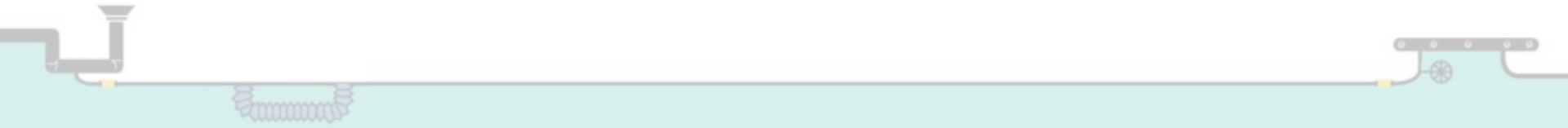


Technical Debt

for dummies



The "Debt" Metaphor Corrupted

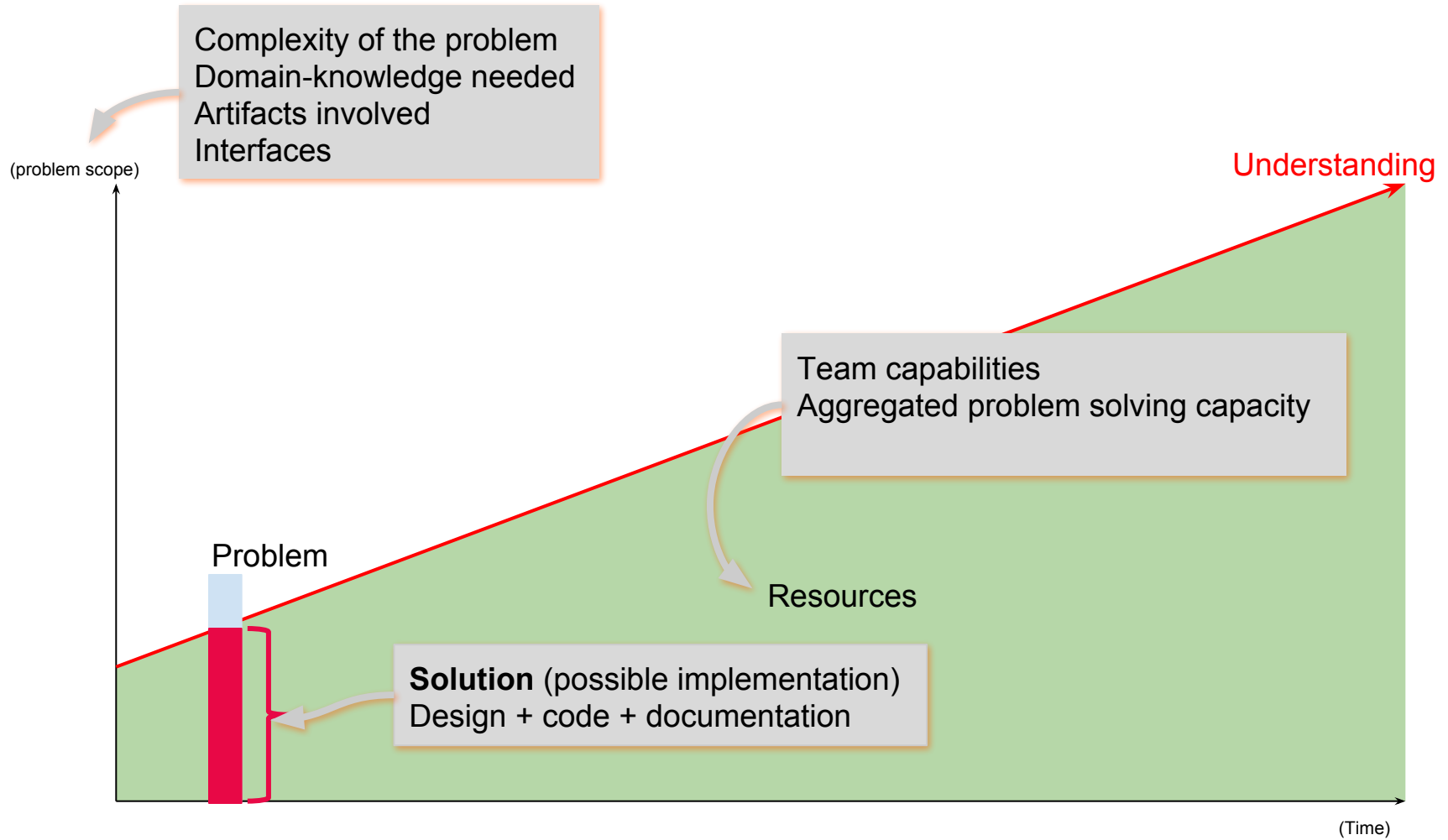
- *“A little debt speeds development so long as it is paid back promptly with a rewrite.”*

Term first introduced in 1992, by Ward Cunningham
([OOPSLA '92 - Experience Report](#))

- A generally misused [metaphor](#)
- Another analogy: [shovelling forward](#)

*We acquire **debt** consciously knowing that it generates an **interest** that must be paid.*

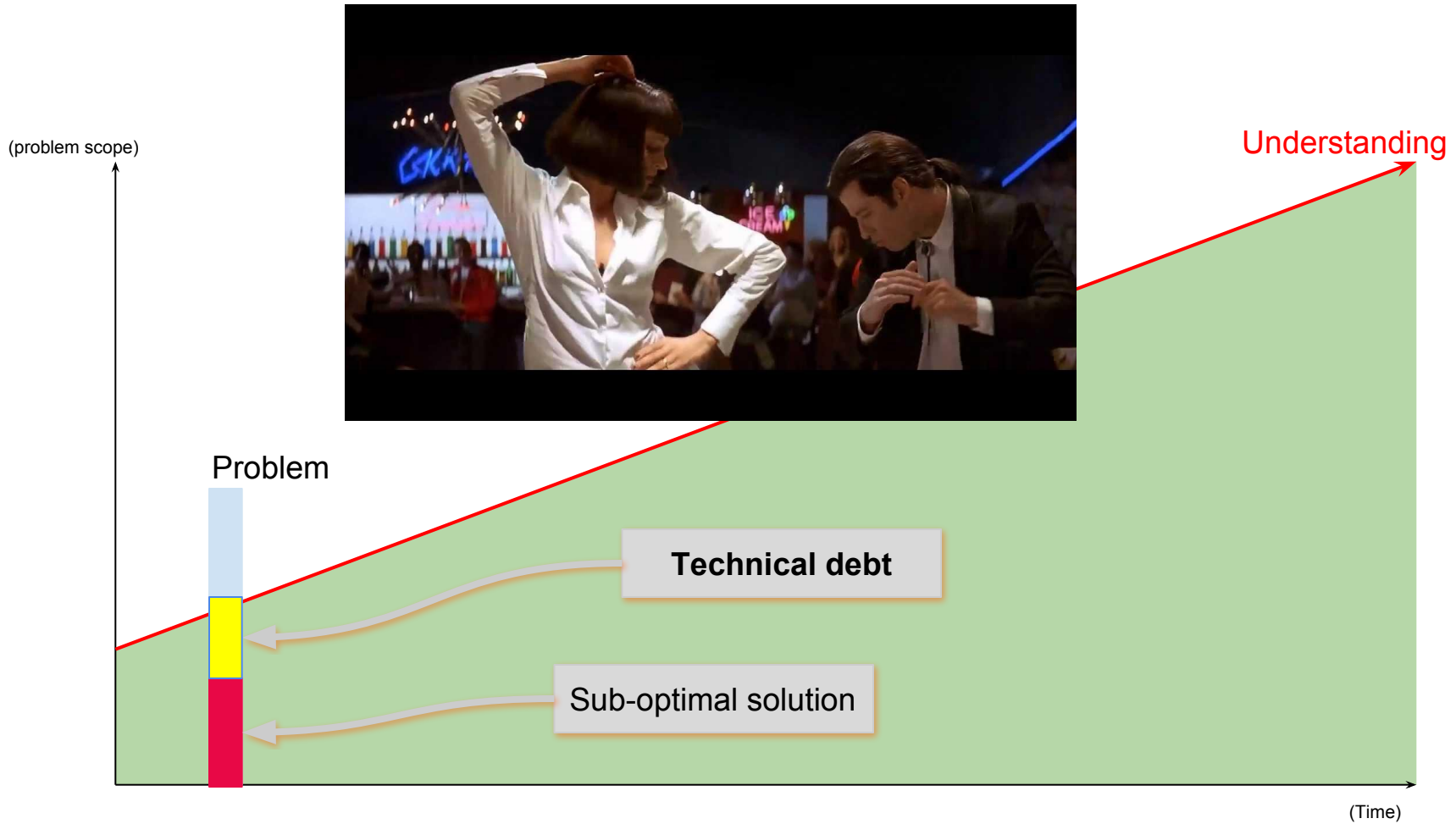
Problem solving model



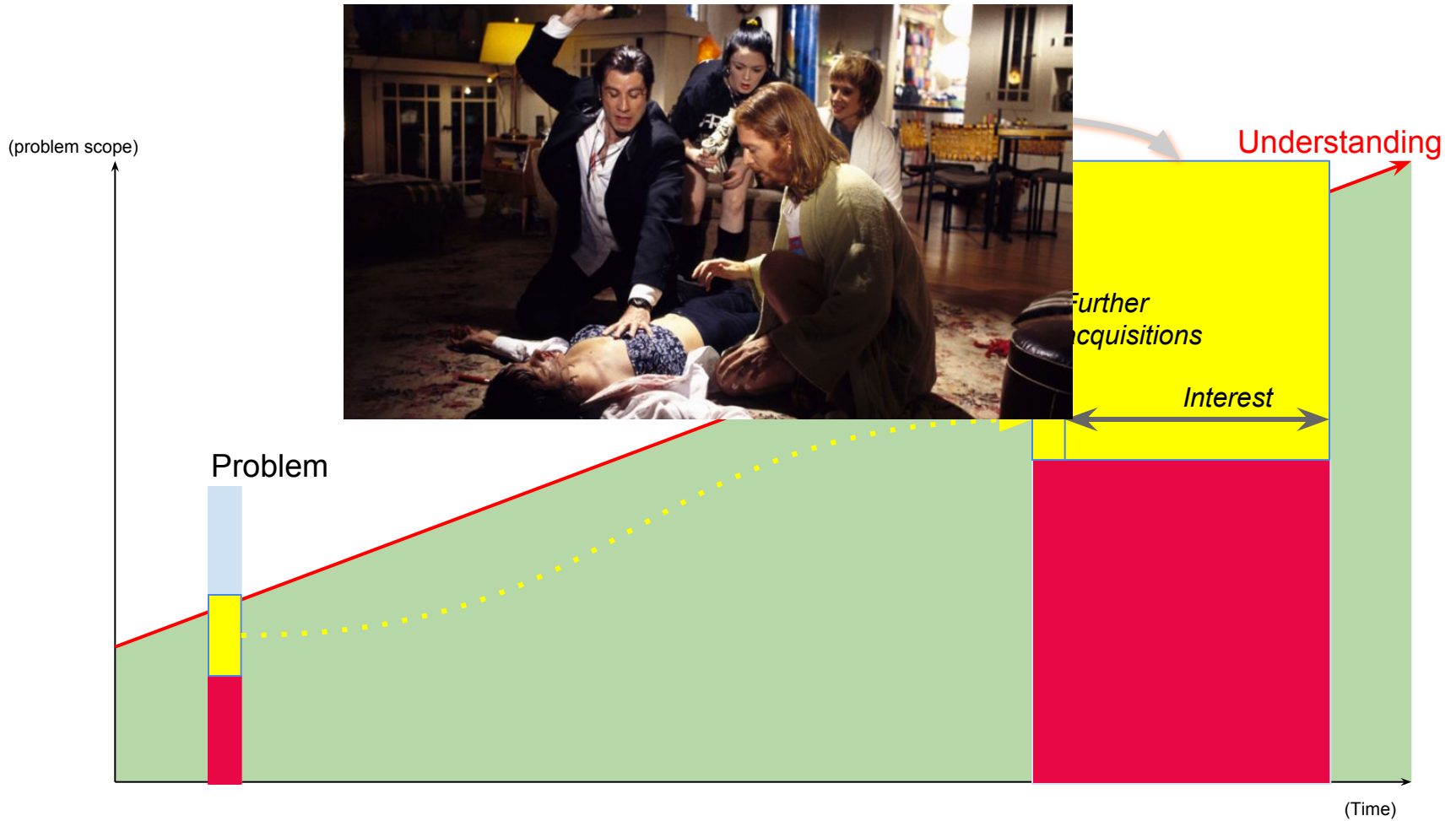
Problem complexity over time all is good



Technical debt acquisition go get it!



Technical debt growth out of control!



A tweet

<https://twitter.com/practicingdev/status/968175299581108224>



Practicing Developer

@practicingdev

Seguir



It isn't technical debt if you aren't...

- 1) Leveraging it to get something valuable up front
- 2) Paying interest on it regularly
- 3) Treating it as a liability that you may eventually need to pay in full

Code that doesn't meet this criteria isn't debt, it's just low quality work.

 Traducir Tweet

9:25 - 26 feb. 2018

Conclusion: management be a good boy

Technical



Implementation

Full-team & *stakeholders* responsibility



Must be managed

Tech-debt management pay your debts

- **Limit by points**

(Assumes estimated issues) Don't allow accumulating more than X points of tech-debt (pay it!)

- **Limit by count**

Don't allow accumulating more than X tech-debt issues

- **Limit by age**

Don't allow tech-debt issues older than X days/sprints/releases

- **Continuous payment**

(Assumes Scrum) Ensure that some tech-debt is paid on each Sprint



References

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- <http://wiki.c2.com/?ComplexityAsDebt>
- <https://web.archive.org/web/20151111011323/http://ronjeffries.com/articles/015-11/tech-debt/>
- <https://martinfowler.com/bliki/TechnicalDebt.htm>
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- <http://www.ben-morris.com/technical-debt-is-an-overused-and-lazy-metaphor/>



Thanks

¿Questions?

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