

LEARNING TO FLY

An Alcor Academy Journey

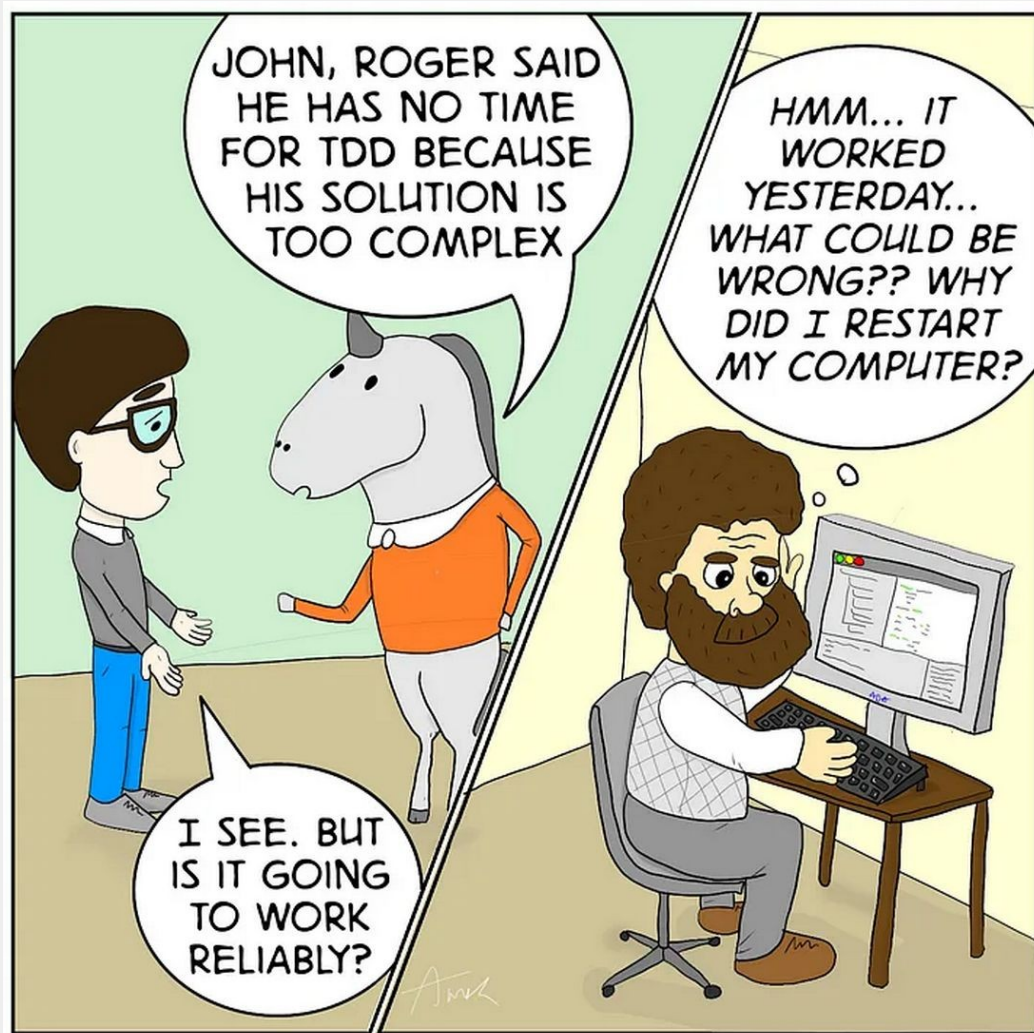
05.04.2023

Marco Montoya



**Not such a long
time ago in a galaxy
not that far away...**

TDD?



Mob programming?



SOLID?



Single Responsibility Principle

Just because you *can* doesn't mean you *should*.



Your code, not
solid enough it is

The *New York Times* bestselling series

STAR WARS®

**ALCOR
ACADEMY**

A NEW CLASS

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WALKING



Mob

Navigator



Driver

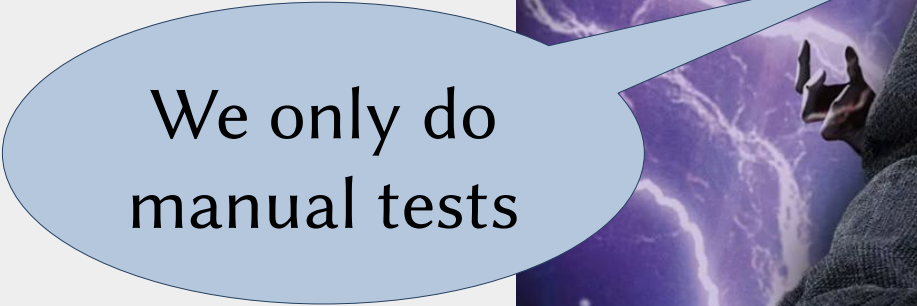
Tests should give you
confidence that you aren't
shipping broken software.



Object Calisthenics







«Always pass on what you have learned» - Yoda



«Patience you must have
my young Padawan»

- Yoda

«In a dark place we find ourselves,
and a little more knowledge lights
our way» - Yoda

RUNNING



Refactoring



Code Smells

What is that
smell?!



Bloaters



Refused Bequest



No, you are
NOT my
father!!

Feature Envy



This looks
SOLID!



FLYING

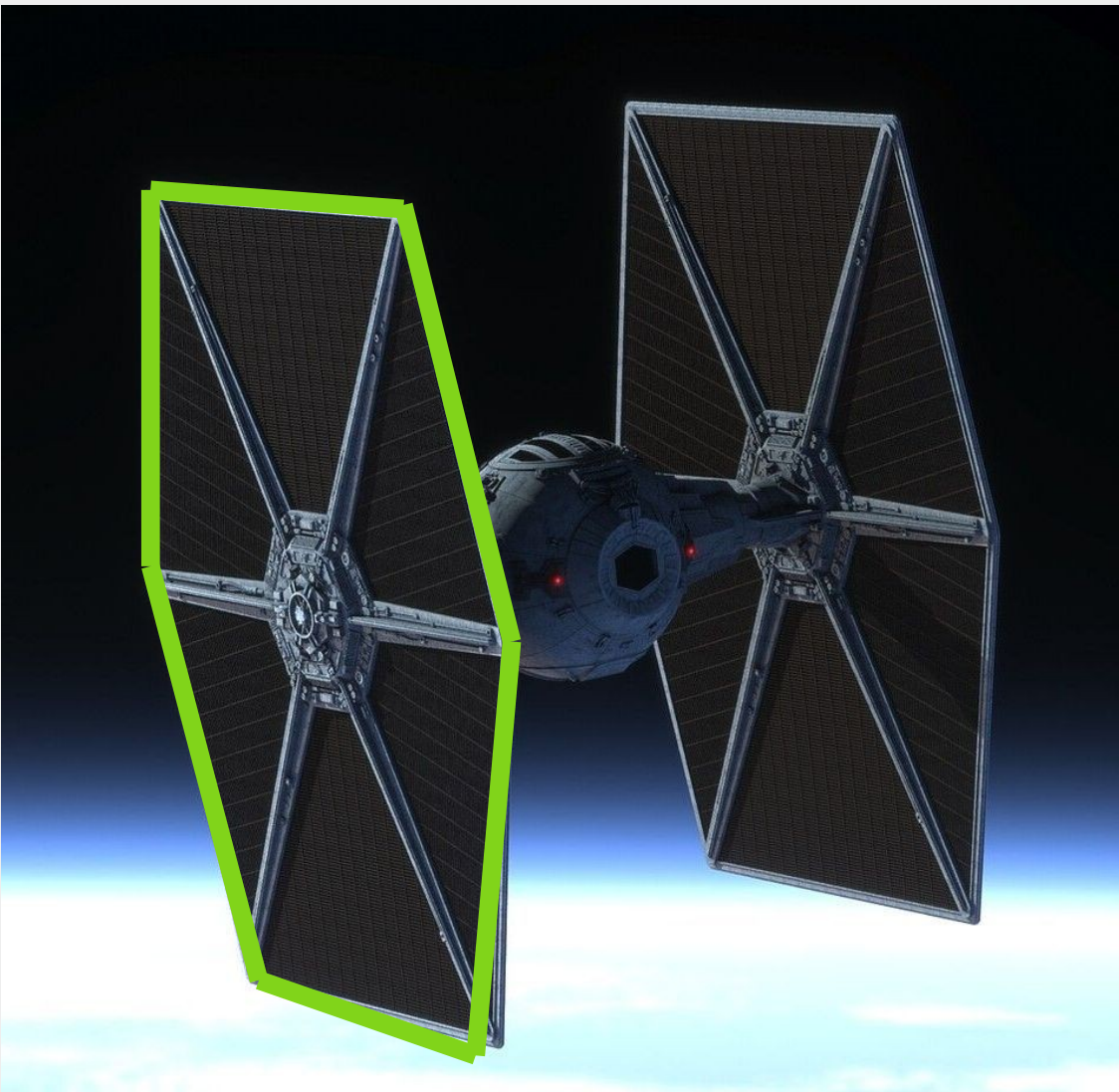


Fake

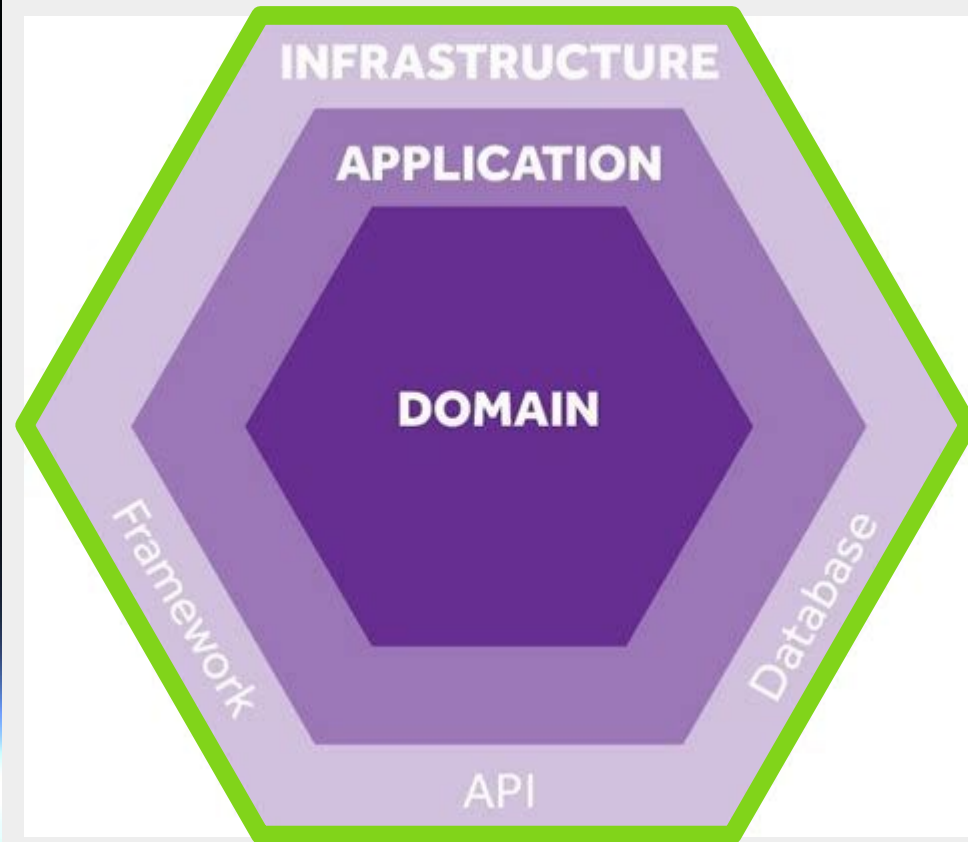


Spy





Hexagonal Architecture



Acceptance Tests



CONCLUSION



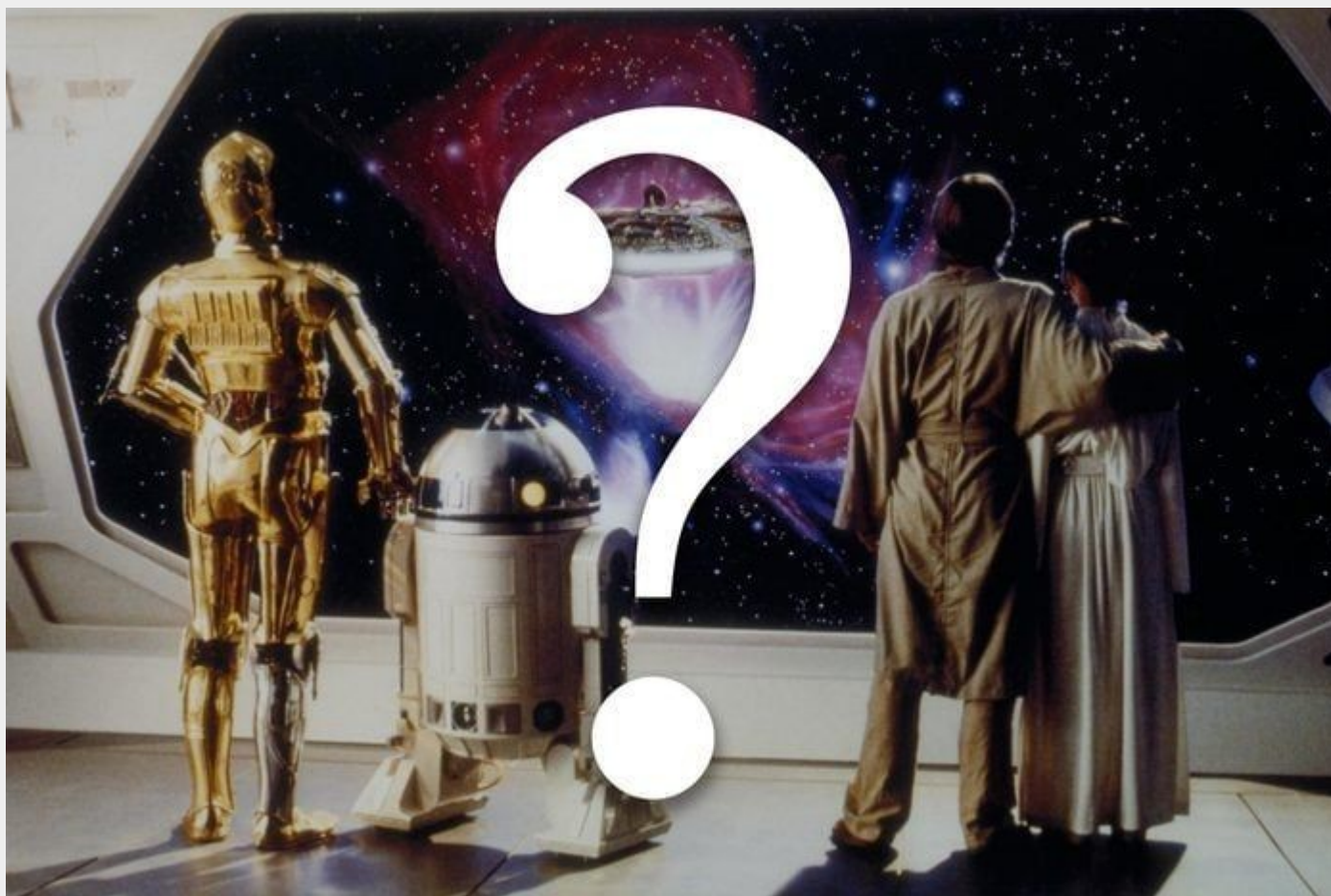
“Train yourself
to let go of
everything
you are afraid
to lose” -
Yoda

CONCLUSION



CONCLUSION







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REFERENCES

- Alcor Academy
- <https://torokagoston.medium.com/test-driven-development-and-data-science-cf78ec3a9ed0>
- <https://www.slideshare.net/llewellynfalco/mob-programming-75601033>
- <https://www.globalnerdy.com/2009/07/15/the-solid-principles-explained-with-motivational-posters/>
- <https://blog.codavel.com/2018/08/01/solid-open-closed-principle>
- <https://www.scholastic.com/starwarsjediacademy/index.html>
- <https://eu.usatoday.com/story/life/movies/2013/05/04/anthony-daniels-star-wars-day/2133825/>
- <https://www.vox.com/2015/12/18/10513896/star-wars-the-force-awakens-rey-luke>
- <https://www.goodfon.com/wallpaper/star-wats-x-wing-korabl.html>
- <https://sites.google.com/site/3dsfinfo/the-cockpit-sets>
- <https://www.cultureslate.com/news/theory-asteroid-field-in-the-empire-strikes-back-was-the-test-planet-for-the-death-star>
- <https://sayingimages.com/emperor-palpatine-meme/>
- <https://www.cbr.com/star-wars-palpatine-best-sith/>
- <https://screenrant.com/empire-strikes-back-yoda-obi-wan-luke-dagobah-advice-bad/>
- <https://alcor.academy/about-us>
- <https://www.artstation.com/marketplace/p/nOBq7/tie-fighter-star-wars>
- <https://www.starwars.com/databank/jabba-the-hutt>
- <https://starwarsaficionado.blogspot.com/2011/12/classic-image-its-worse.html>
- <https://parade.com/943548/parade/yoda-quotes/>
- <https://blog.eleven-labs.com/fr/architecture-hexagonale/>
- <https://observer.com/2020/05/star-wars-the-empire-strikes-back-yoda-anniversary/>
- <https://9gag.com/gag/aoe4LXg>
- <https://www.linkedin.com/pulse/refactoring-code-smells-part-1-ali-rezazadeh>
- https://www.reddit.com/r/legostarwars/comments/11z0k7j/quick_little_mock_up_from_the_new_episode_of_mando/
- <https://starwars.fandom.com/wiki/Garindan>
- https://www.reddit.com/r/MovieDetails/comments/ef440c/in_the_empire_strikes_back_1980_ending_the/
- <https://noti.st/sarahdayan/S5voPs#sp2n6a9>
- <https://www.sciencealert.com/a-physicist-has-calculated-how-much-yoda-weighs>
- <https://www.wdw-magazine.com/darth-vader-disneybounds-to-brighten-up-the-dark-side/>
- <https://www.pinterest.ca/pin/391672498847632517/>
- <https://www.boredpanda.com/blog/wp-content/uploads/2022/02/yoda-quotes-fb.png>
- <https://www.rd.com/article/star-wars-trivia/>
- <https://memegenerator.net/instance/58381906/yoda-star-wars-thank-you-i-say>
- <https://whatculture.com/film/7-greatest-ever-star-wars-references-in-pop-culture>