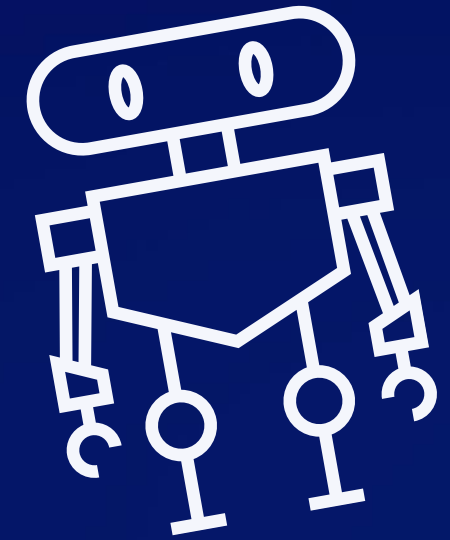
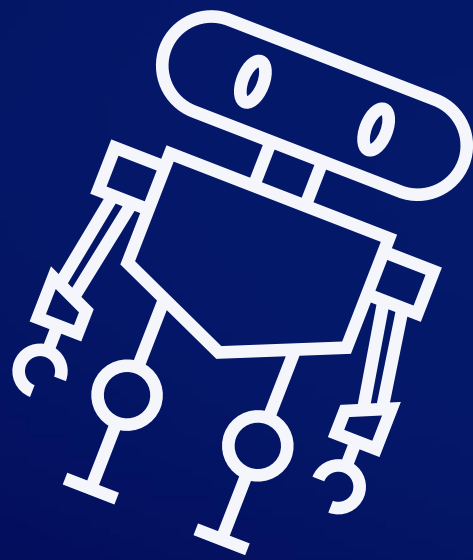


AIDD

HOW AI CHANGE
THE WAY WE CODE
AND OUR WORLD


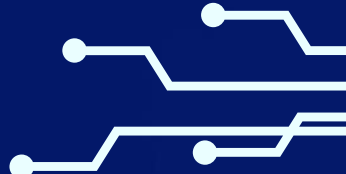


Serena Sensini @ AIConf

2024



Intro

- Next-generation AI models have revolutionized coding and impressed both technical and non-technical individuals.
 - AI's capabilities extend beyond coding, showcasing its potential in various fields.
 - **How have development changed so far, and which the challenges?**
- 
- 

GOING BACK TO THE
BEGINNING...

Where do a solution code from?

KEEP CALM.

It's not a lesson about

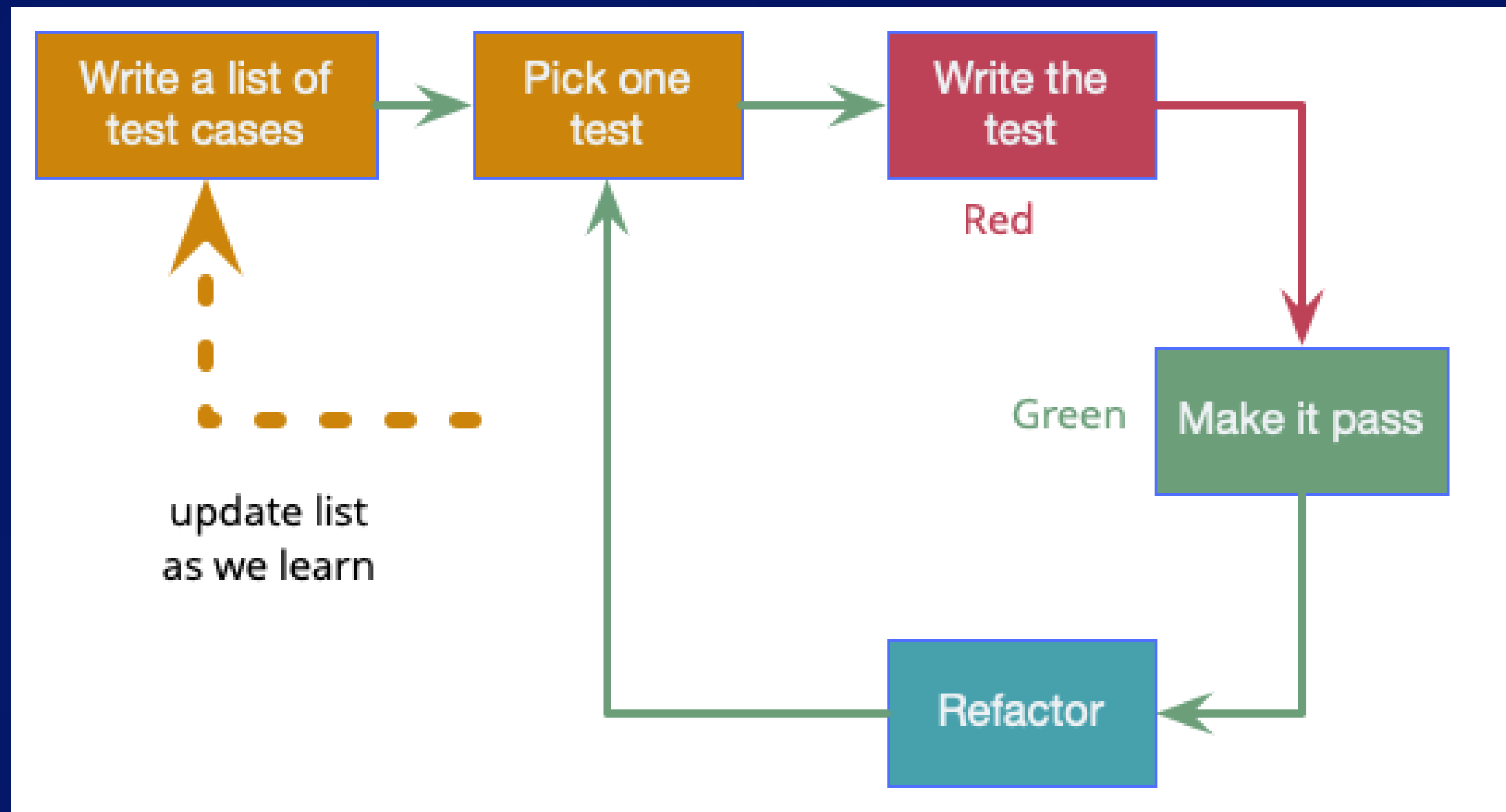
TDD

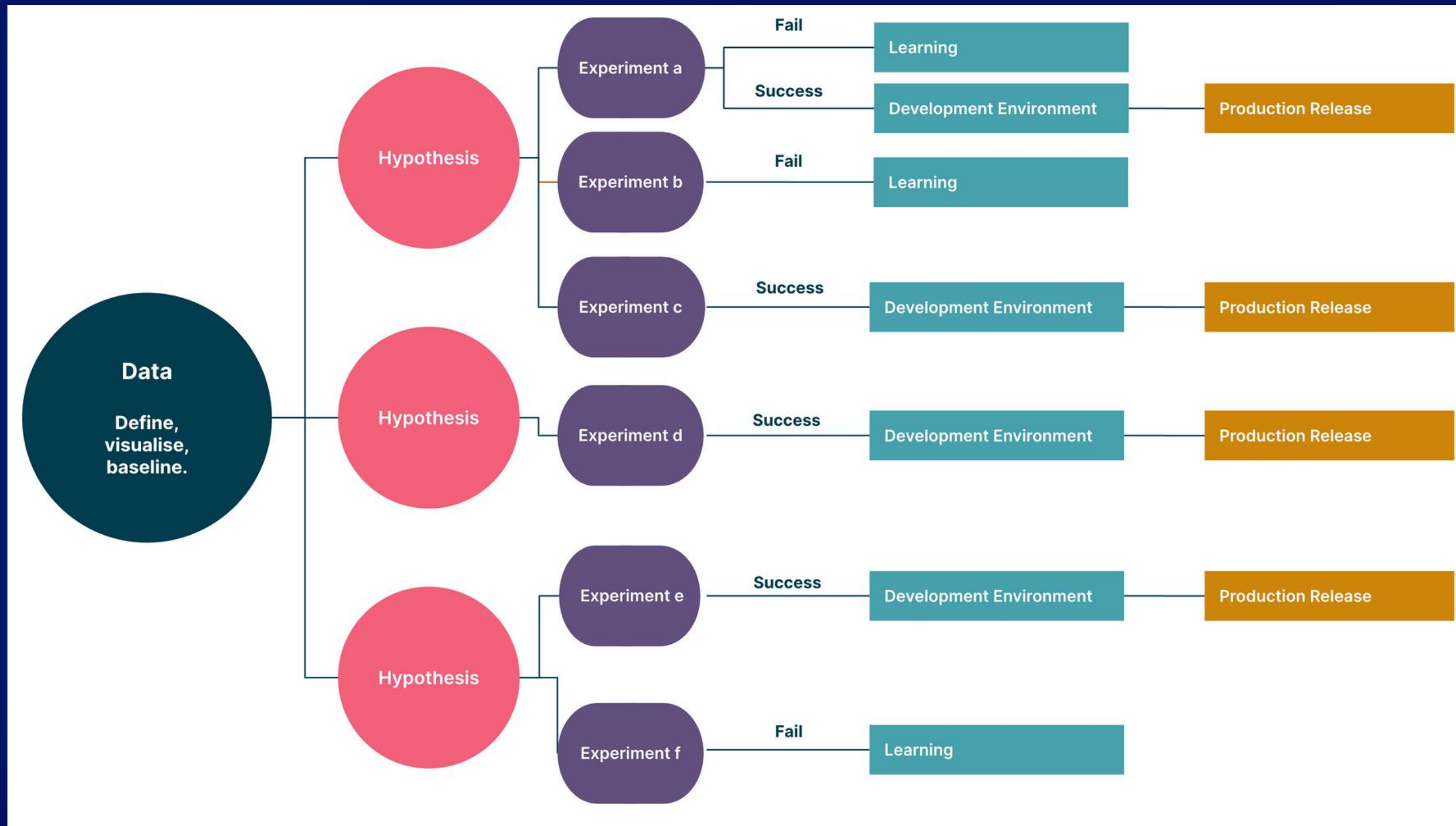
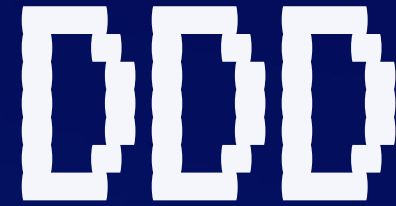
DDD

D(oc)DD

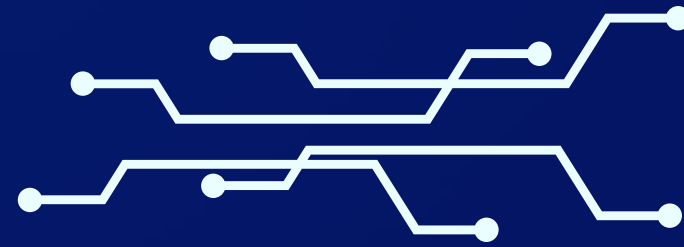
but...

TDD



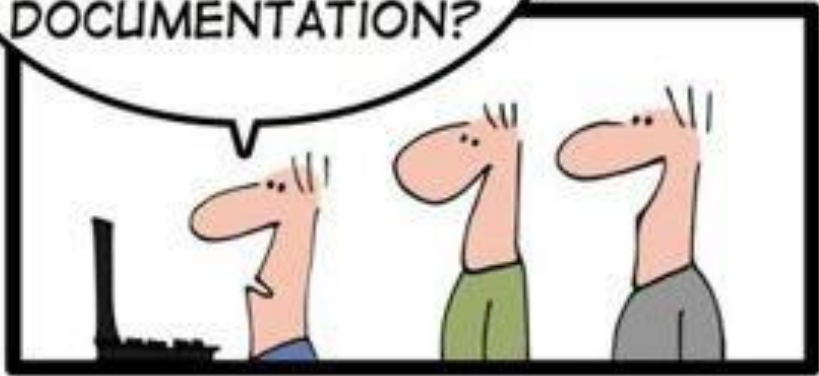


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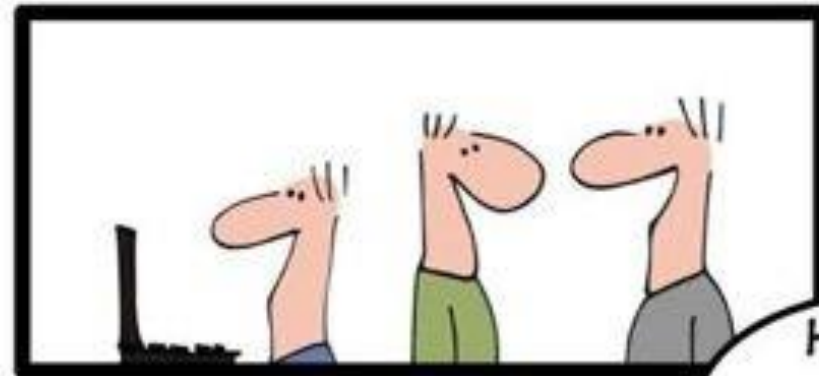
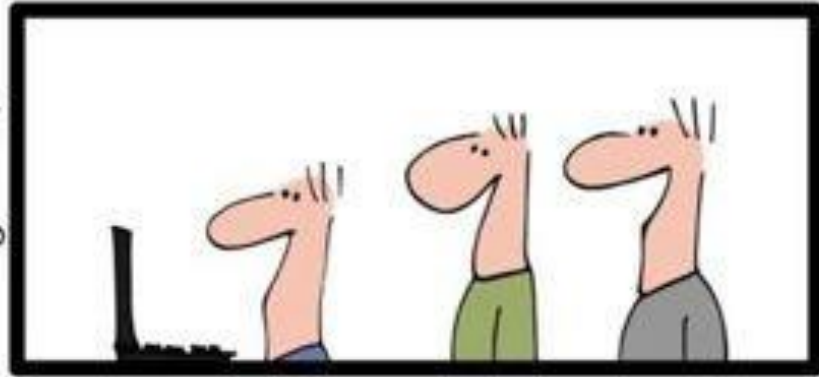


Documentation...an unknown concept

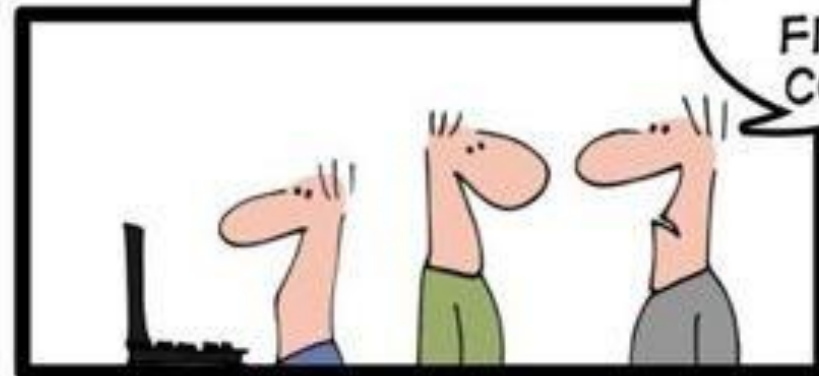
WOW! THIS SOFTWARE IS QUITE COMPLEX!
WHERE CAN I FIND SOME DOCUMENTATION?



geek & poke



HE HAS JUST FINISHED COLLEGE

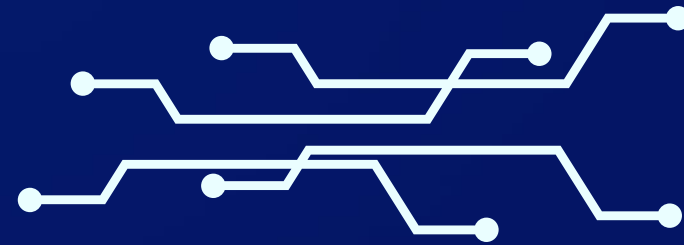


WE ALL HAD OUR DREAMS

LESSONS LEARNED SO

FAR

THE RISE OF AI IN CODING



The *Magic* of Next-Generation AI Models

It's a Br-AI-ve New World

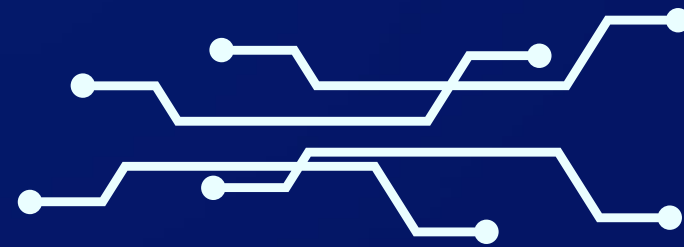
AI models can code, with high quality code

But what about the *confidence*?

What about the features evolution?



AIDD



A new paradigm

A Futuristic Extension of *DD

- Red, green, refactor
- Context is the driver
- Data as the golden factor


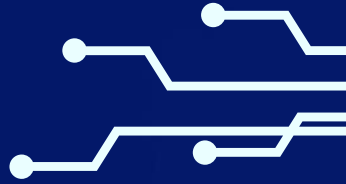
The Value Of Human Development Skills

Will AI Replace Developers?

Why Developers Remain Crucial in AIDD



8 STEPS TOWARDS AIDD

- Set the goal
 - Formulate the abstract type
 - Construct mock functionality
 - Write tests
 - Run tests and expect failure
 - Create a concrete implementation
 - Run test and expect success
 - Refactor
- 
- 

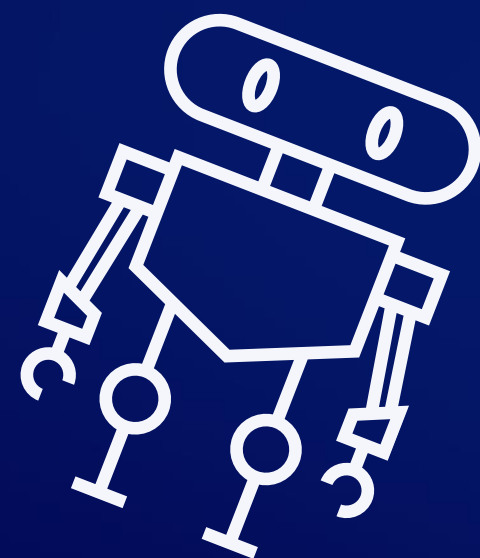
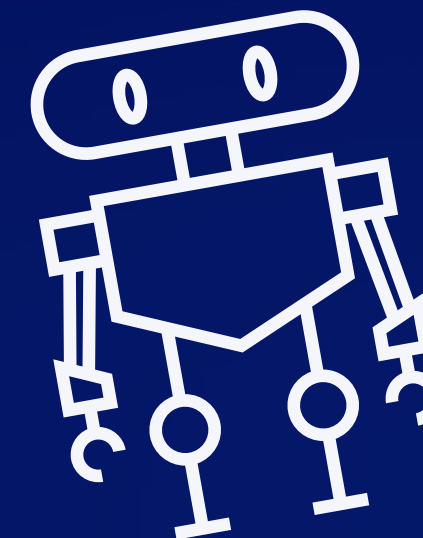
Embracing the Future of Software Development

- Enhanced Collaboration
- Increased Productivity
- Streamlined Development Process
- Data-Driven Decision Making
- Continuous Learning and Feedback

We can build a much brighter future where humans are relieved of menial work using AI capabilities.

-Andrew Ng

THANKS FOR
YOUR ATTENTION



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