



**Knowledge Grid**

***Building Bodies of Knowledge with CBK Artifacts:  
Demonstrating Mixed Artifact Use***

7.19.19

# We Use Three Core Components for This



**Knowledge Objects** for Packaging Model Implementations

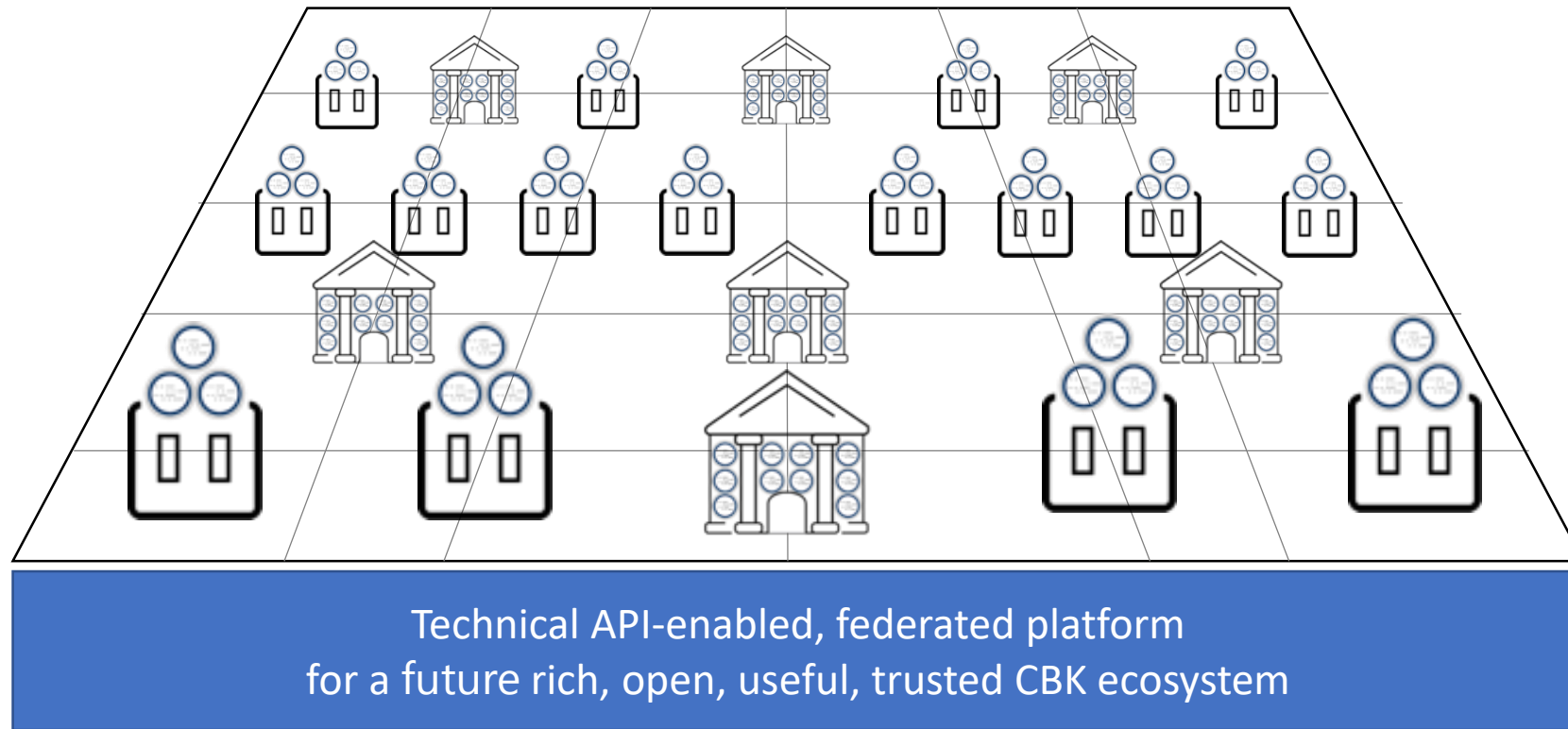


**Library Repository** for Managing Knowledge Objects

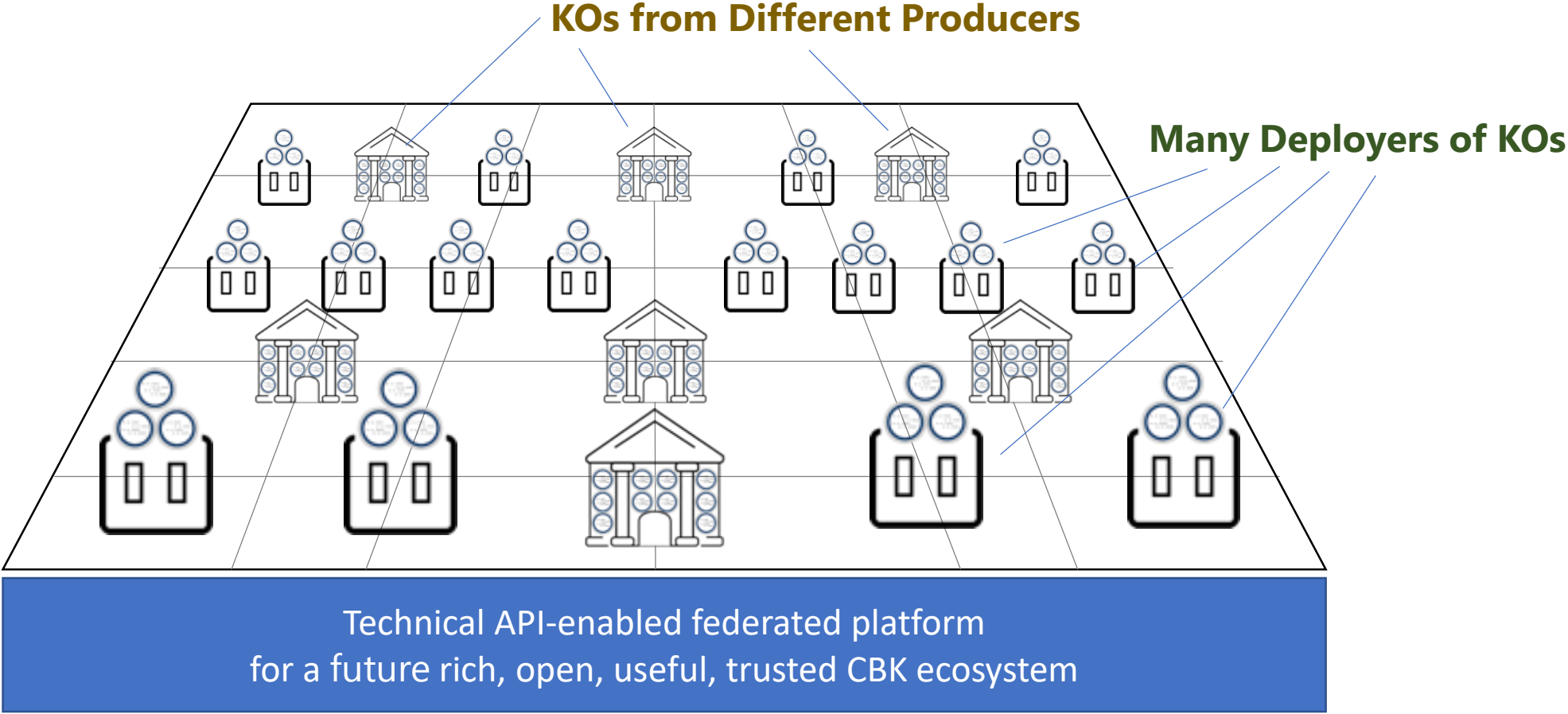


**Activator** for Deploying Knowledge Object Services

# A Knowledge Grid as Sociotechnical CBK Infrastructure

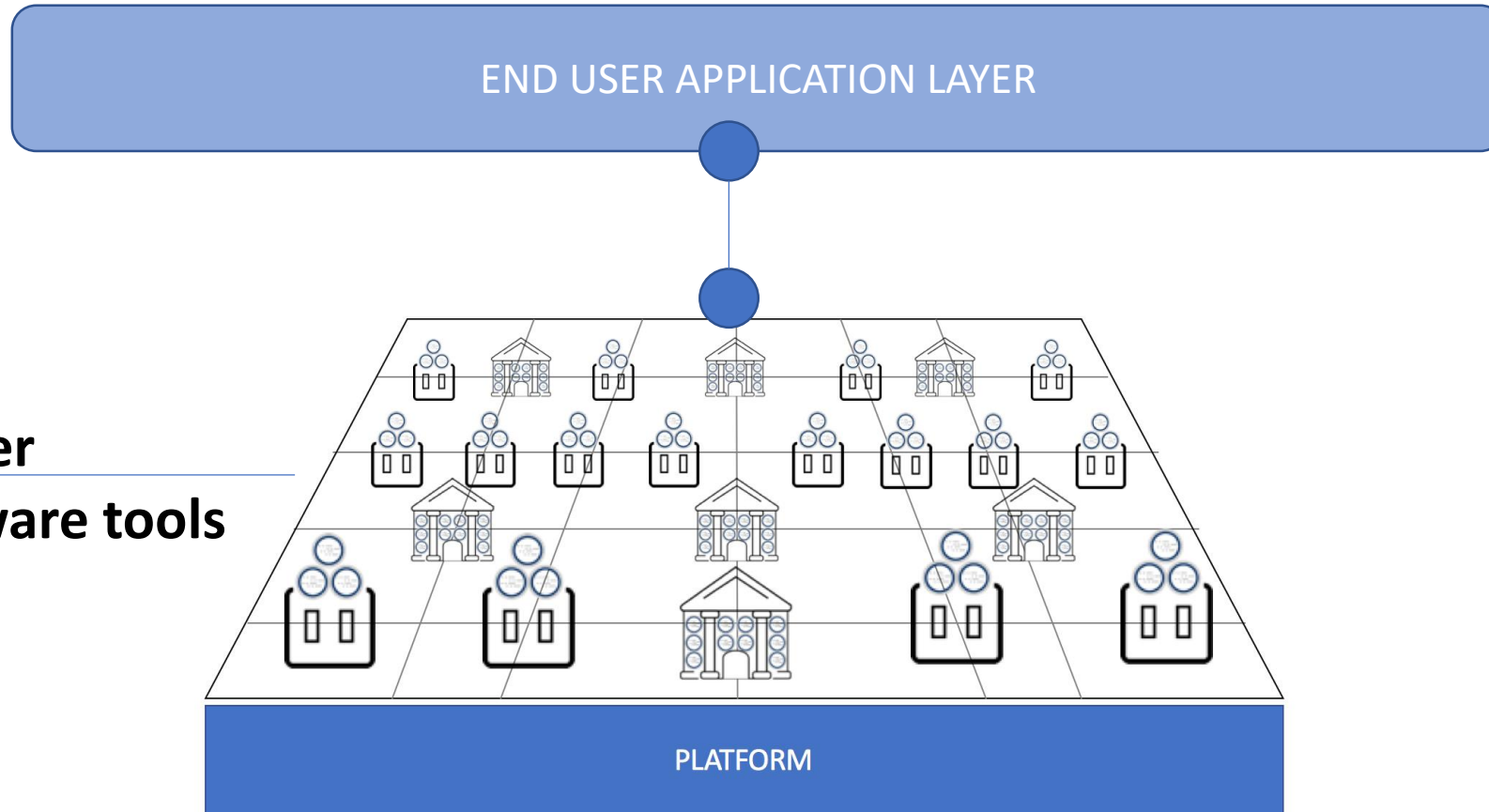


# Knowledge Grid as Sociotechnical CBK Infrastructure



# A Vision of Sociotechnical CBK Infrastructure

**FAIR CBK Layer**  
**with middleware tools**

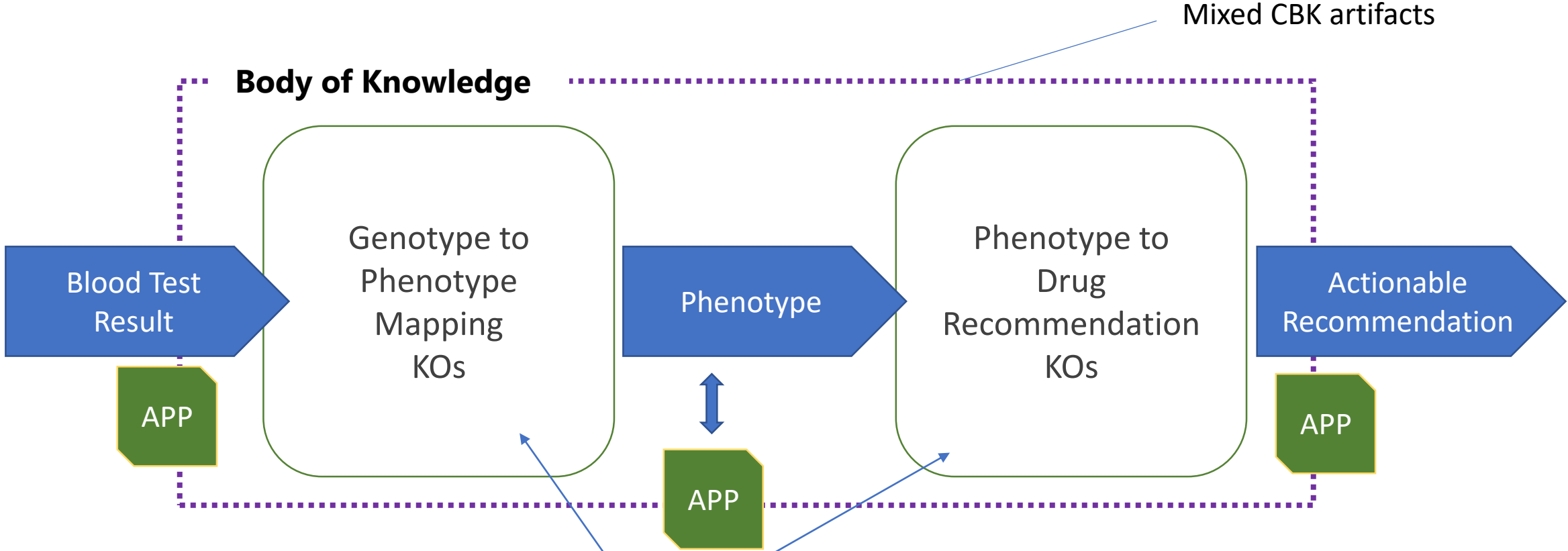


# Two Examples of Deployable Bodies of Knowledge

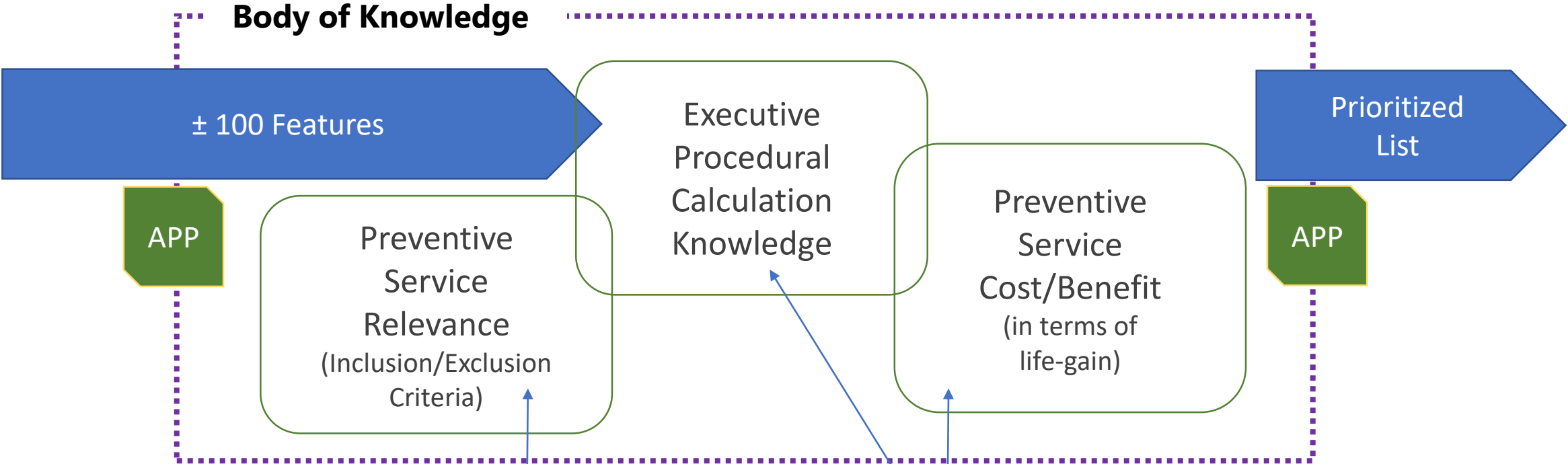
1. Pharmacogenomic BOK
2. Preventive Medicine BOK

(we reserve the term '*collection*' for further understanding)

# Example 1



# Example 2



Glen Taksler, PhD  
Cleveland Clinic



# Summary



**Knowledge Objects** for 2 Bodies of Knowledge from organizations who are interested in them



**Library Repository** online



**Activator** running remotely & also locally with same KOs



**Demo apps** requiring more or less direct KO interaction