

GitHub Copilot Dev Days | Milan

October Edition

Azure Meetup Milano + UGIdotNET

- Community del network **Improve**: <https://www.improve.tech>
- Ci trovate anche su **LinkedIn** e **Meetup.com**, ma iscrivetevi ***sempre*** tramite Eventbrite



improve

Improve.more();

Siamo una community di 26000+ persone ed abbiamo due missioni: democratizzare la formazione premium e di favorire il match sano tra community ed aziende

State facendo recruiting o cercando lavoro?

👉 <https://www.improve.tech/talent/discover>

I nostri corsi:

👉 Abbonamenti: <https://www.improve.tech/plans>

👉 Online: <https://www.improve.tech/onlinecourses>

👉 Frontali: <https://www.improve.tech/education/masterclasses>

Menu del giorno

- 14:30 **AI e sviluppo software: evoluzione o rivoluzione?**
- 15:00 **GitHub Copilot: non più solo una Chat... CLI, App, Agentic Workflows, etc...**
- 16:00 Pausa
- 16:30 **GitHub Copilot Deploy, tales from the trench**
- 17:30 **Föra di ball**

Attestati, slide e video su <https://www.improove.tech/videos>

AI @ Improove: prossime fermate

<https://lets.improove.tech>



AI @ Cloud Day (<https://www.cloudday.it>)

- 8° edizione
- 18 novembre @ Talent Garden Calabiana, Milano
- 3 track, 24 talk, tanta AI
- Sconto 30% con codice **P-MEETUP**

IT'S THE END OF THE WORLD AS WE KNOW IT

CODE

"And I Feel Fine"

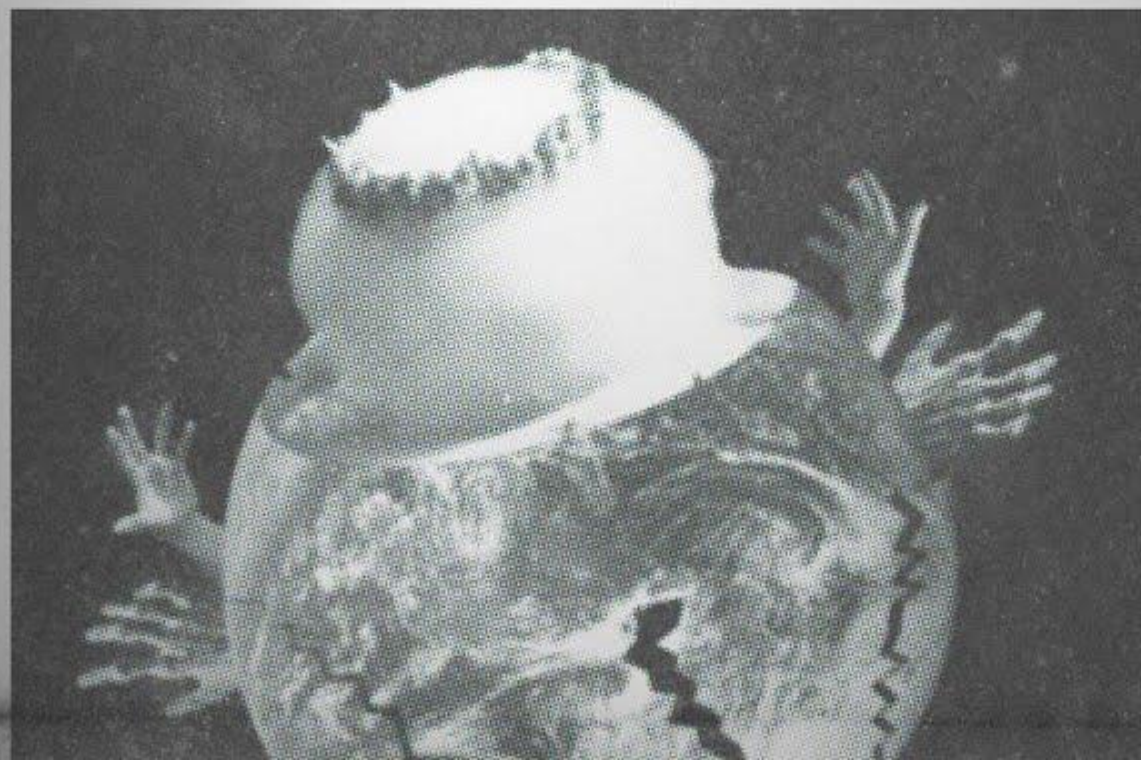
by Michael Stipe

That's great, it starts with an earthquake, birds snakes and aeroplanes. Lenny Bruce is not afraid. Eye of a hurricane, listen to your self churn. World serves its own needs, don't misserve your own needs. Speed it up a notch, speed, grunt, no strength.

The ladder starts to clatter with a fear of height, down, height, wire in a fire, represent the seven games and a government for hire in a combat site. Left of west and coming in a hurry with the furies breathing down your neck.

Team by team, reporters baffled, trumped, tethered, cropped. Look at that low plane, fine then. Uh oh, overflow, population, common group.

But it'll do, save yourself, serve yourself, world serves its own needs, listen to your



R.E.M.'S SURREAL APOCALYPSE SONG

by Polyphonic

On March 13th, 2020, 33 years after it was released, R.E.M.'s "It's the End of the World as we Know It" re-entered the American Charts.

The surge brought it up to Number 72 on the iTunes chart—nothing astounding, but certainly notable for a song that's three decades old. But of course, it's



Michael Stipe

easy to see why. At the time of this video, we are currently in the middle of a catastrophic pandemic due to COVID 19.

As sports seasons are cancelled, travel restrictions put into place, and runs are being made for toilet paper, there's a surreal feeling of apocalypse looming in the air.

And that's without even mentioning the plummeting

MONTH

OCT

DAY

15

YEAR

2026

AM

PM

HOUR

01

MIN

20

DESTINATION TIME

MONTH

NOV

DAY

30

YEAR

2022

PM

AM

HOUR

01

MIN

22

PRESENT TIME

MONTH

AUG

DAY

10

YEAR

2021

AM

AM

HOUR

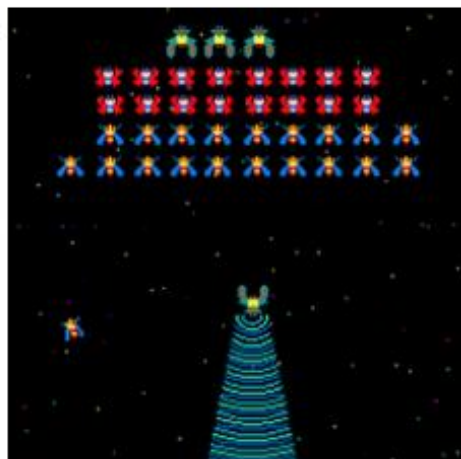
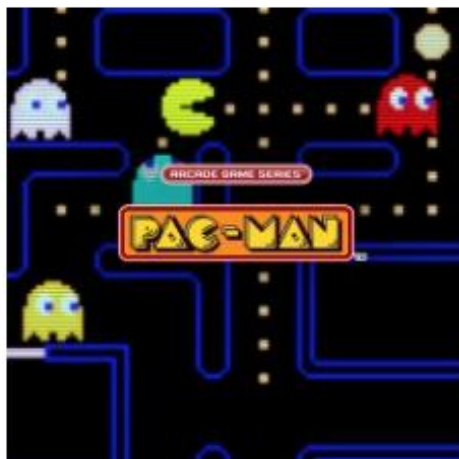
01

MIN

20





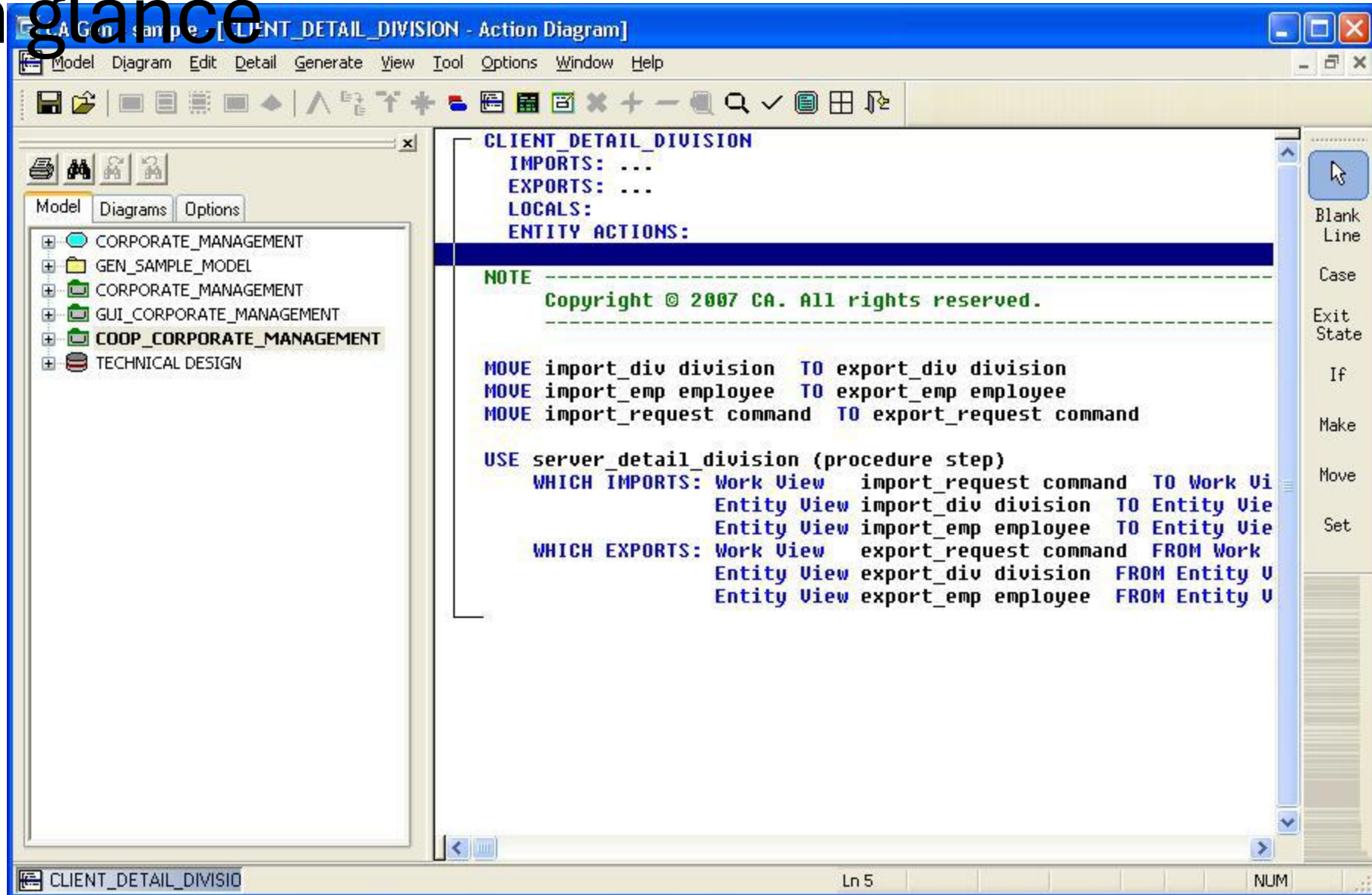


A CASE for code generation

Computer-aided software engineering (CASE) is a domain of software tools used to design and implement applications. CASE tools are similar to and are partly inspired by computer-aided design (CAD) tools used for designing hardware products. CASE tools are intended to help develop high-quality, defect-free, and maintainable software. CASE software was often associated with methods for the development of information systems together with automated tools that could be used in the software development process.

[https://en.wikipedia.org/wiki/Computer-aided_software_engineering]

At a glance



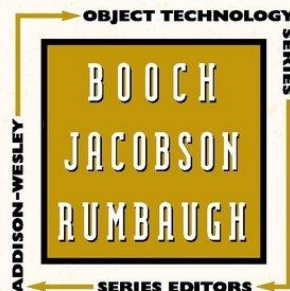


EXECUTABLE UML

A FOUNDATION FOR MODEL-DRIVEN ARCHITECTURE

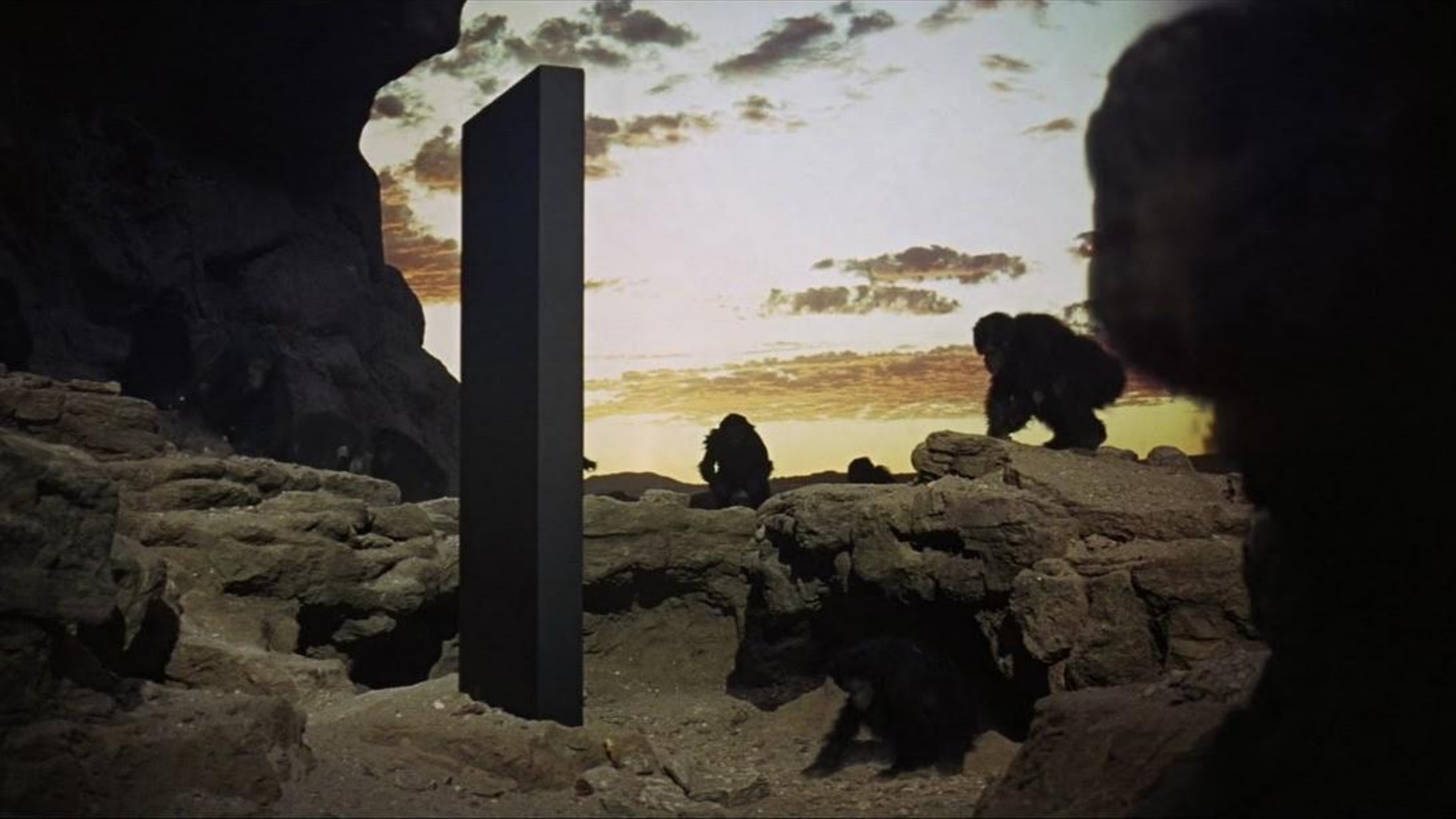
STEPHEN J. MELLOR
MARC J. BALCER

Foreword by Ivar Jacobson



Executable UML

Using Executable UML (xUML), developers can build UML models that can not only be unambiguously interpreted by human readers, but can be tested and validated through actual execution, and ultimately translated directly and completely to target code. This technology offers immense potential for accelerating development projects, enhancing reliability, and reducing cost.

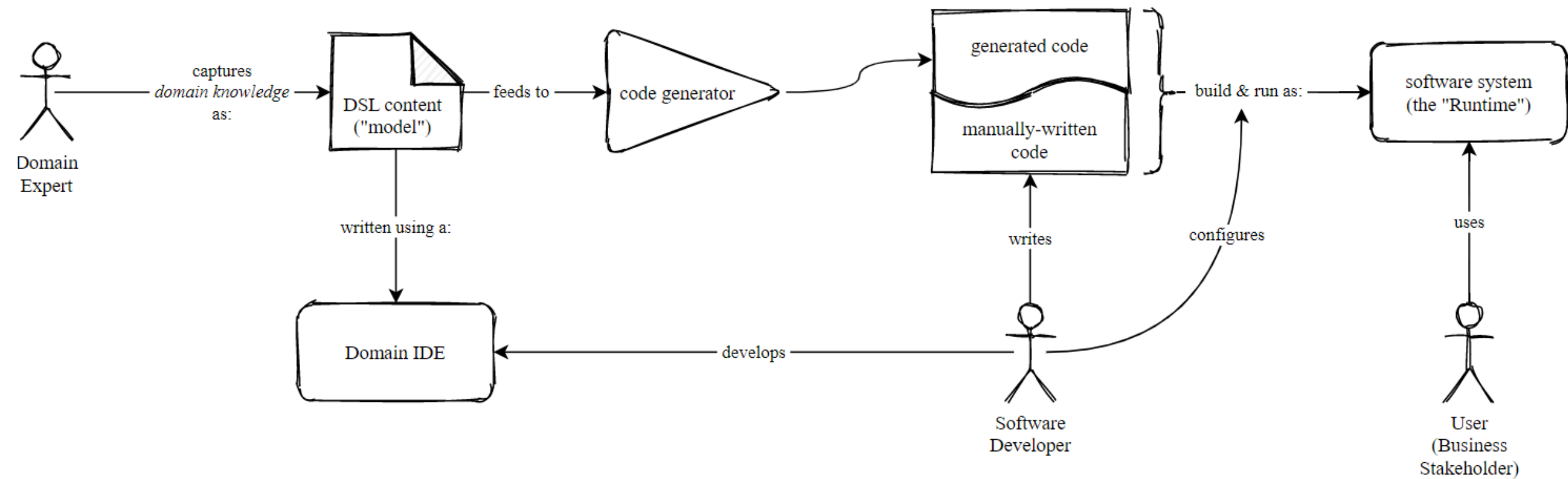




Domain Specific Languages

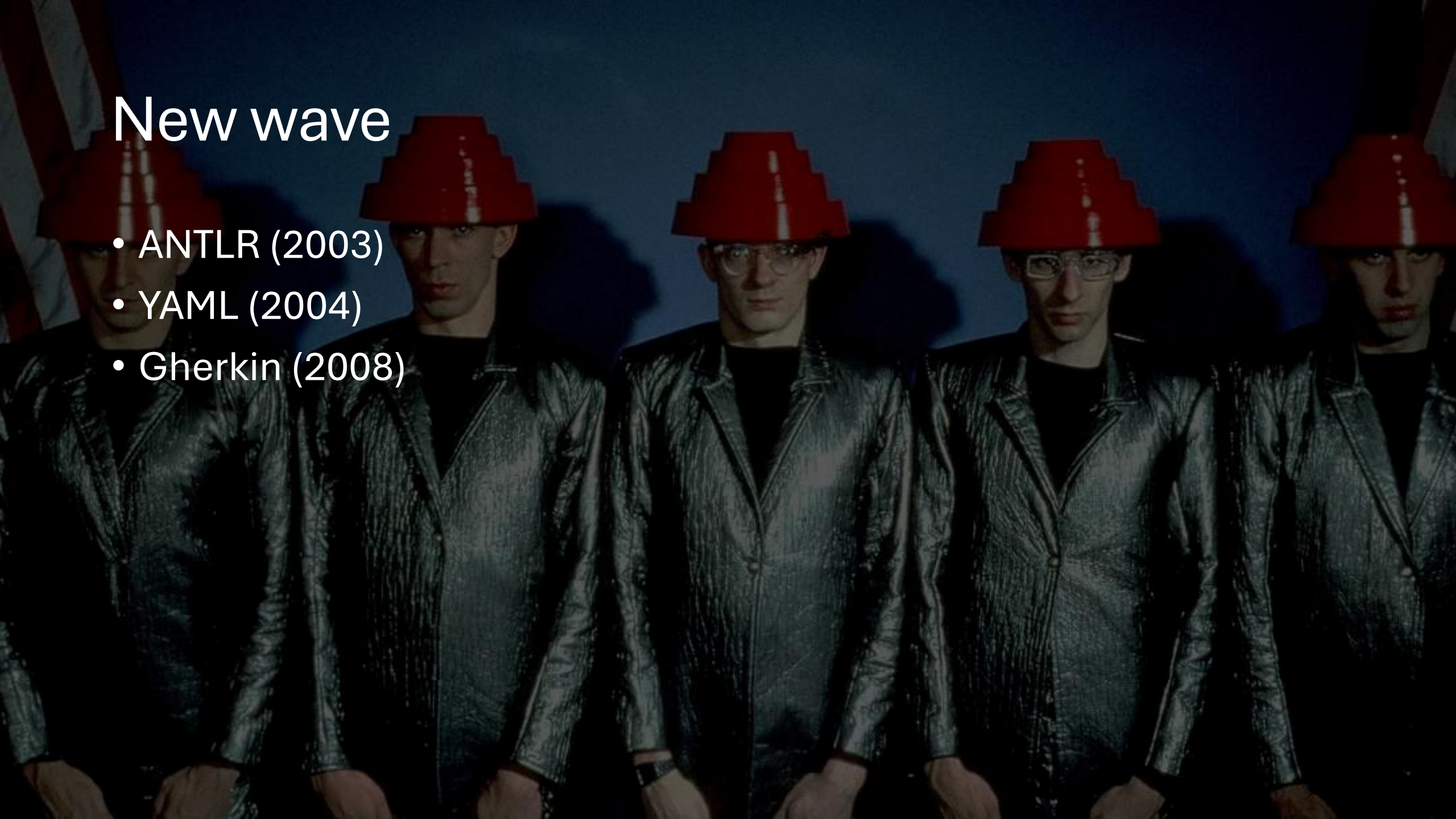
Languages specifically designed for a particular domain, such as:

- SQL (1974)
- Make (1976)
- CSS (1996)



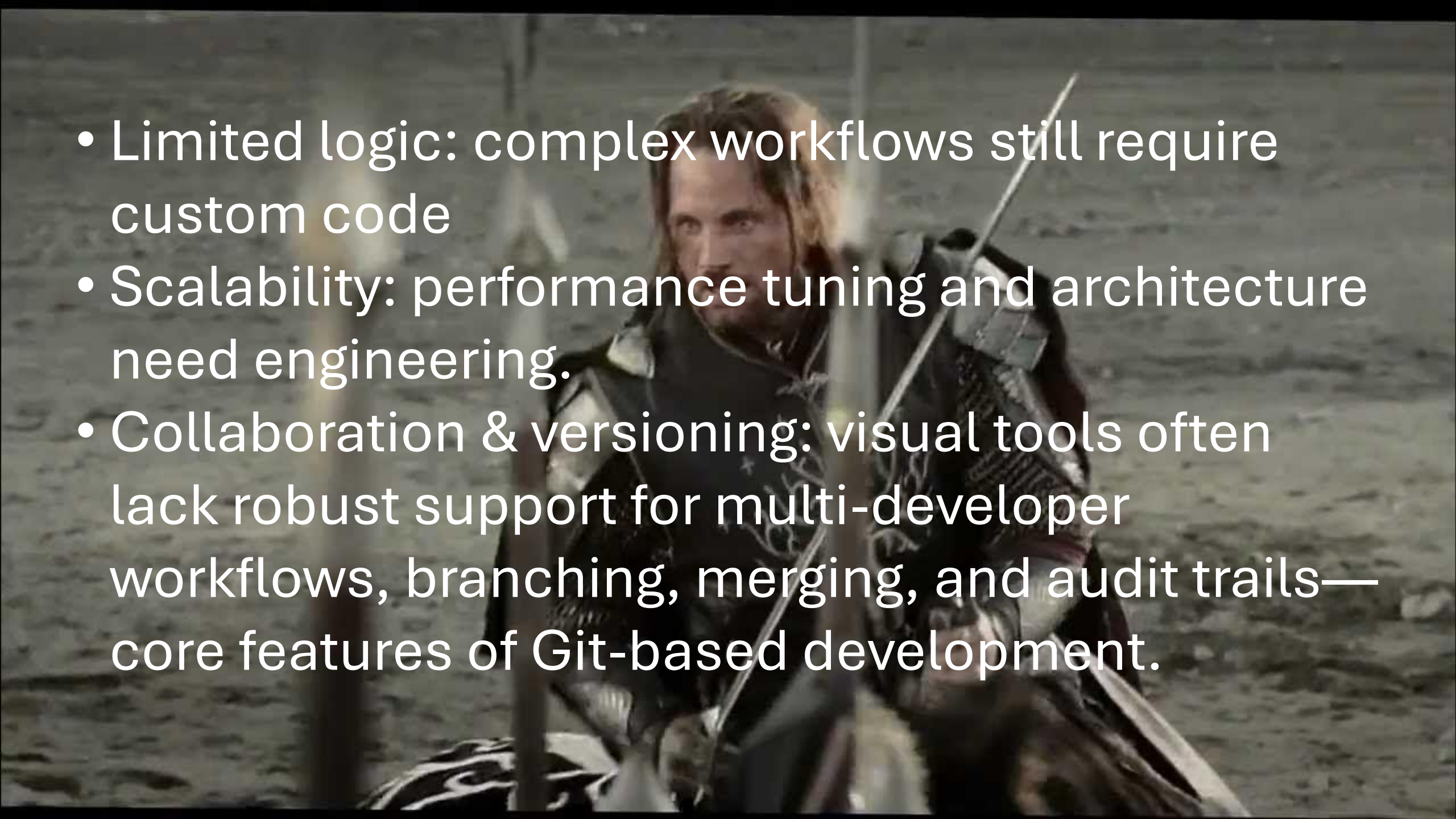
New wave

- ANTLR (2003)
- YAML (2004)
- Gherkin (2008)





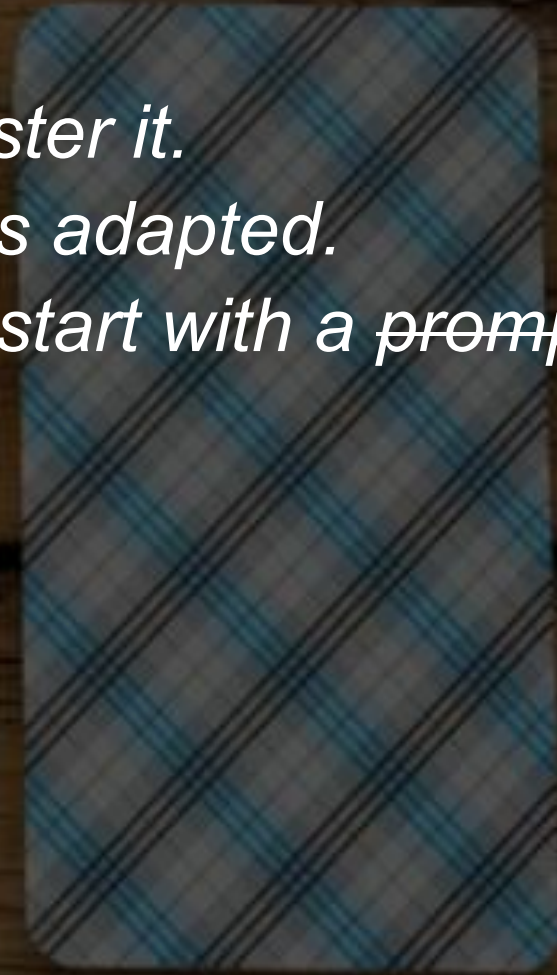
NO-CODE
LOW-CODE
PLATFORM

- 
- Limited logic: complex workflows still require custom code
 - Scalability: performance tuning and architecture need engineering.
 - Collaboration & versioning: visual tools often lack robust support for multi-developer workflows, branching, merging, and audit trails—core features of Git-based development.

GREETINGS PROFESSOR FALKEN.
SHALL WE PLAY A GAME?

|

- *AI won't replace developers who master it.*
- *We've always automated, and always adapted.*
- *The best code we'll ever write might start with a ~~prompt~~ spec.*



I FEEL FINE



Andrea Saltarello

Professor @ GSoM Politecnico di Milano

Founder & CEO @ Improove.tech

