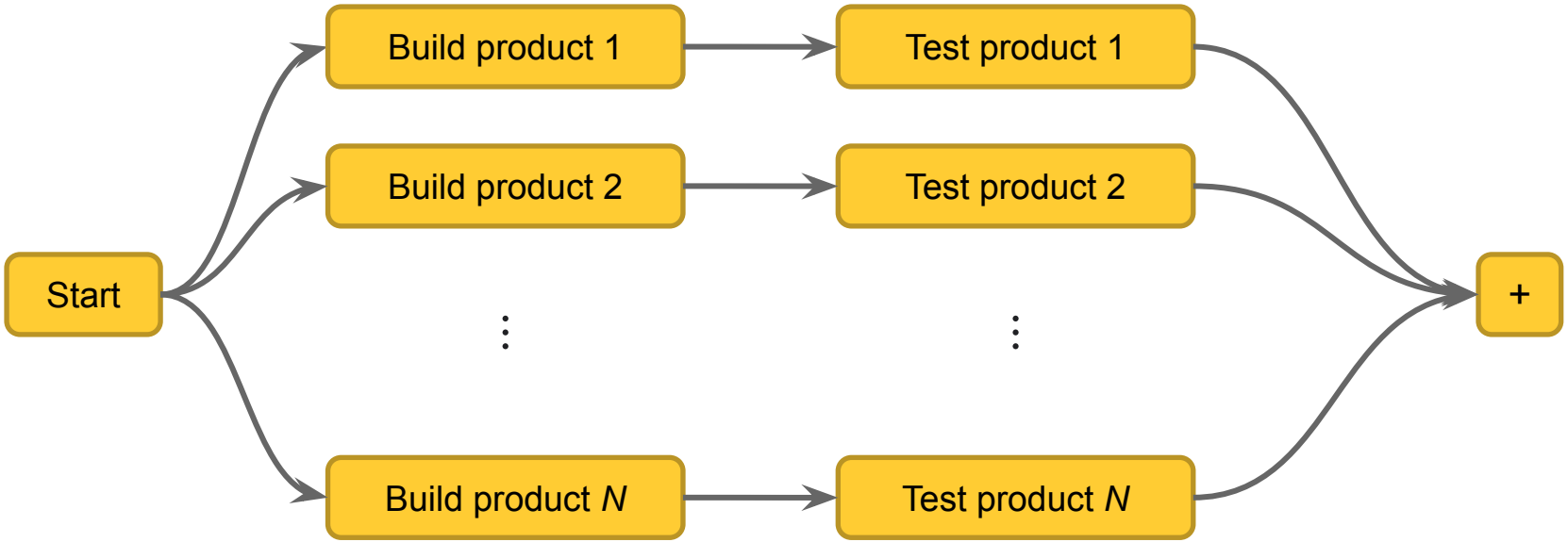
2021-09-23

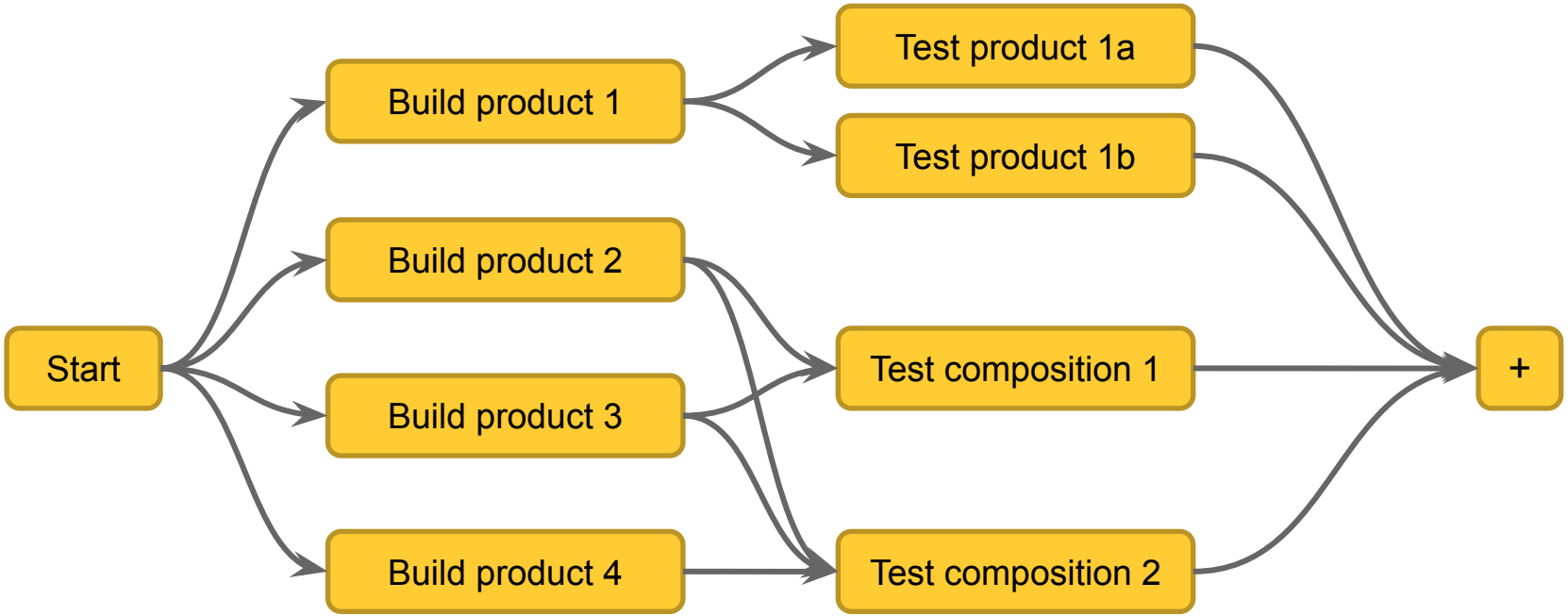
Using Eiffel to implement event-triggered pipelines

Magnus Bäck

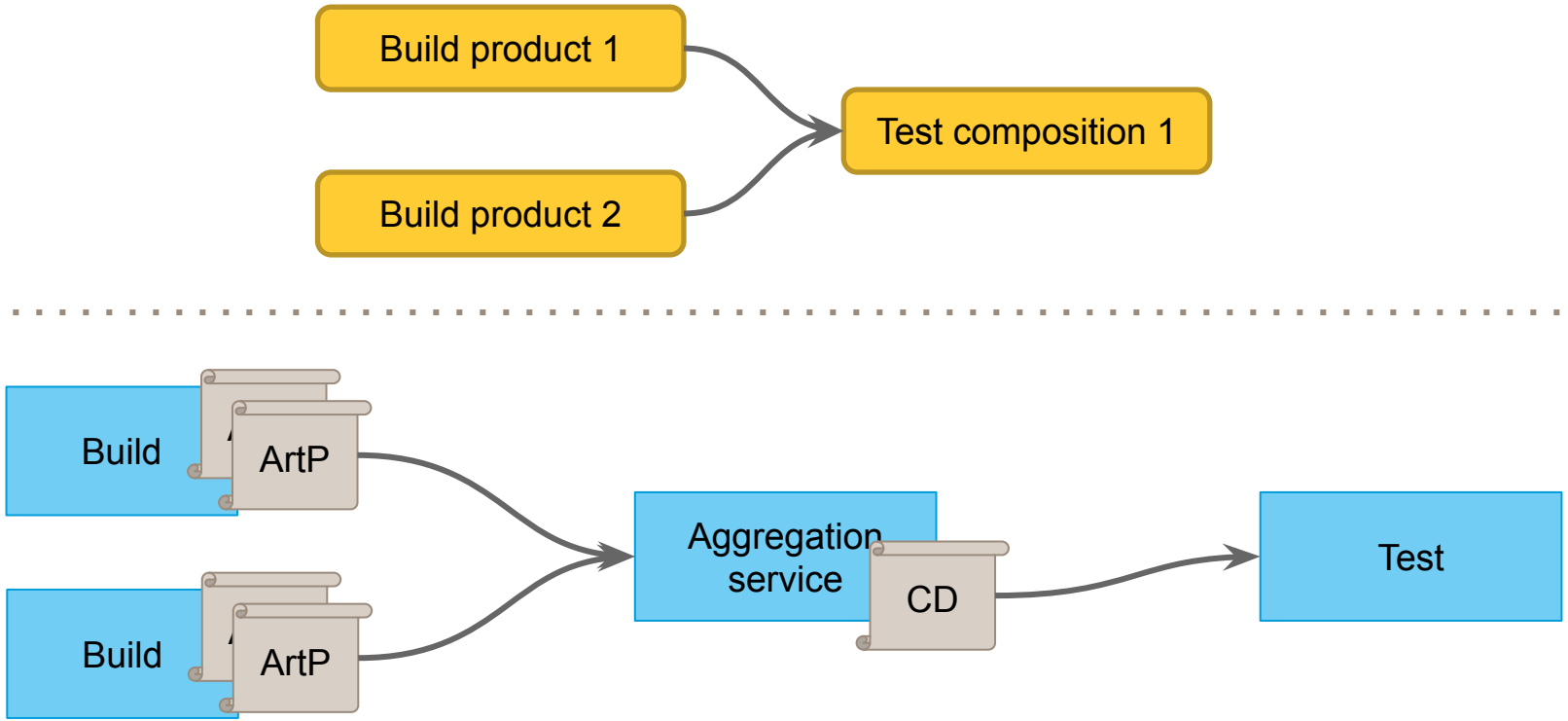
What our pipelines used to look like



What we want our pipelines to be able to look like

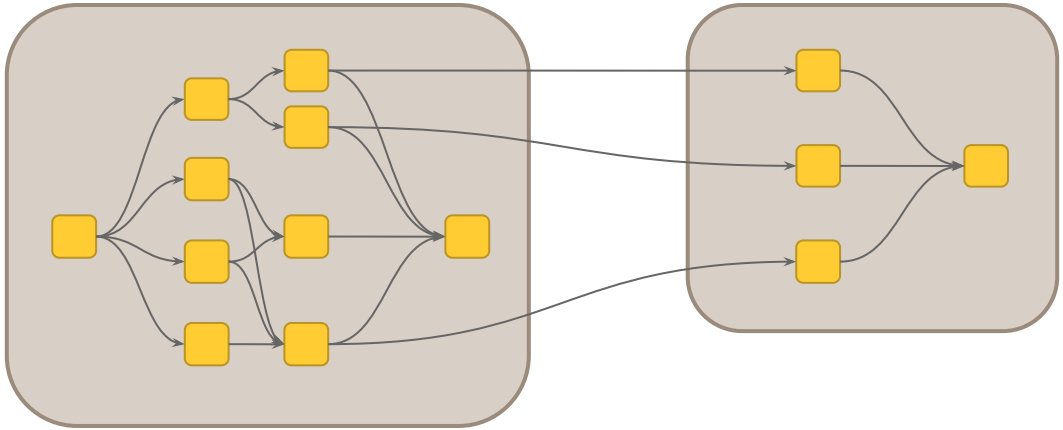


Tempting but naïve fan-in implementation



Best idea so far: Eiffel-aware pipeline orchestrator

For each observability domain, use a central orchestrator for each pipeline. An orchestrator builds and executes the execution graph in an Eiffel-aware manner.



Megapixel
Quality
Ease of use
Network video
Reliability
open
Innovation
Easy installation
Protect
Service
all the way
support
integration
Thank you!
Image
usability
Thermal
Convergence
HDTV
Access
control
Partners
World
Leader
Quality
Intelligent
Competence
Focus
Video
encoder
Safe
Cameras
Outdoor
Secure
Global