

Your team vs kebab place!

Theory of constraints – primary DevOps element – explained!



Konrad Otrębski



[konradotrebski](#)



[kmotrebski](#)

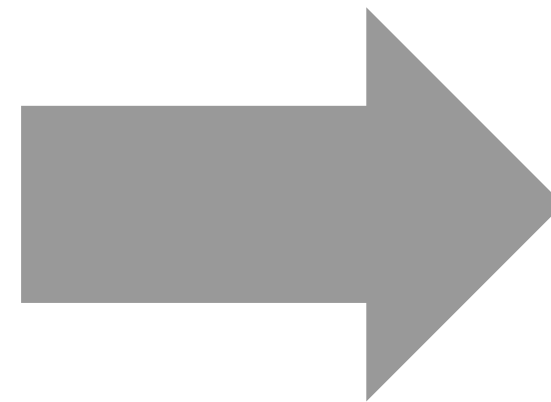
YOUR TEAM vs KEBAB PLACE! Theory of constraints – primary DevOps element – explained!

Learning!

????????

Operations in general

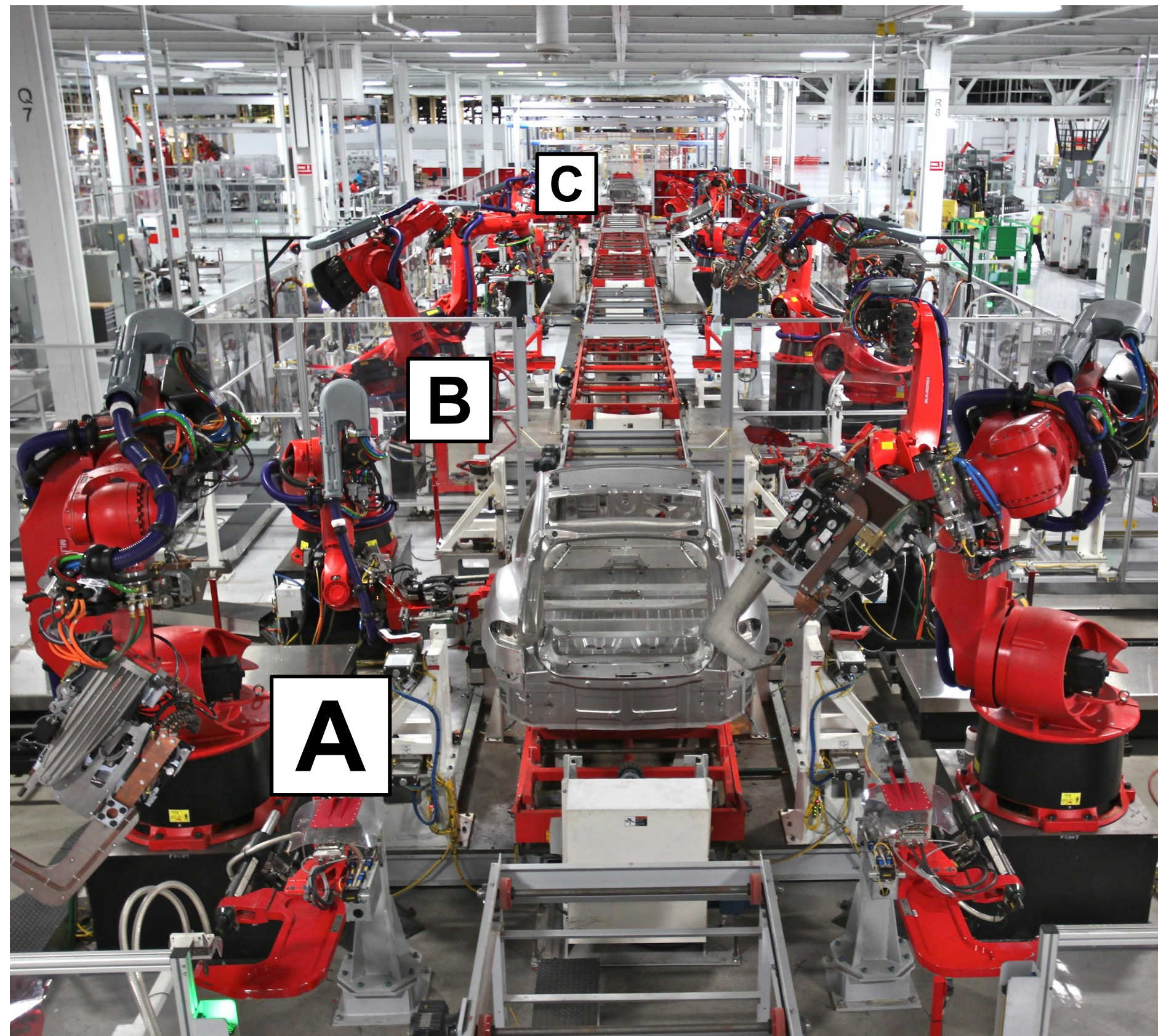
Theory of
Constraints

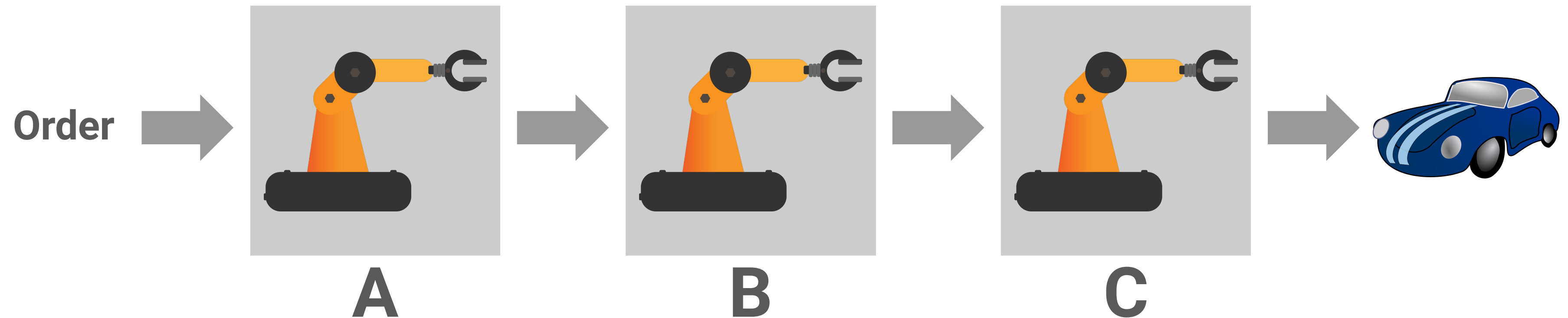


Software delivery

DevOps

We all work in a factory







GRILLHÄHNCHEN



BÖREK TELLER



LAHMACUN

DÖNERTREFF

DÖNER & GRILLHENDL



DÖNER TELLER



PIZZA



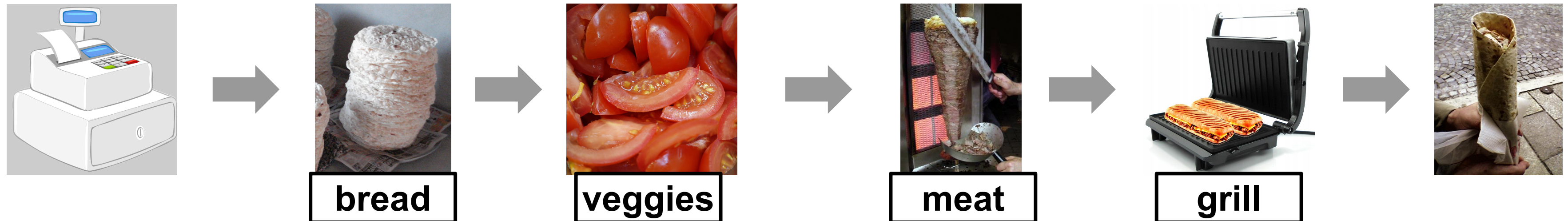
FALAFEL DÜRÜM

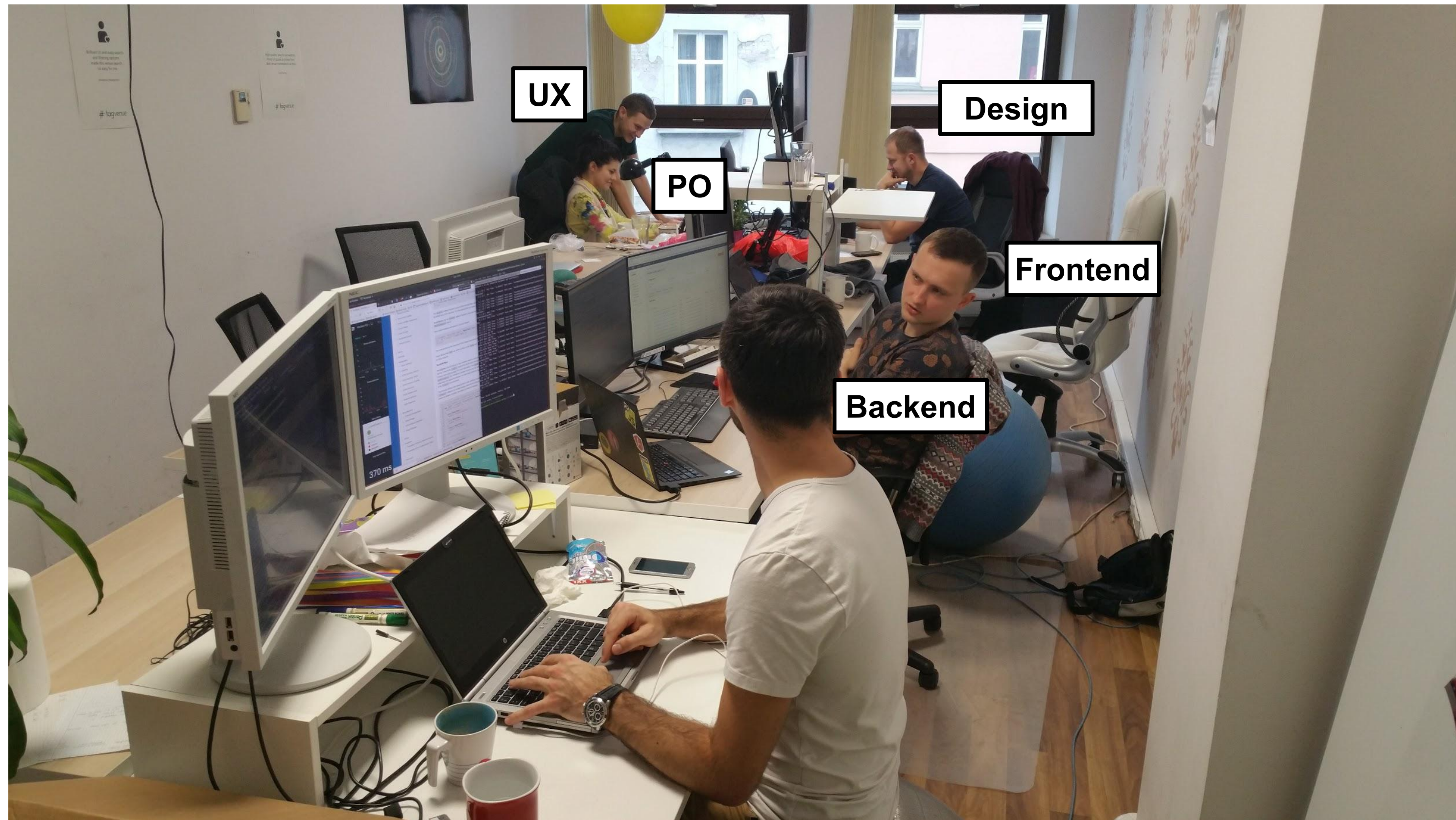


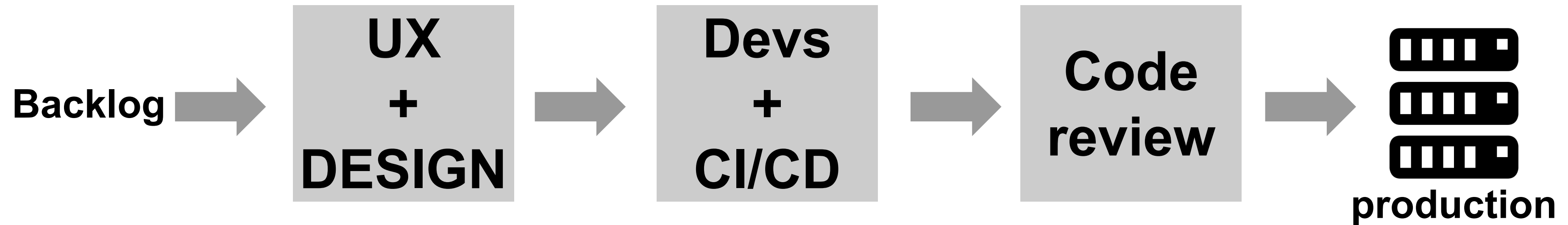
DÖNER BOX



YOUR TEAM vs KEBAB PLACE! Theory of constraints – primary DevOps element – explained!





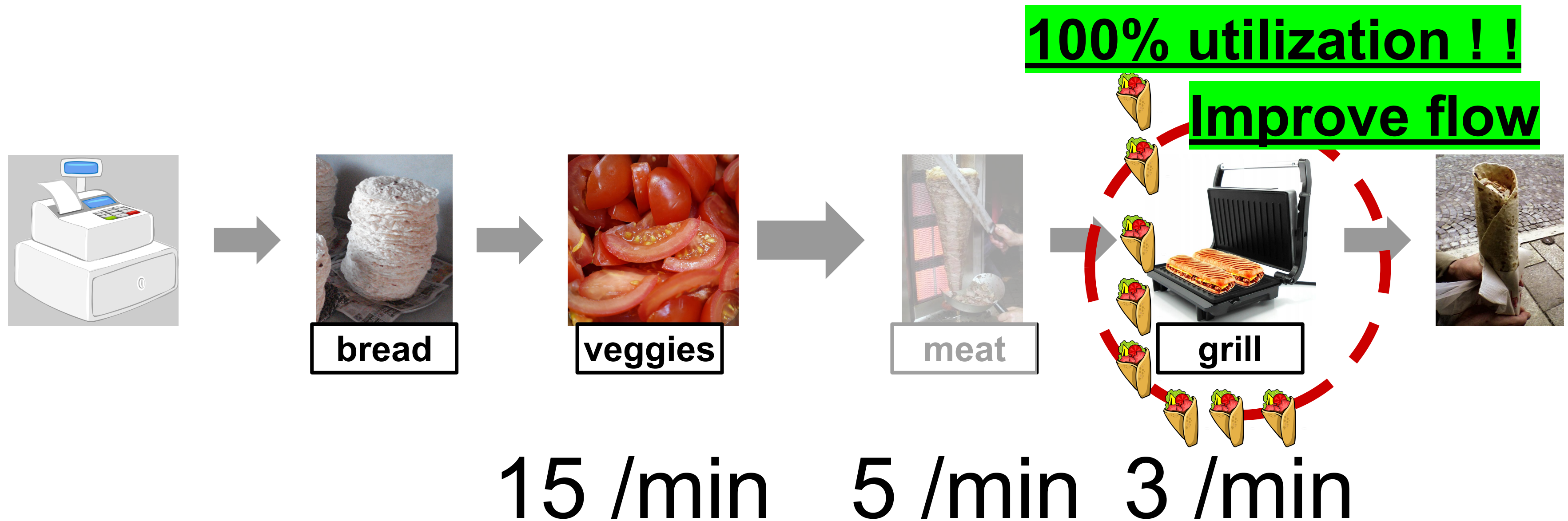


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Bottleneck

aka constraint

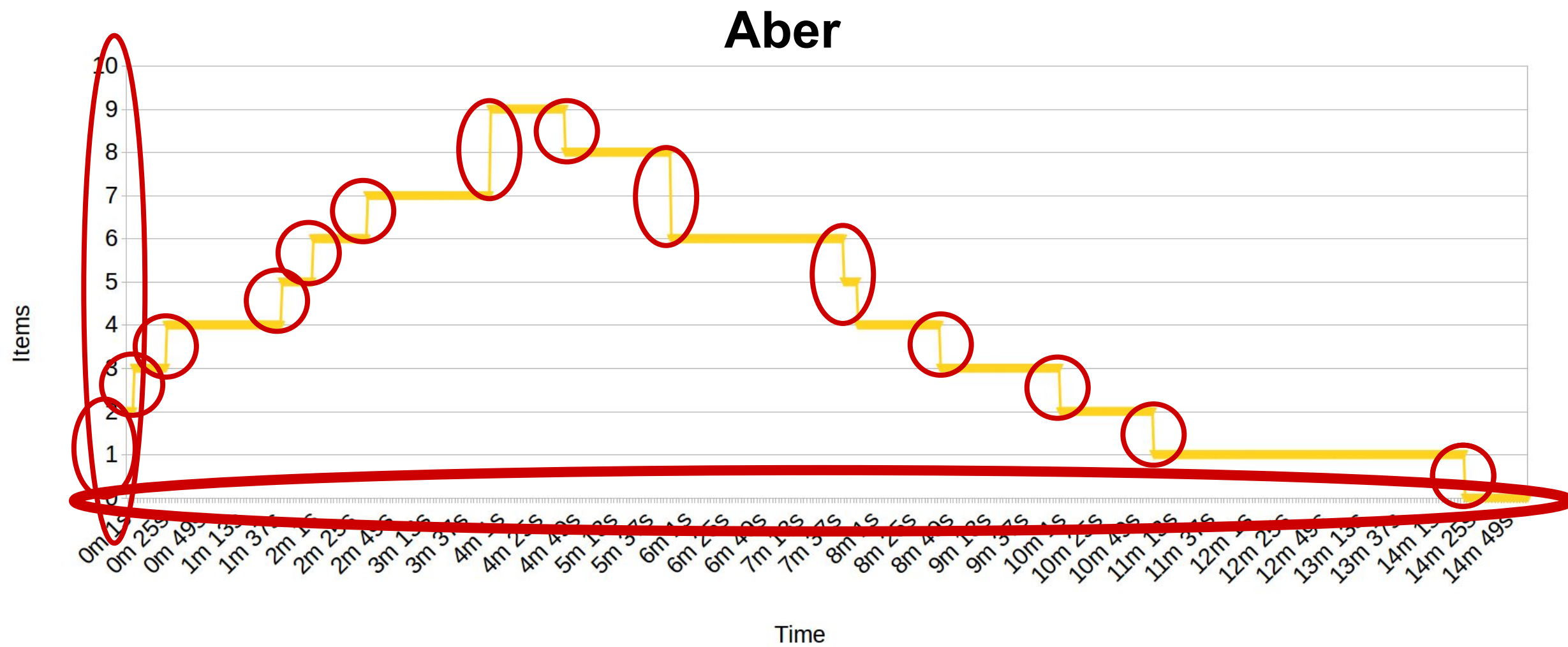
waste in the bottleneck = waste of the whole system



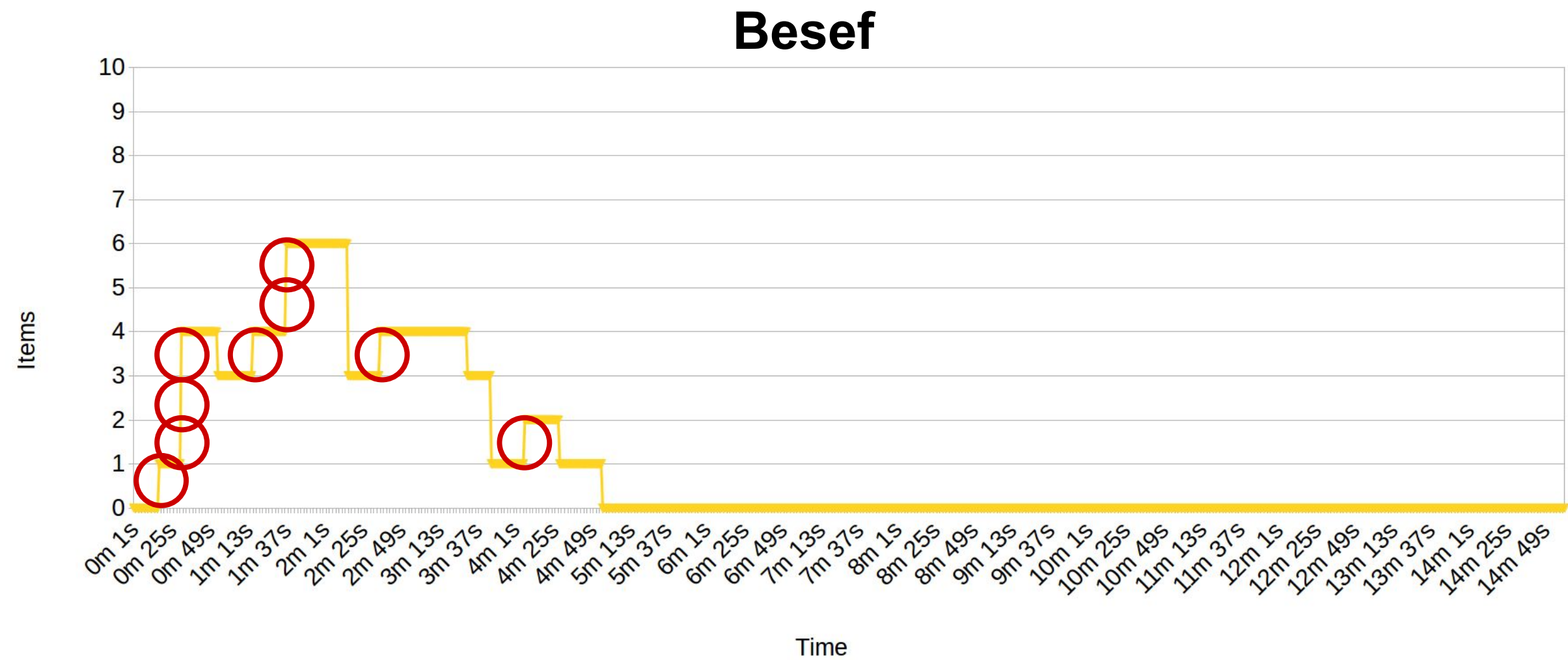
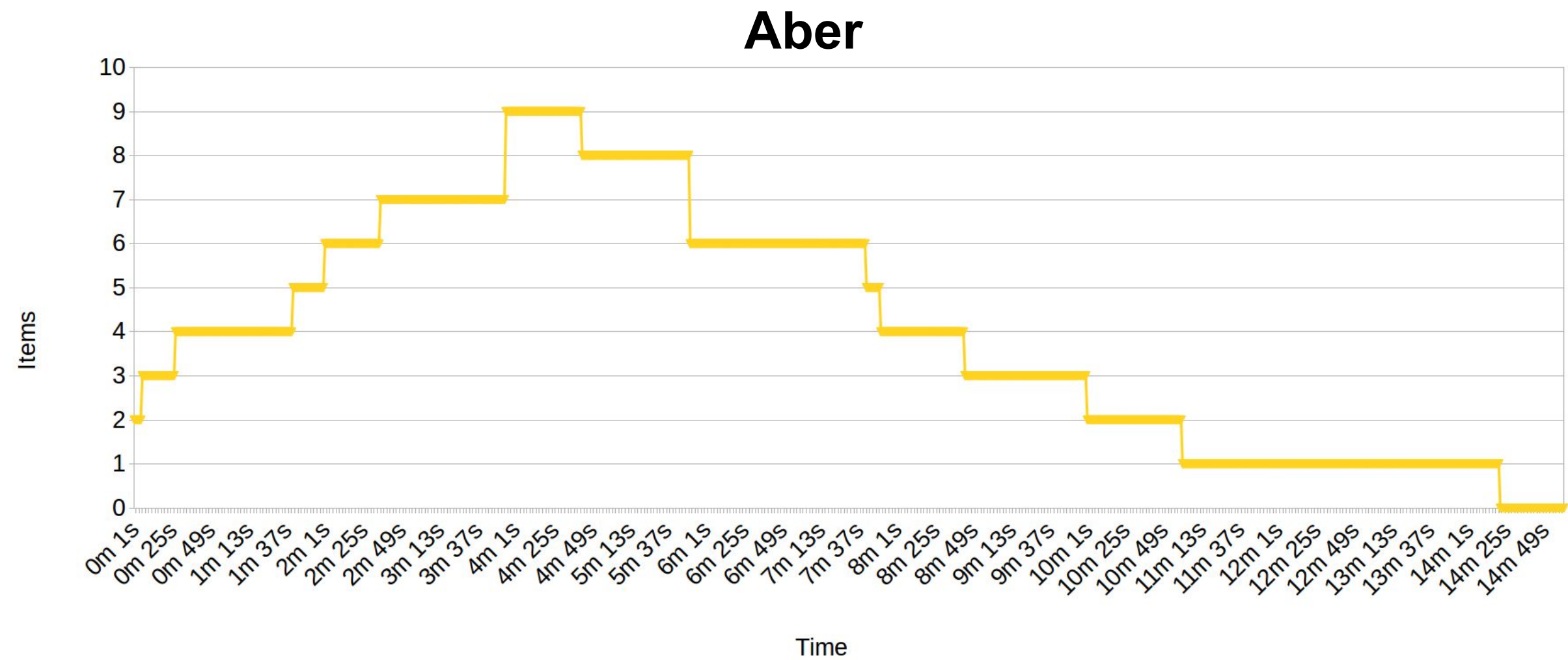
5 min x 3 /min = 15 kebabs LOST !!



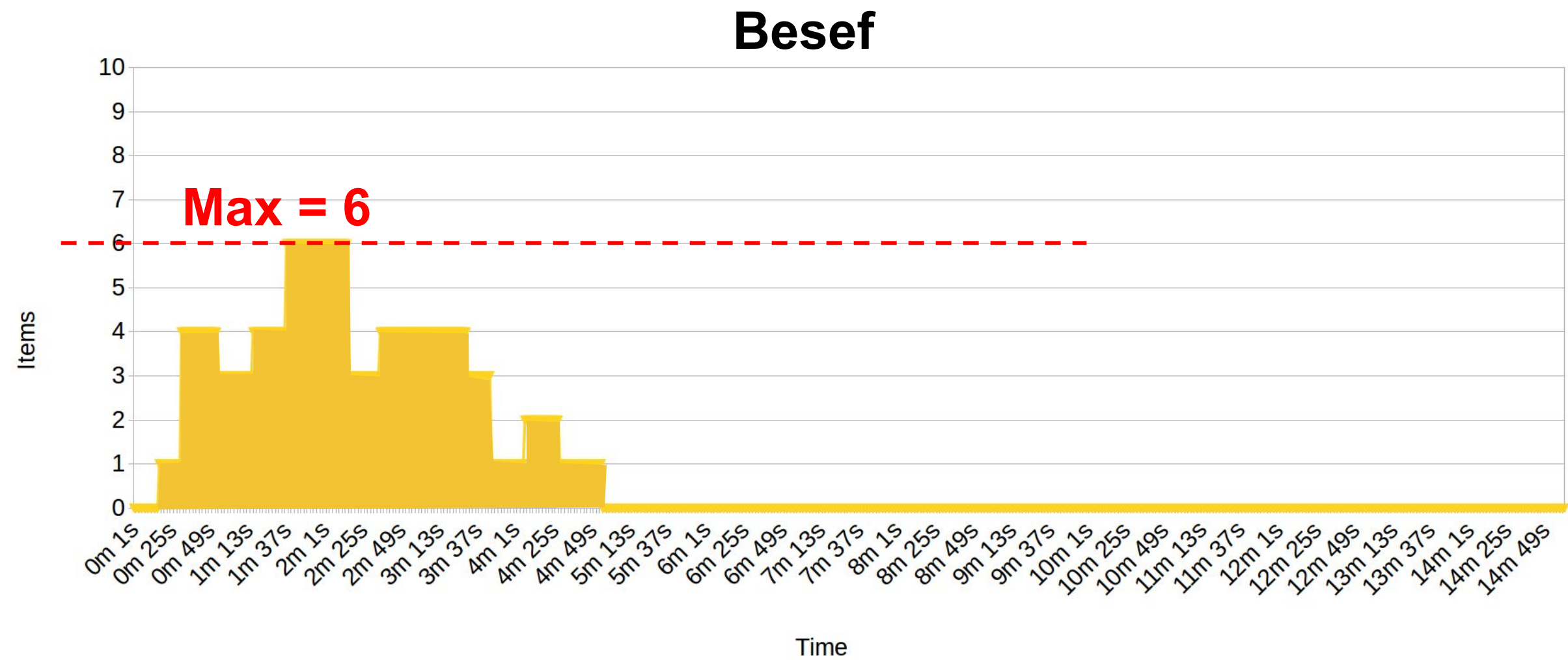
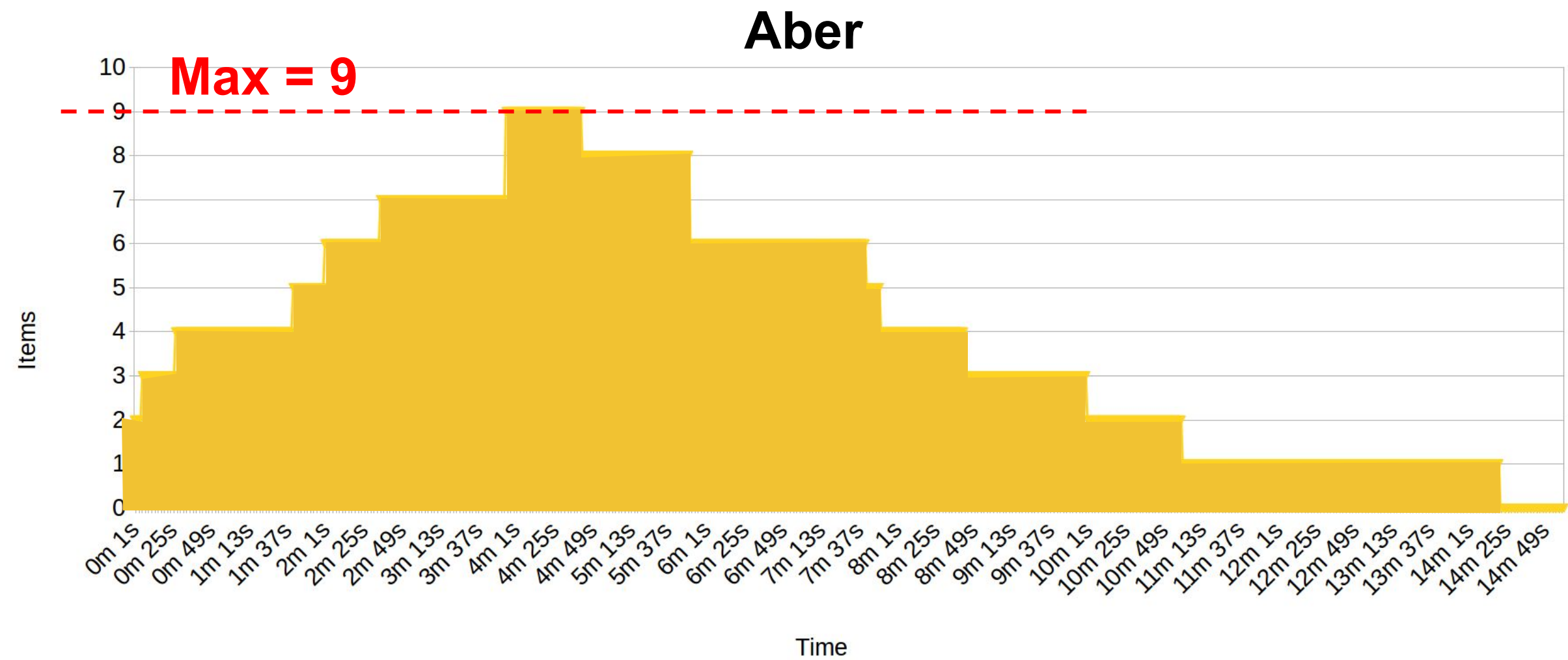
Work in progress



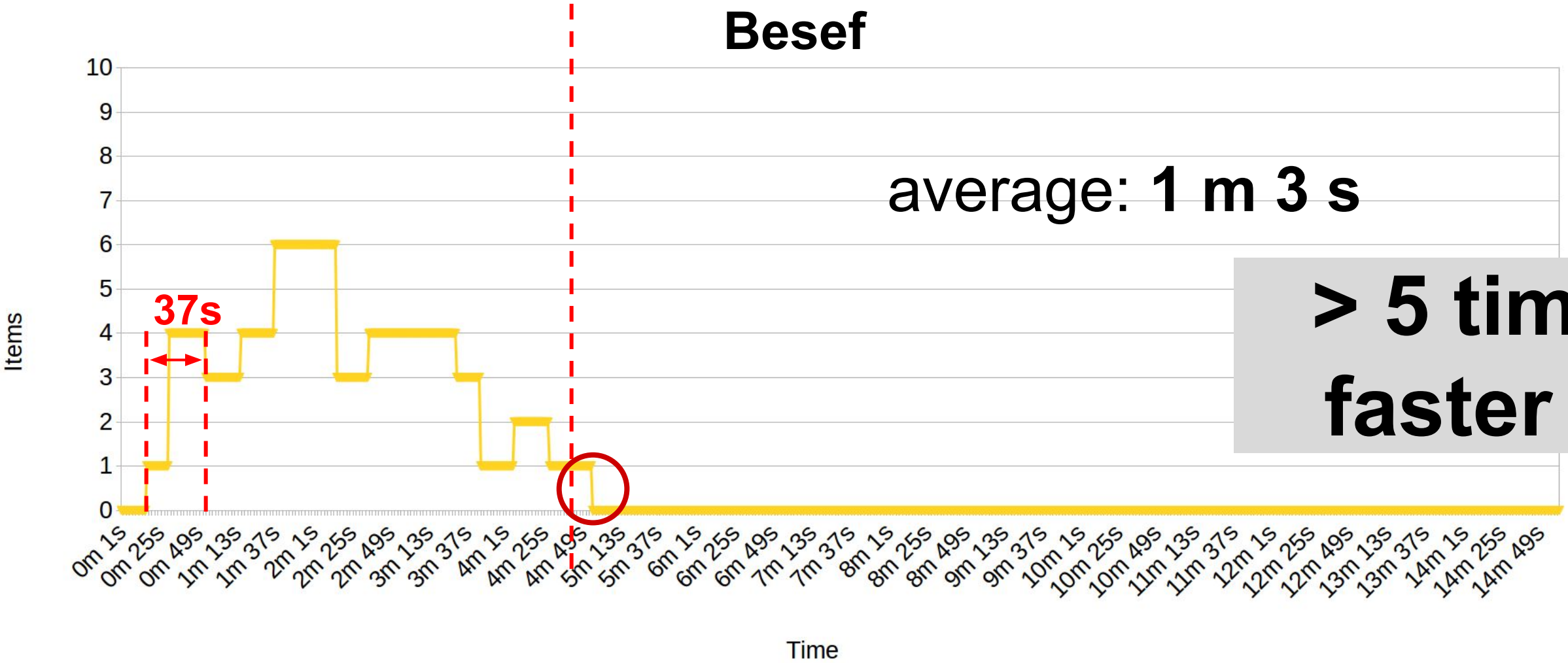
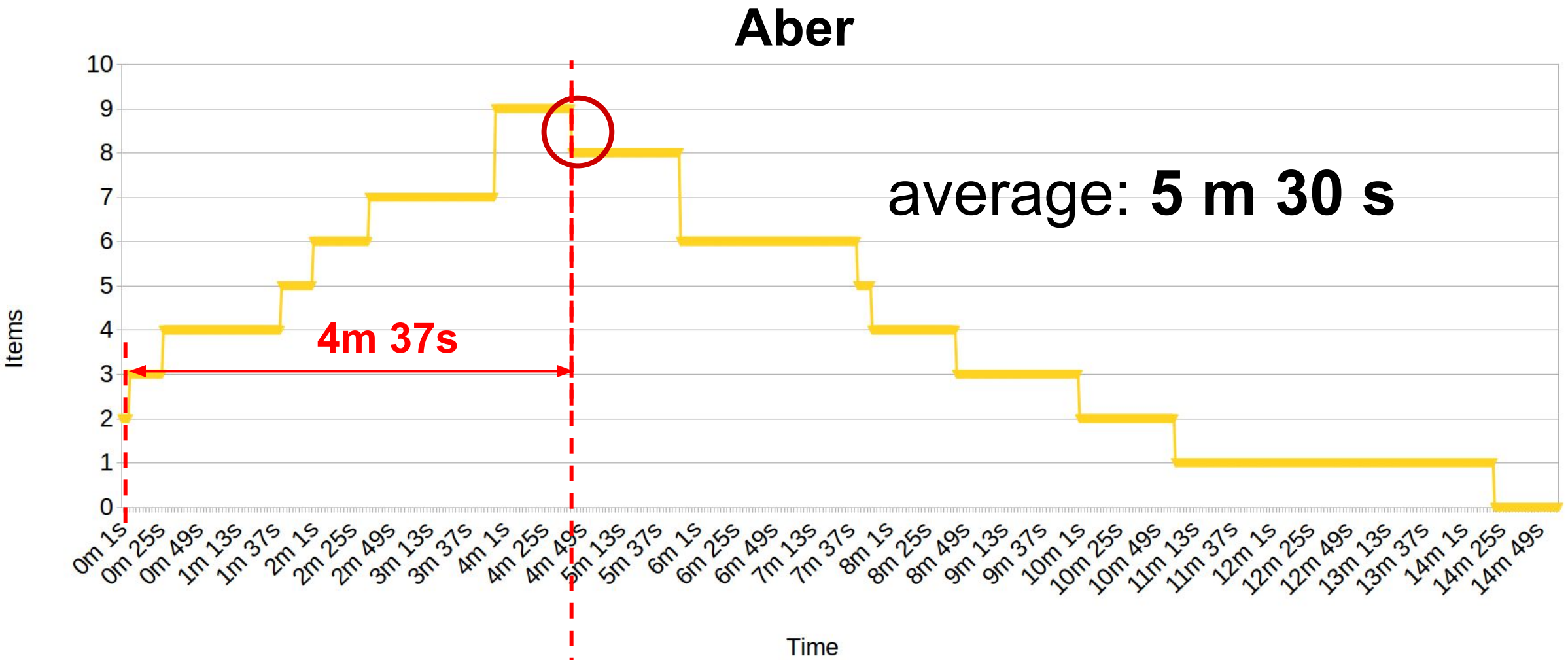
Work in progress



Work in progress



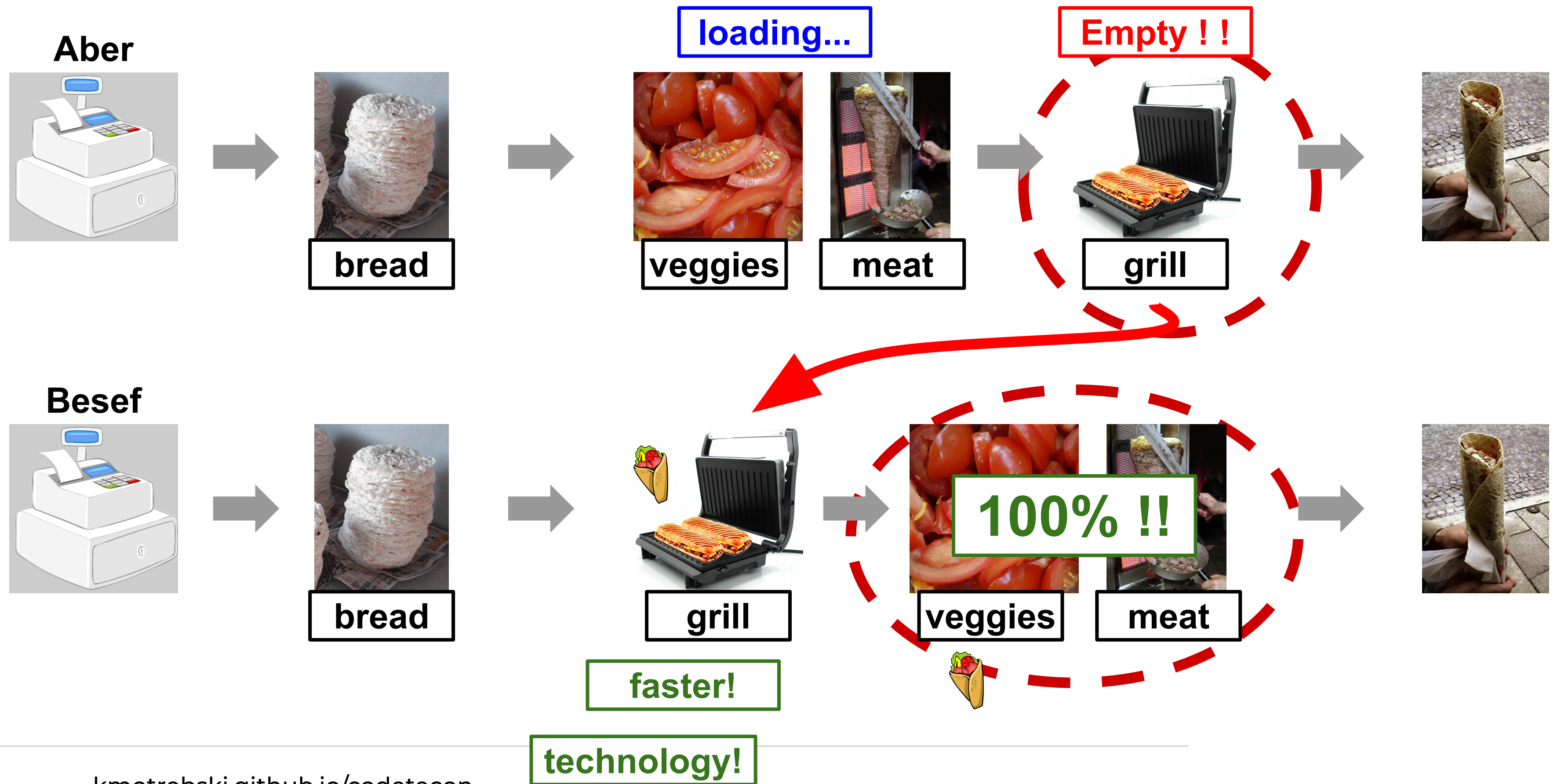
Lead time



**> 5 times
faster (!)**

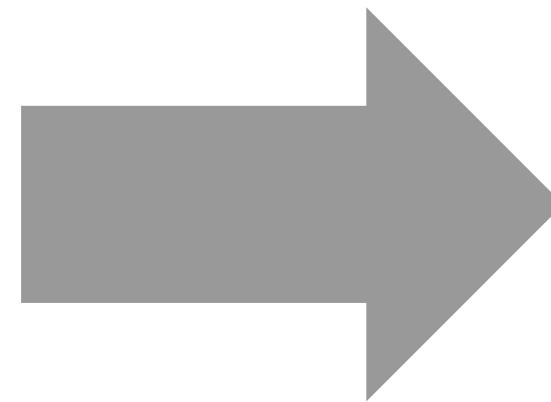
????????

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Operations in general

Theory of
Constraints

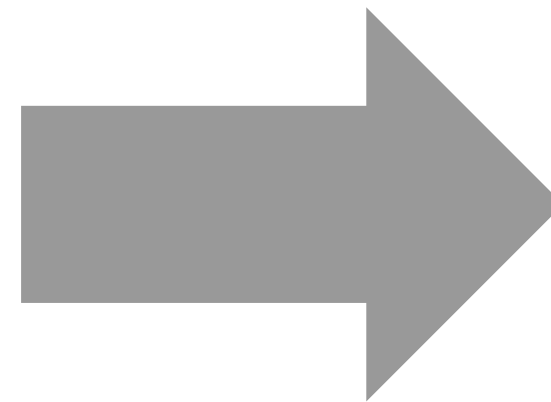


Software delivery

DevOps



faster!



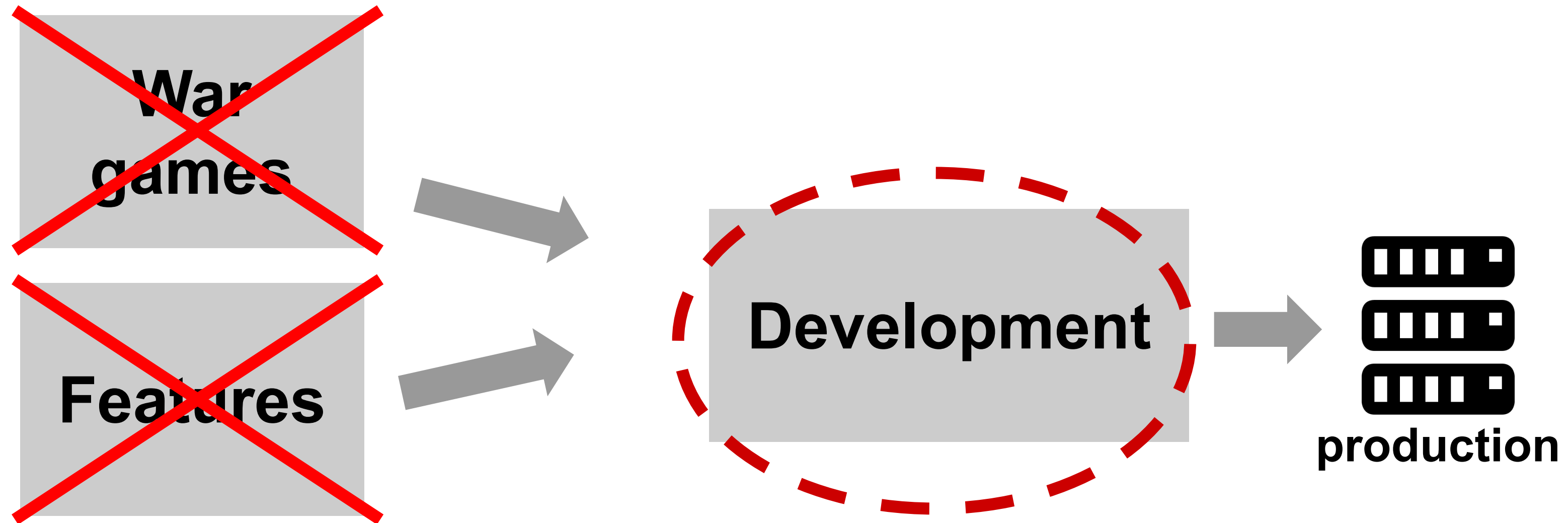
Automation!
tests!

infrastructure
as code

monitoring

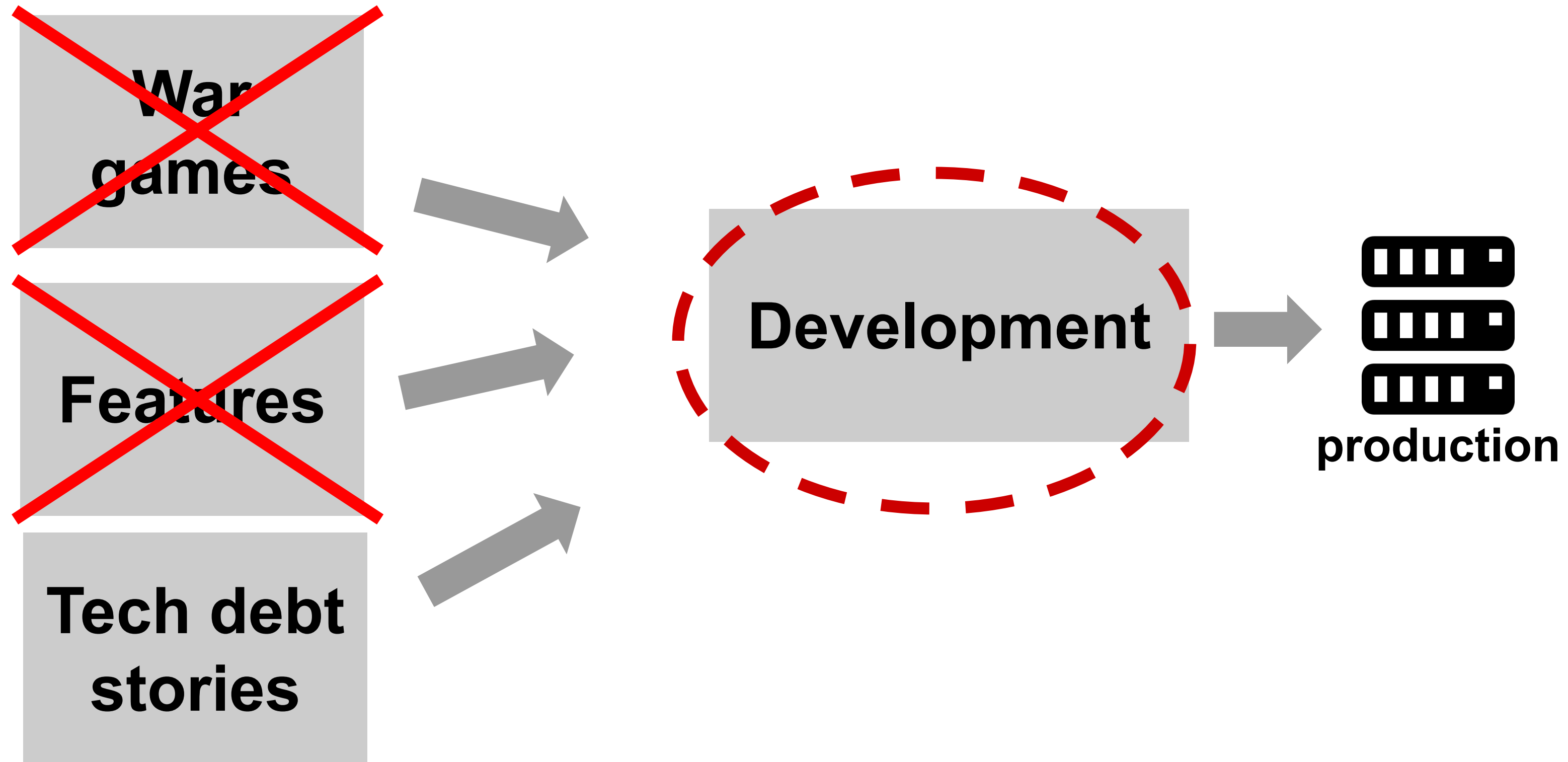
logging

Keeping constraint 100% utilized



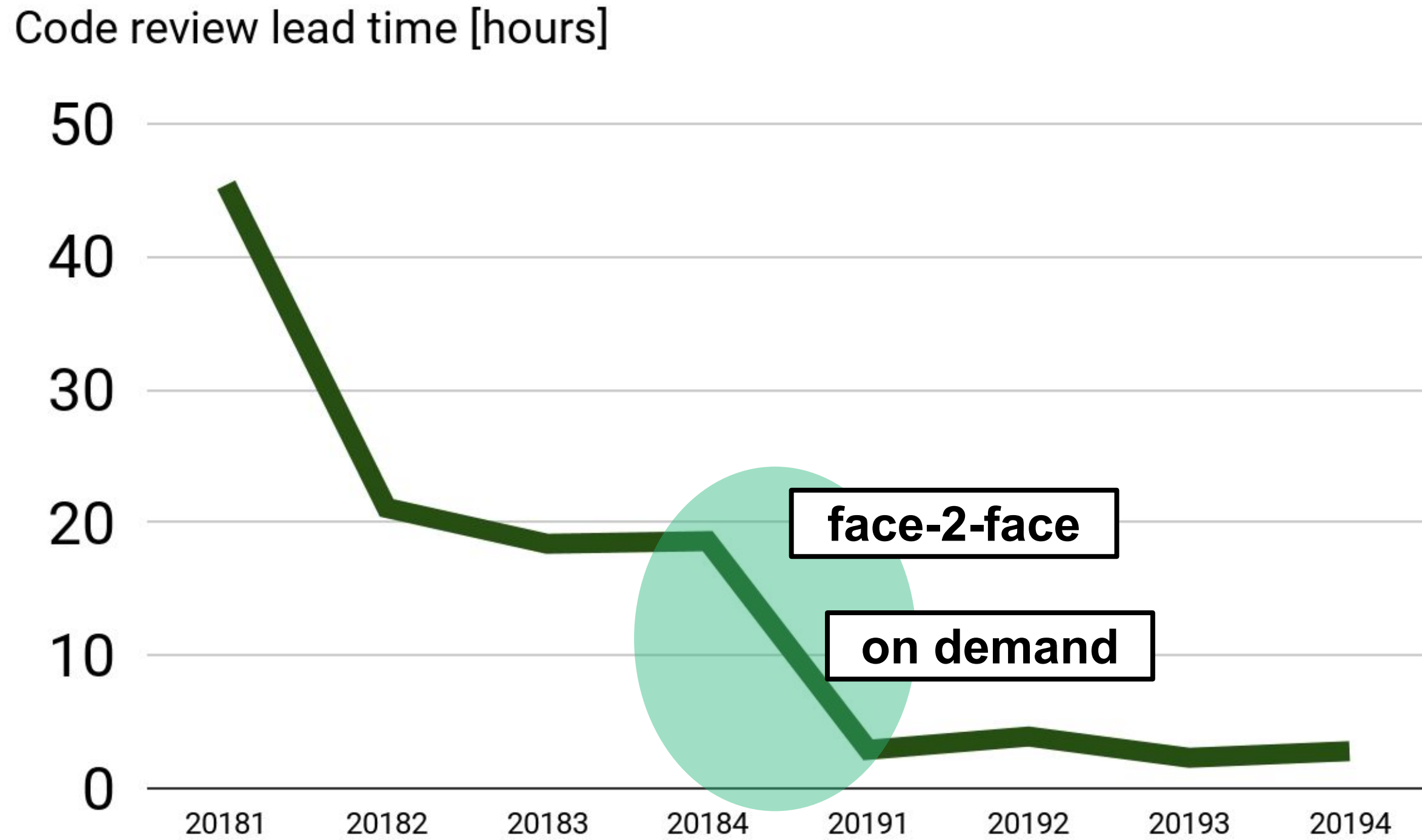


Keeping constraint 100% utilized



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Improve flow in the constraint



4 devs
~ 150 deployments

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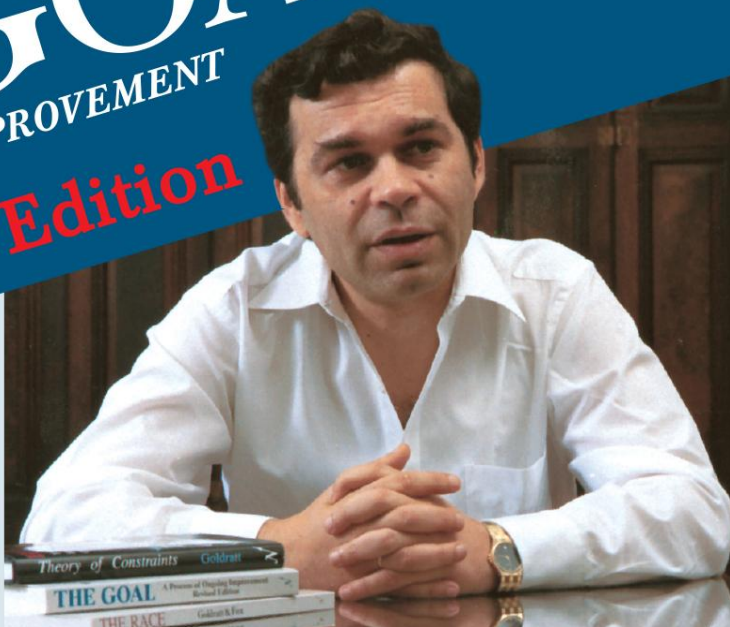
Includes bonus presentation by the author

Eliyahu M. Goldratt and Jeff Cox

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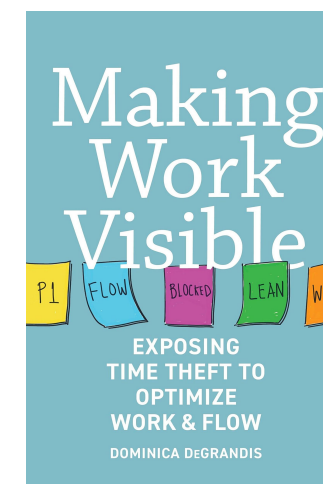
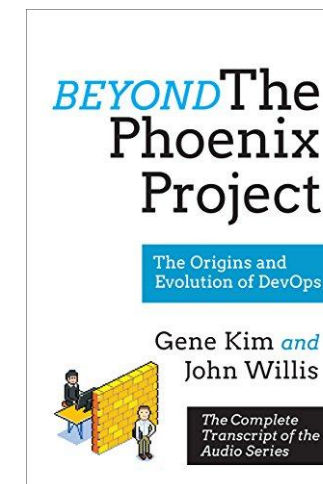
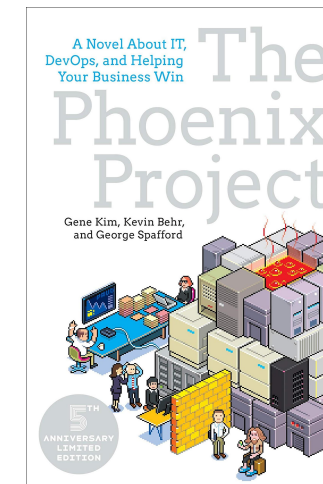
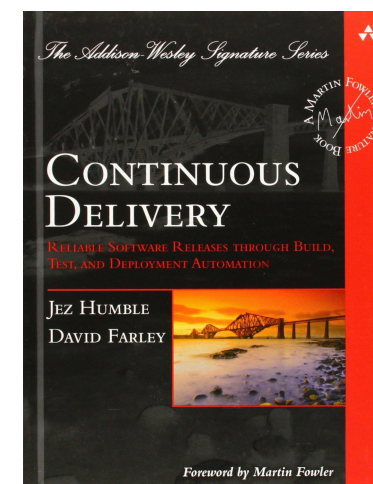
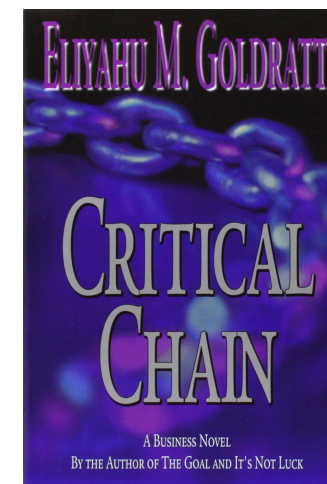
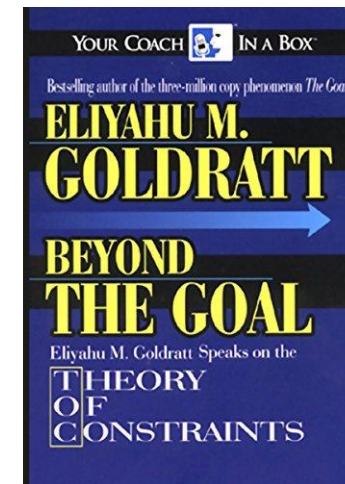
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Tom Peters

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The DevOps Handbook

HOW TO CREATE WORLD-CLASS AGILITY, RELIABILITY, & SECURITY IN TECHNOLOGY ORGANIZATIONS

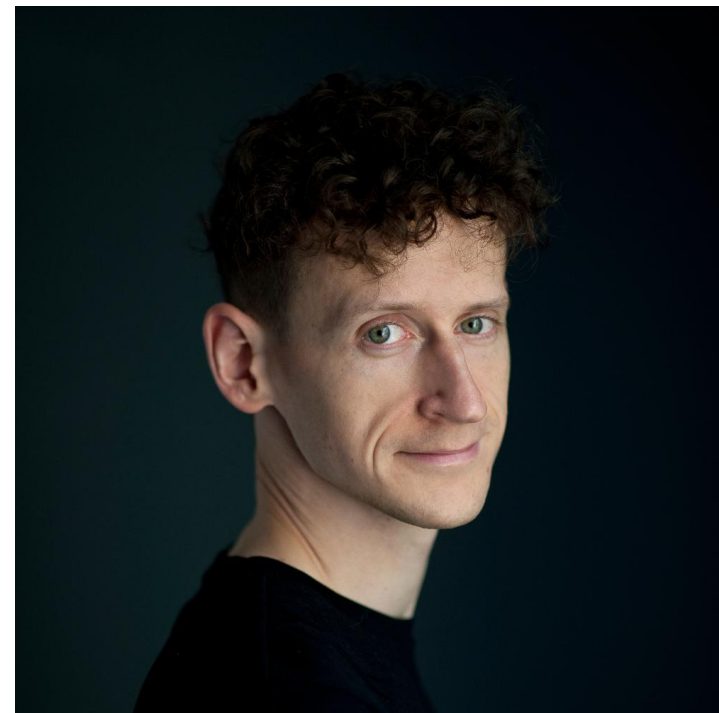


GENE KIM, JEZ HUMBLE, PATRICK DEBOIS, & JOHN WILLIS

FOREWORD BY JOHN ALLSPAUGH

Thanks!

Questions!



Konrad Otrębski



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Slides
& trip to Besef!



kmotrebski.github.io/codetecon