Tales of Serverless
a story about building scalable applications
KCD Zurich 2023 - Reto Lehmann

Who am I?

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Reto Lehmann
ReToCode

Software Engineer at Red Hat, working on **@knative**, containers, PaaS (OpenShift/Kubernetes) and cloud native stuff in general.

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Bern, Switzerland

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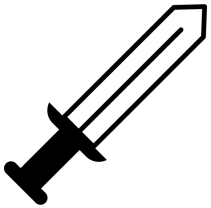
Welcome to enchanted Knative Lands

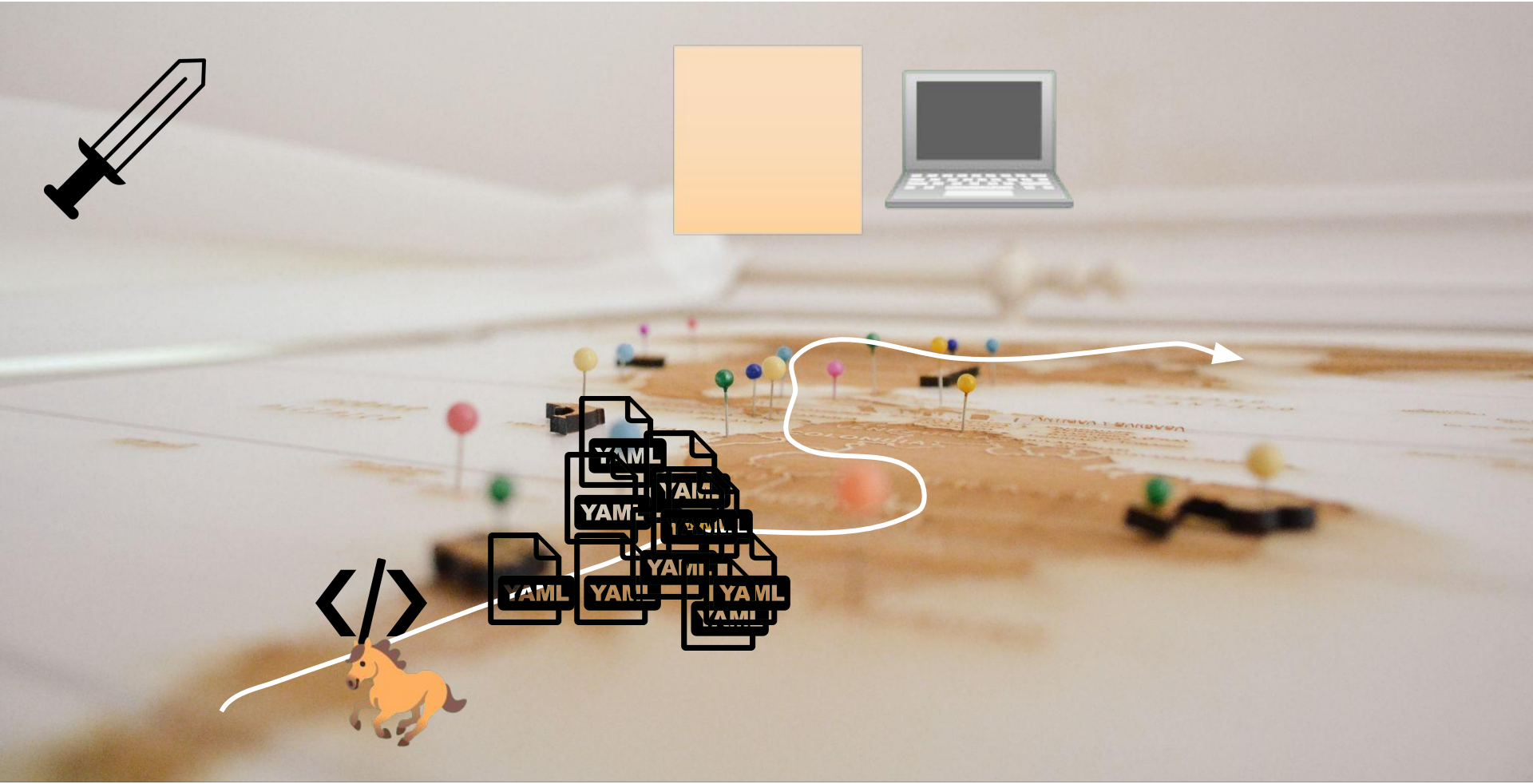
I am Reto, a Knative wizard that will accompany you through the unknown foreign lands of Serverless.



Developer-Knight

Save the 👸 and you can have whatever you want!

Almighty King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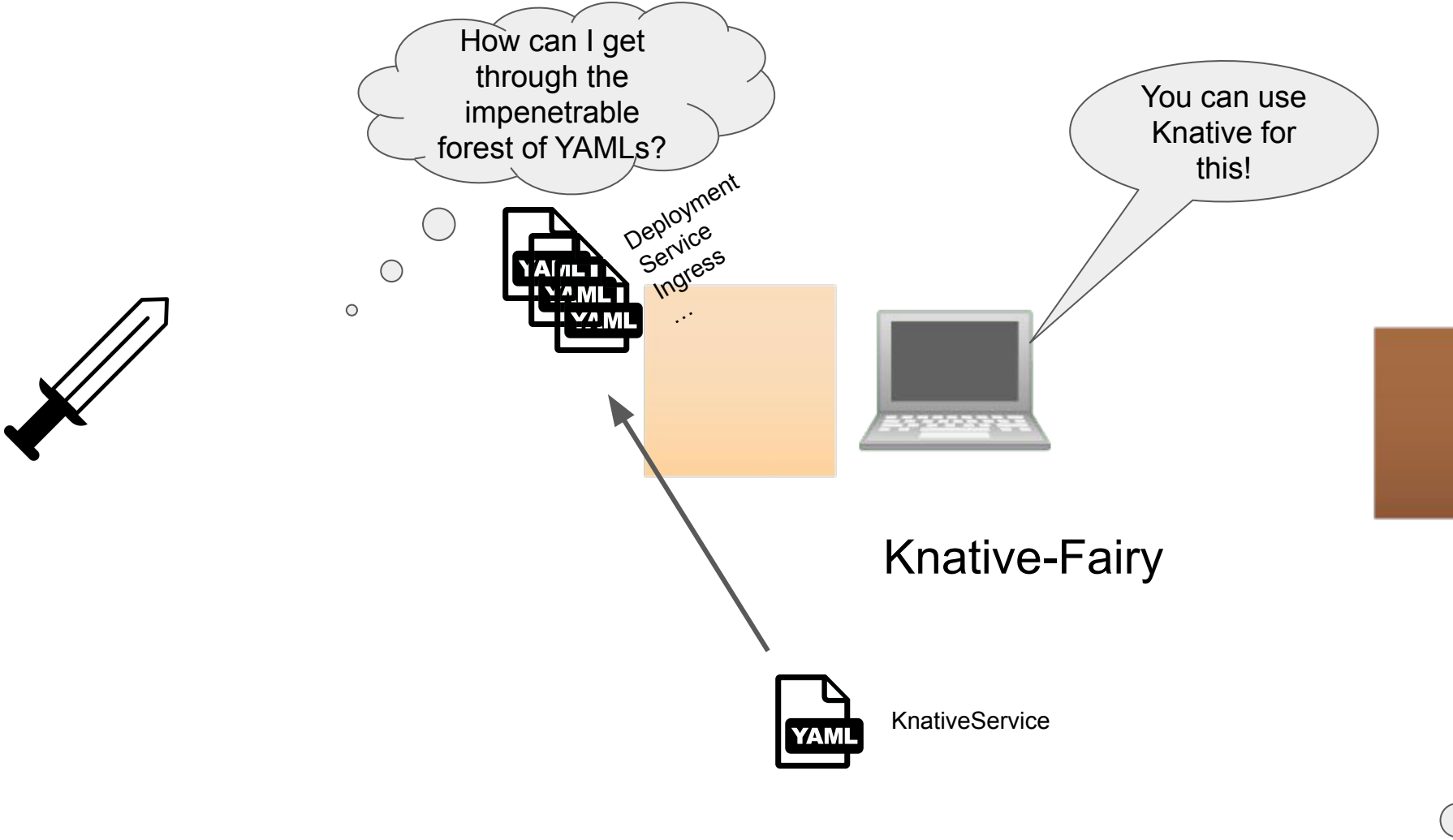
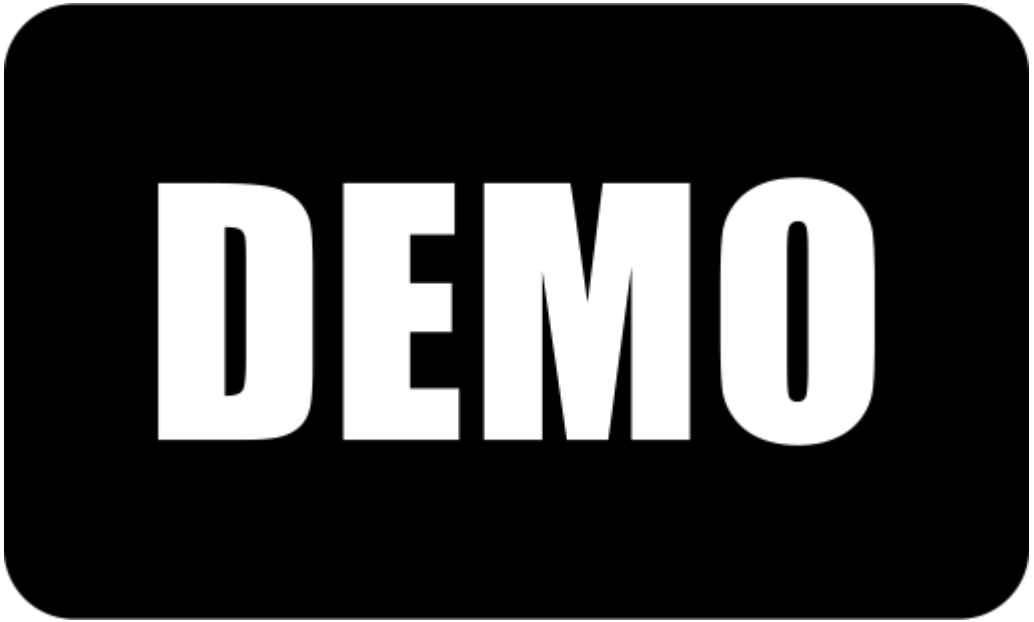
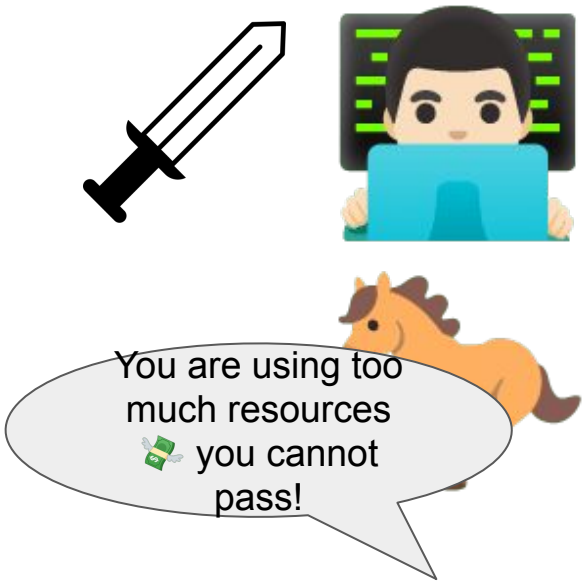

How can I get through the impenetrable forest of YAMLs?
Deployment
Service
Ingress
…
You can use Knative for this!
Knative-Fairy
YAML
KnativeService

DEMO 1: Show Knative-Service = Deployment, Service, Ingress

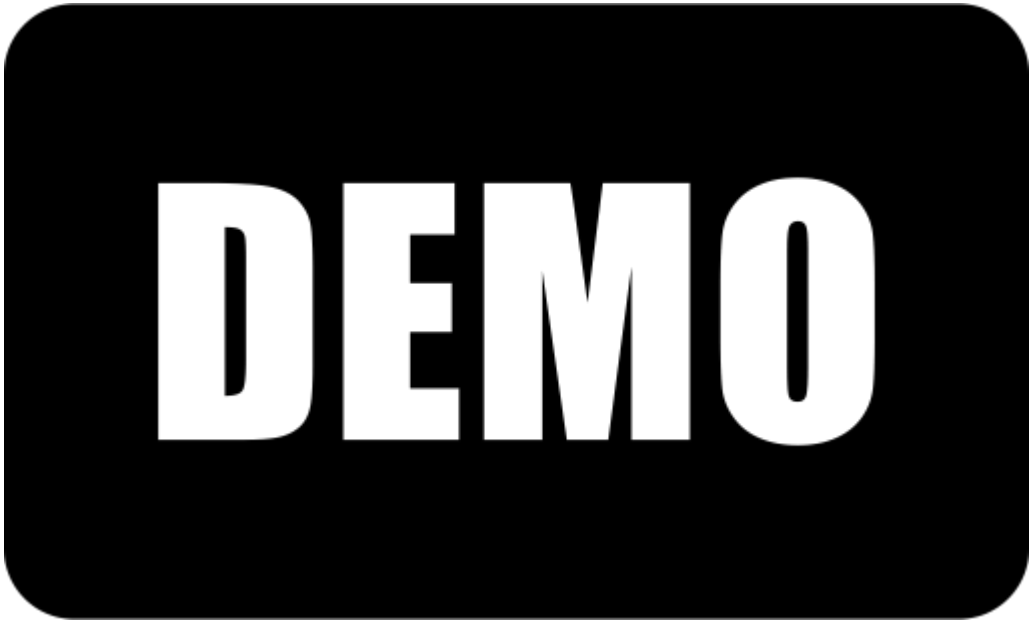


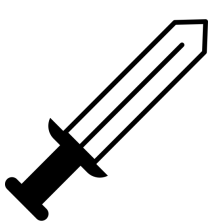


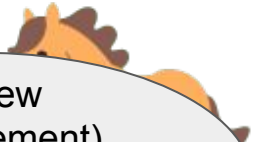
Finance-Dragon

You can use Knative for this!

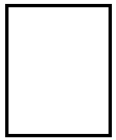
DEMO 2: Scale to Zero







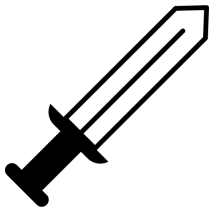
By new (management) policy only Kafka capable Horses are allowed to pass



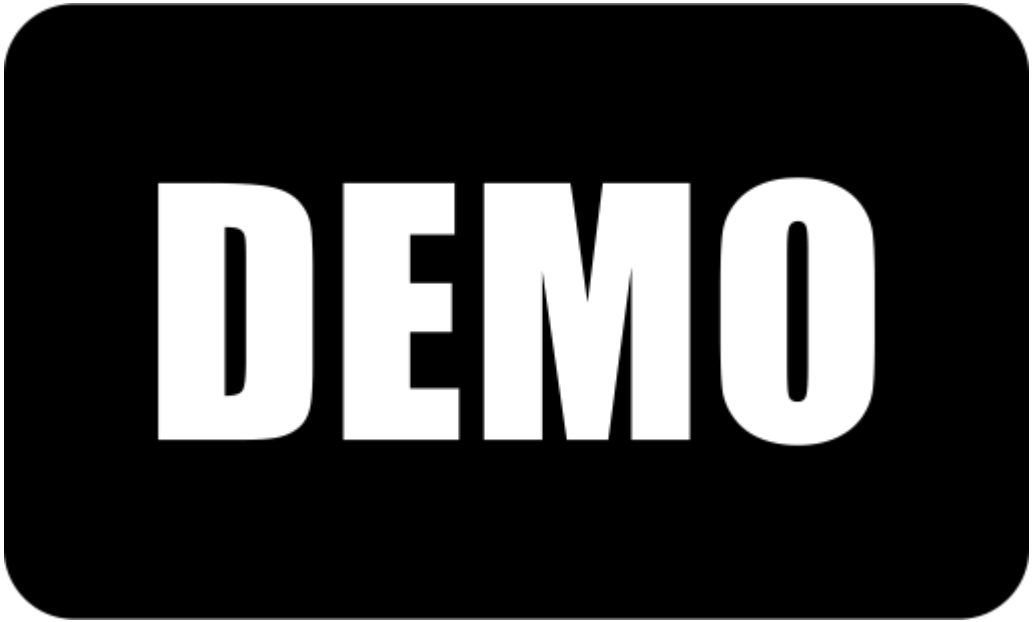
Policy-Oger

What the $#|@ is Kafka? And where do I find it?

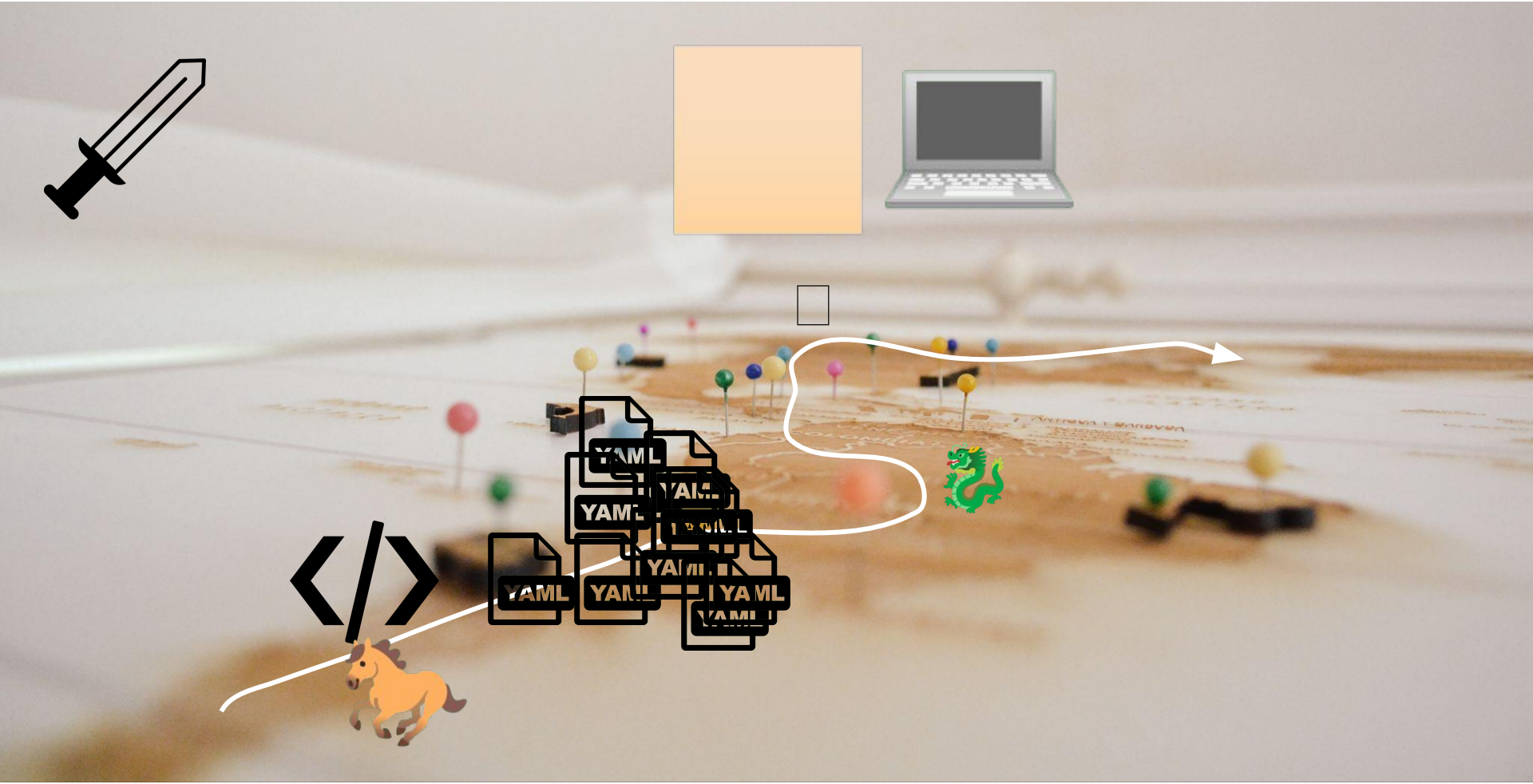
You should know by now - you can use Knative for this!



DEMO 3: Read from Kafka



Enchanted Garden


YAML
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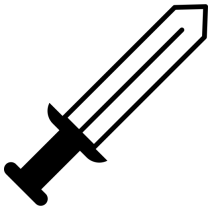
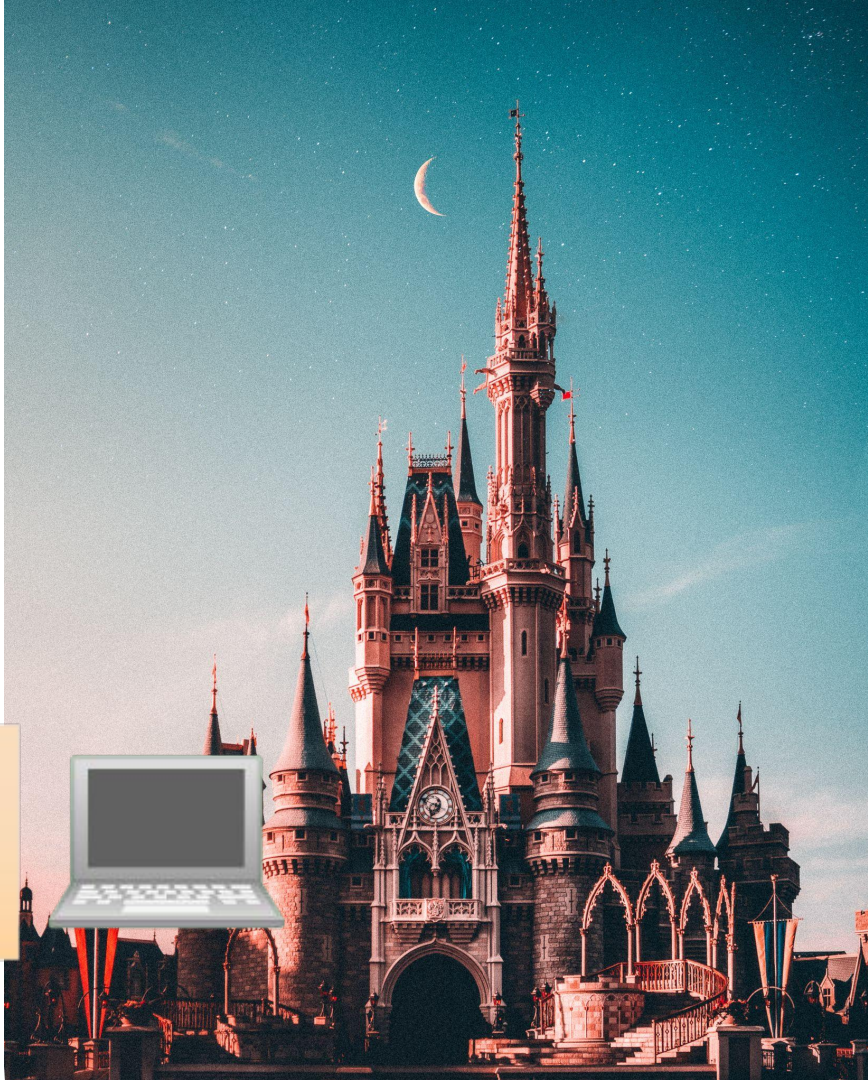
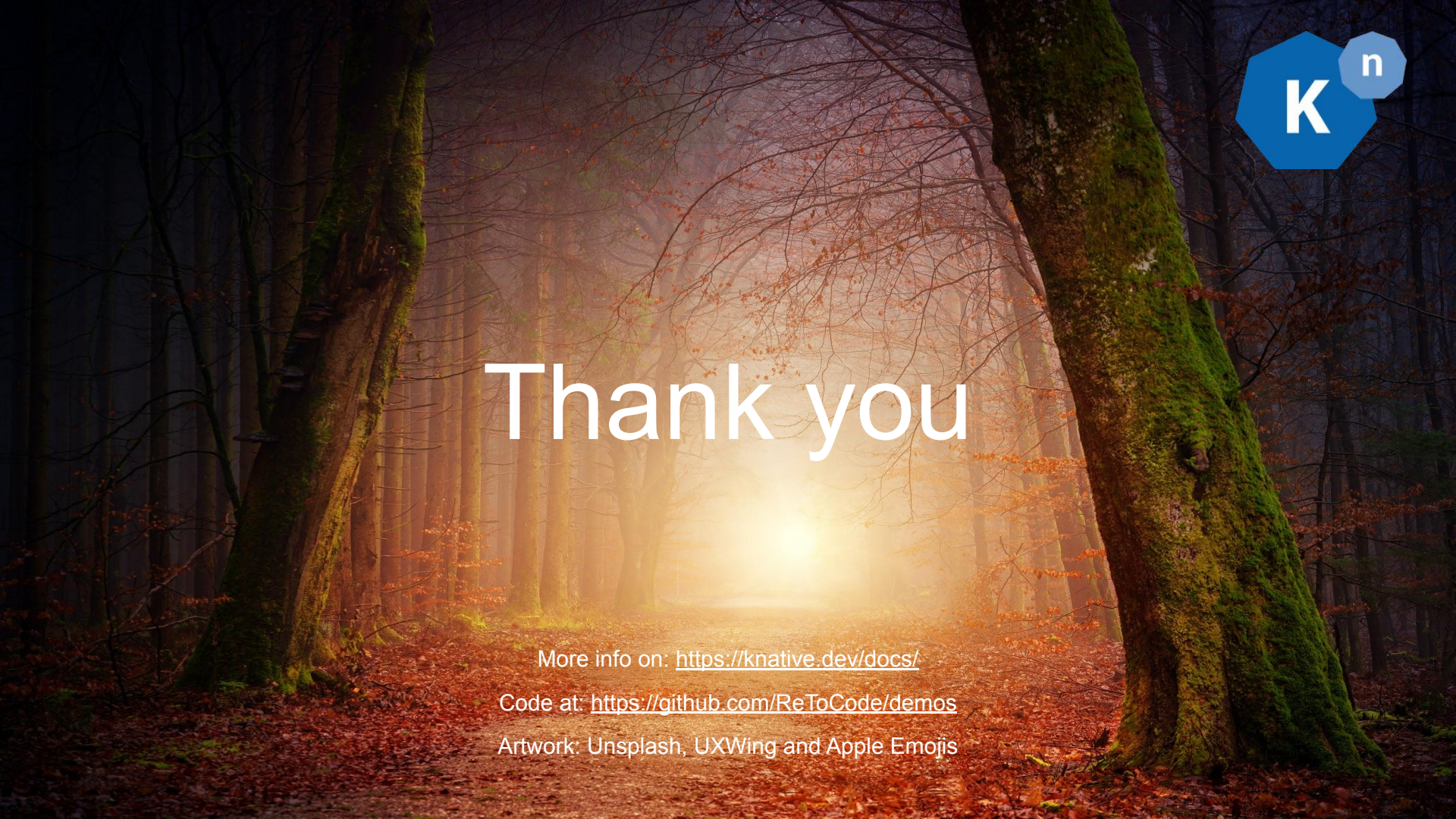
You saved the 👸 you can have whatever you want! What is it?

A green-field project and NO VPN!






Thank you
More info on: https://knative.dev/docs/
Code at: https://github.com/ReToCode/demos
Artwork: Unsplash, UXWing and Apple Emojis