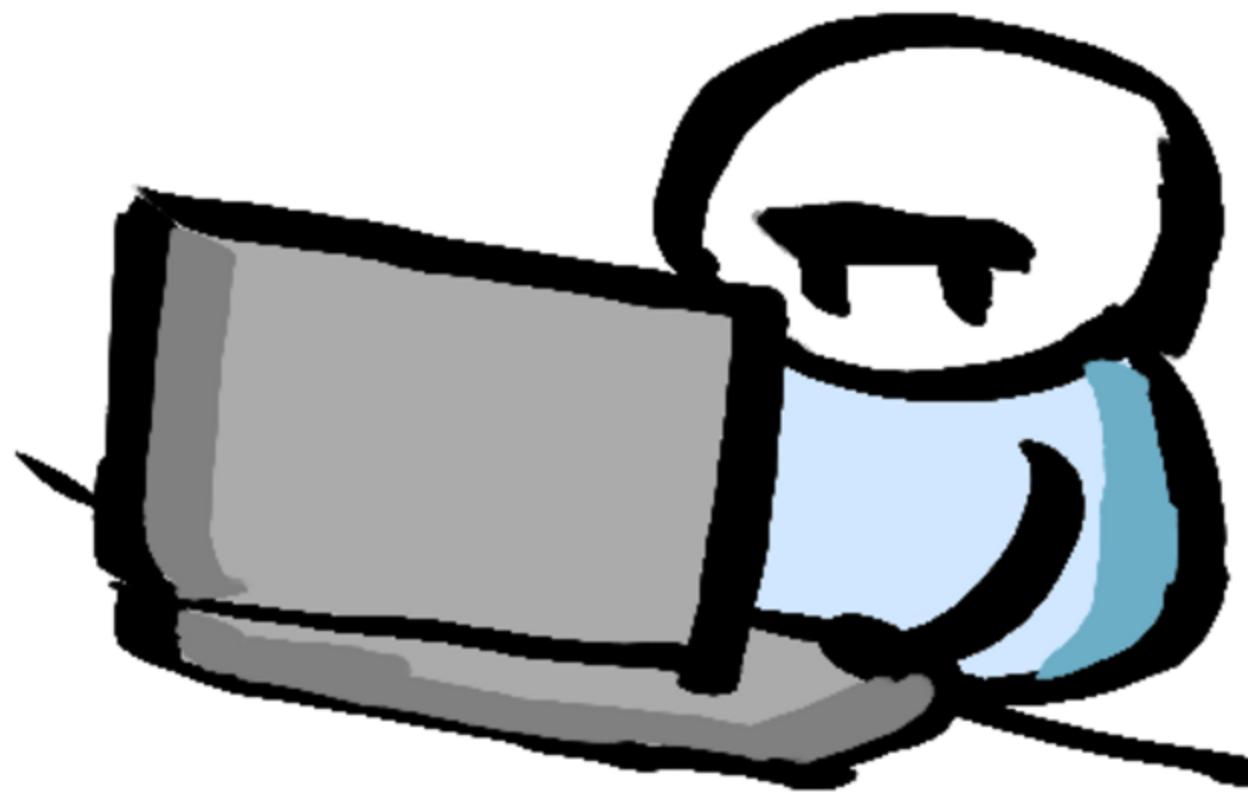


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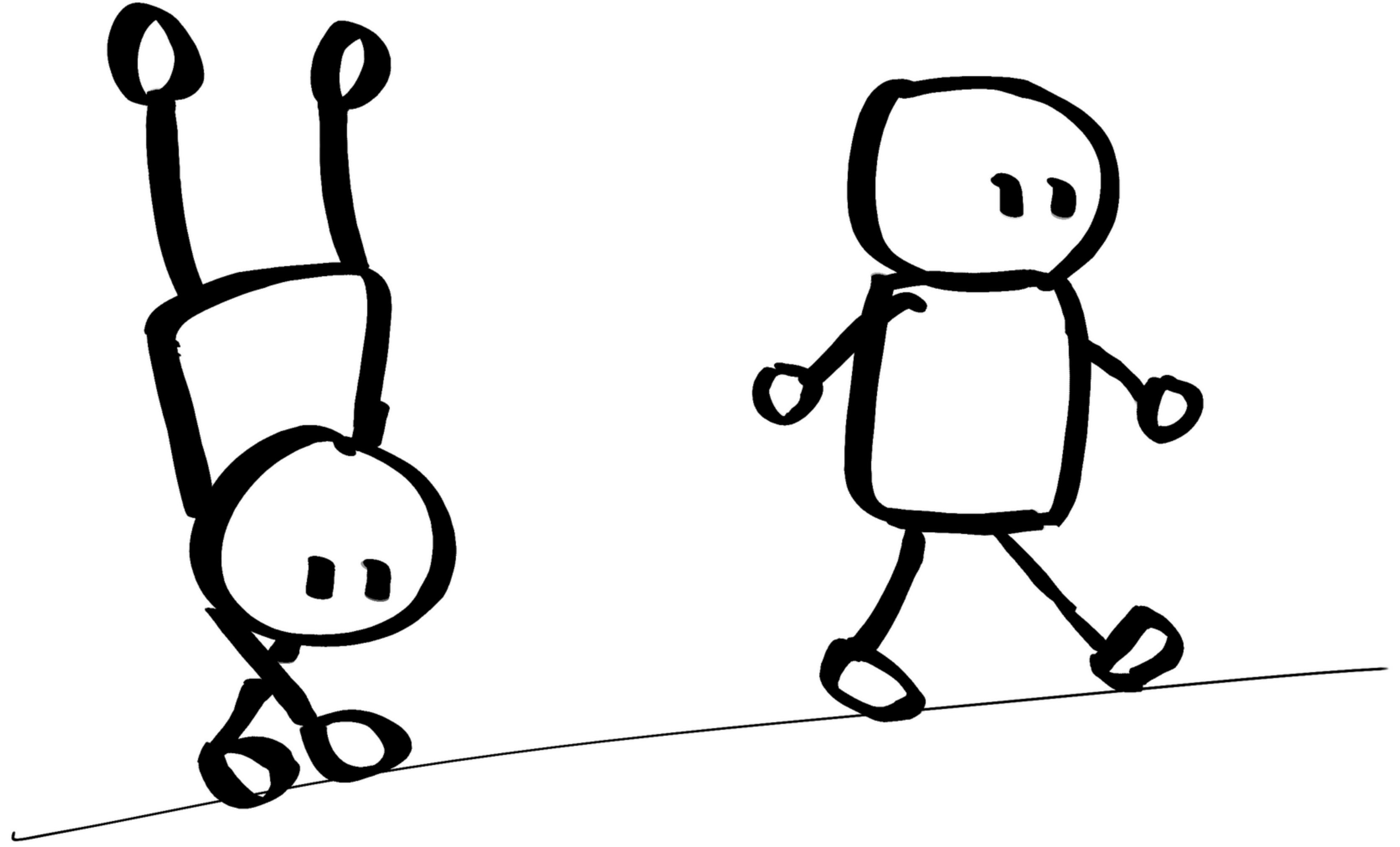


# Conclusion

**TU GALERES  
HEIN ? FAIS DONC  
DU TDD**



**C'EST FACILE,  
COMMENCE PAR  
ÉCRIRE UN  
TEST...**

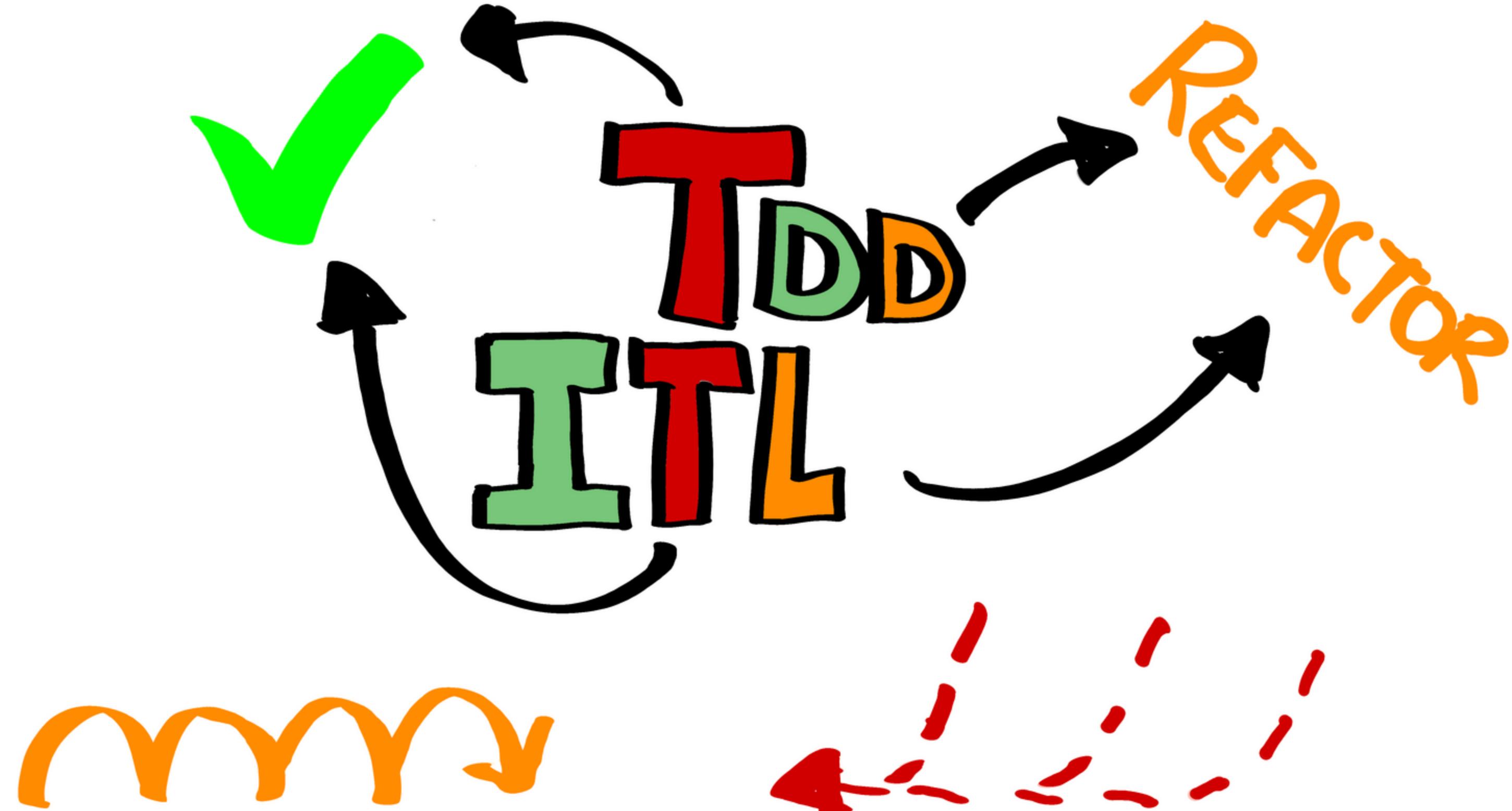


**TU GALERES  
HEIN?**

**ESSAYE DE  
FAIRE DES ÉTAPES  
PLUS PETITES**

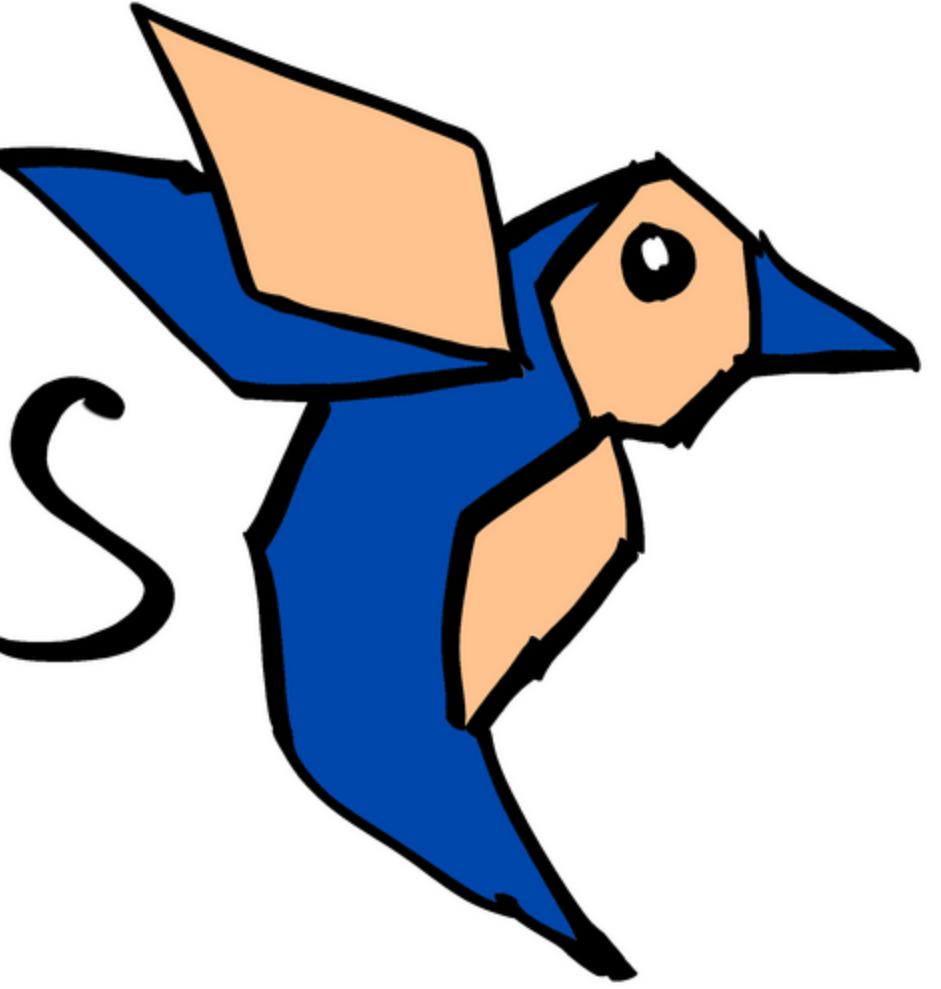
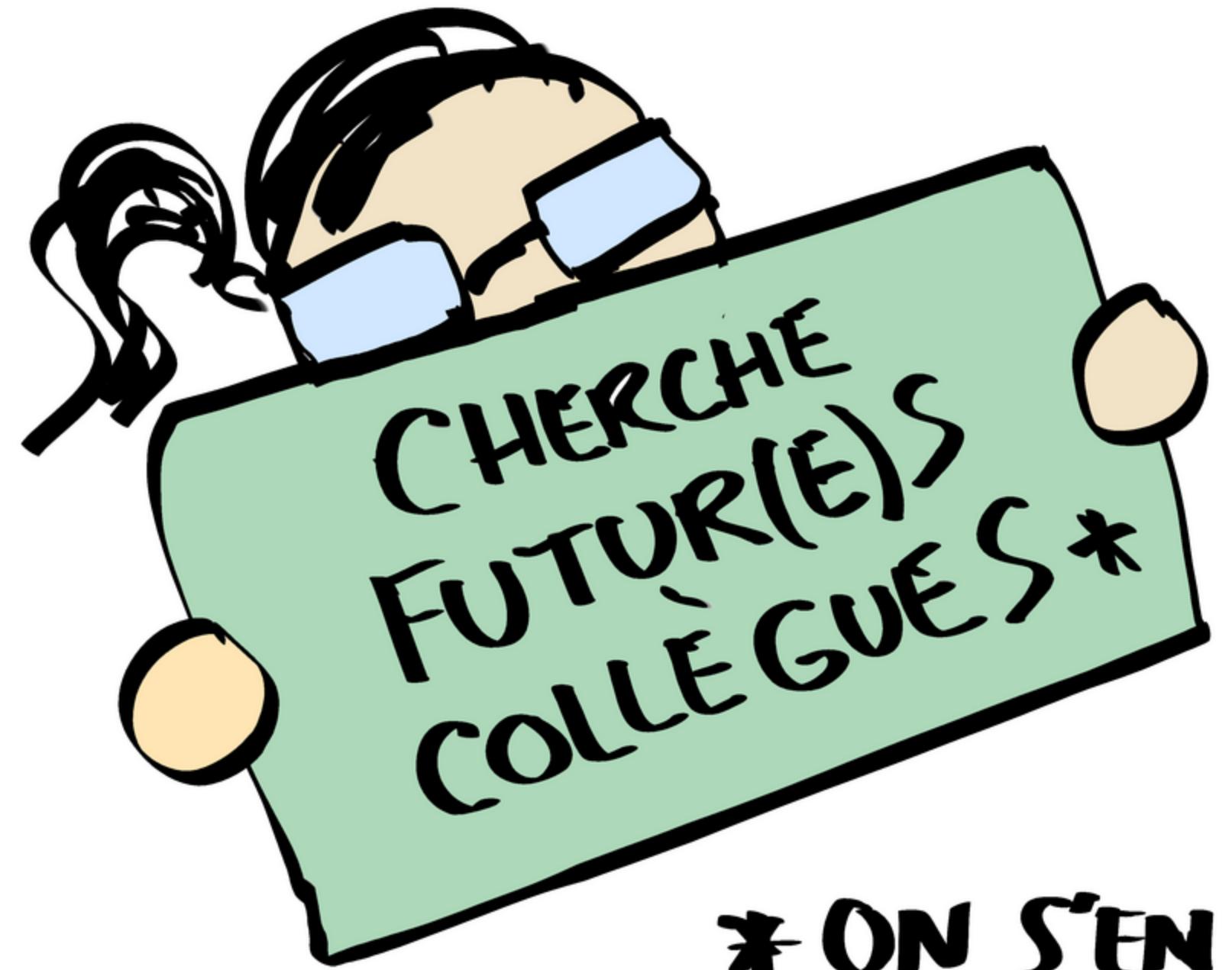


# L'IMPORTANT





# SOGILI'S



\* ON SEN TAPE DES CVS

@VictorLambret

VICTOR.LAMBRETE@SOGILIS.COM



<https://roti.express/r/alp-17>



GITHUB.COM/VLAMBRET/TALKS