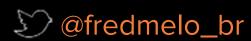
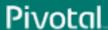
Pivota

A NEW PLATFORM FOR A NEW ERA

From Microservices to Data Microservices Breaking the data monolith

Fred Melo





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About Me



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About Me



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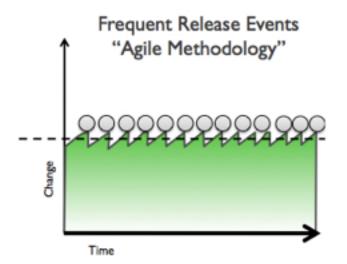


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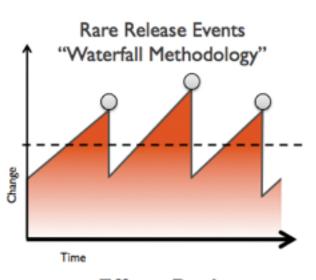


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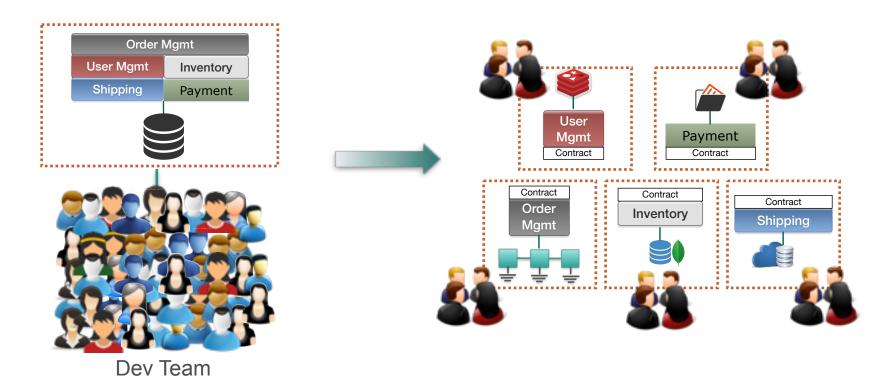
Smoother Effort Less Risk



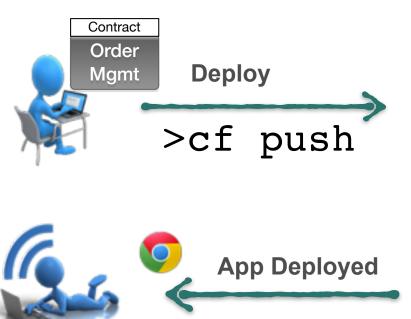
Effort Peaks High Risk

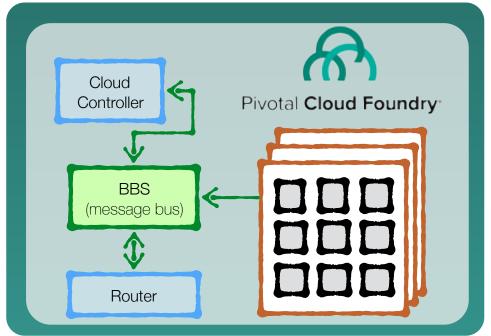
Going Agile - Breaking the monolith

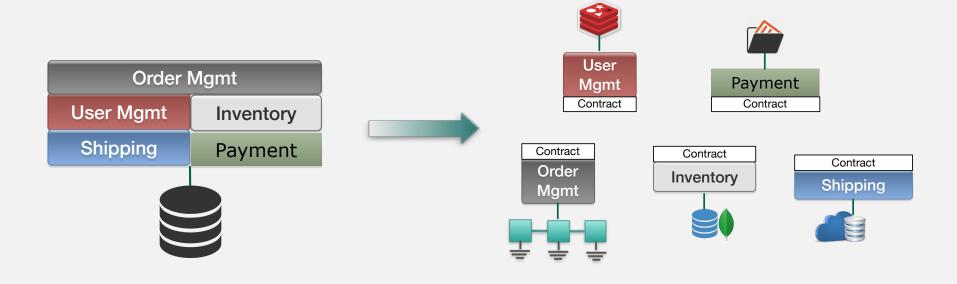
Conway's Law and Microservices



Automating through the Platform







One Size Fits All

"RDBMs is the king"



Polyglot Persistence

"The right tool for each job"

One Size Fits All RDBMs only

Polyglot Persistence

IMDGs, K-V Stores, Document stores, ...

Disk-based HA

Scale-up only

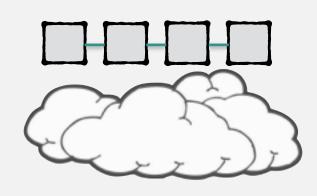
Specific hardware



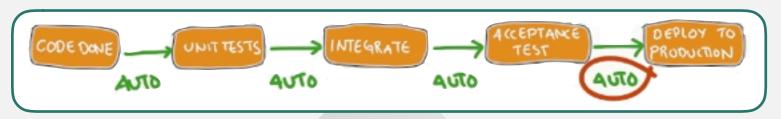
Grid-based HA

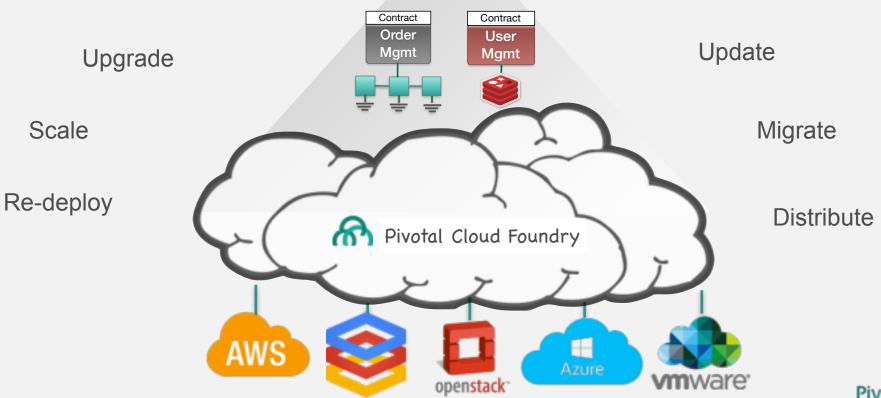
Scale-out

Containerized

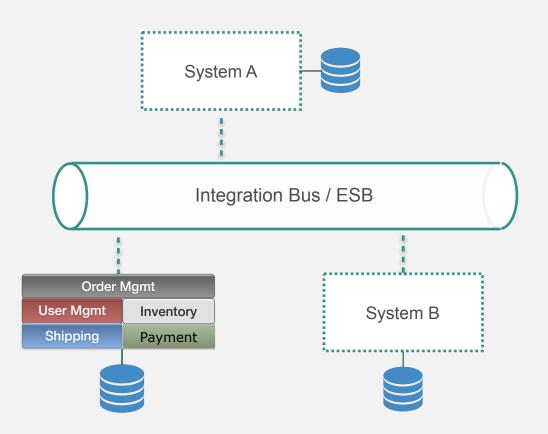


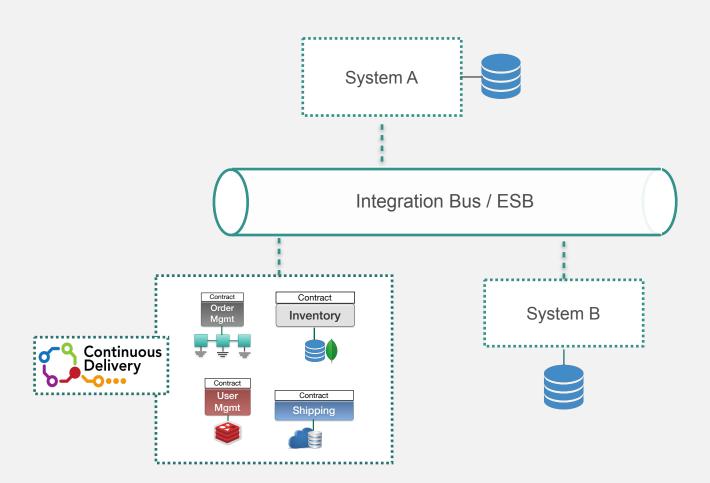
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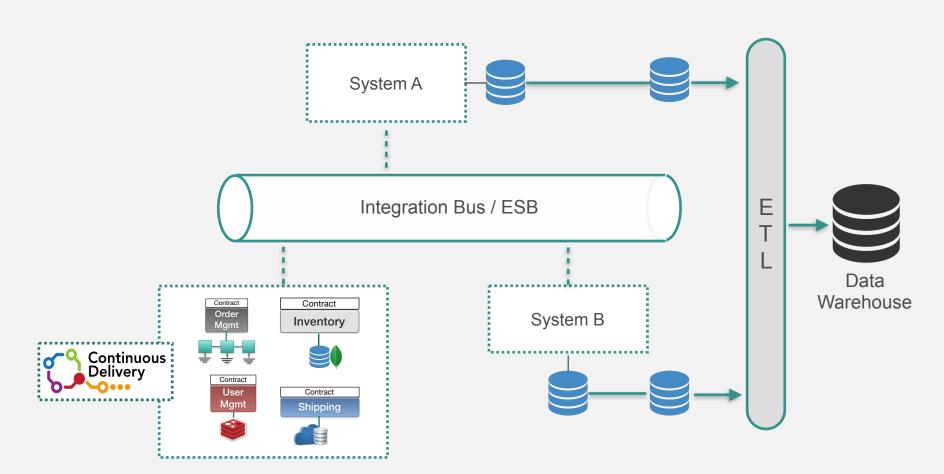


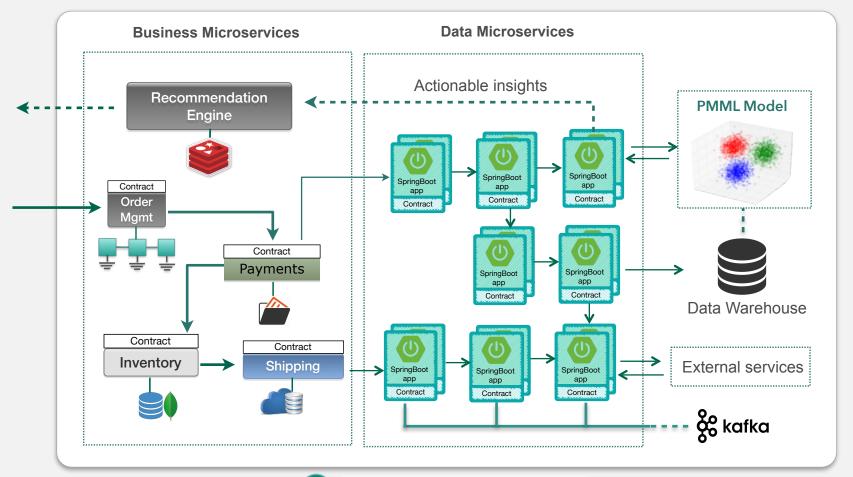


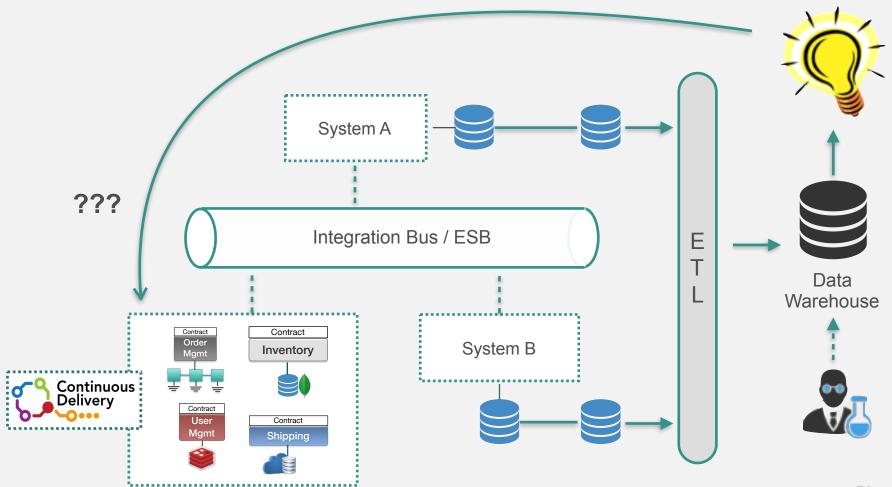
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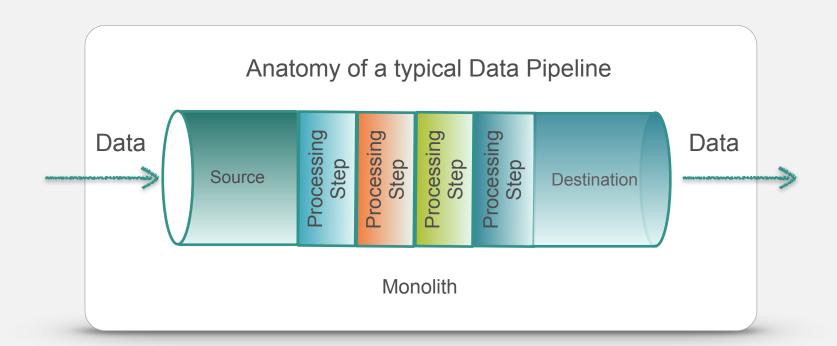


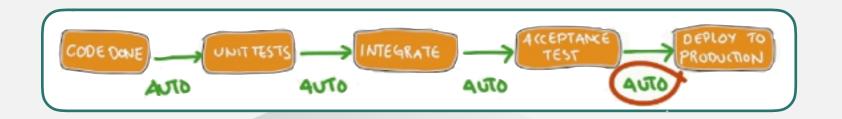










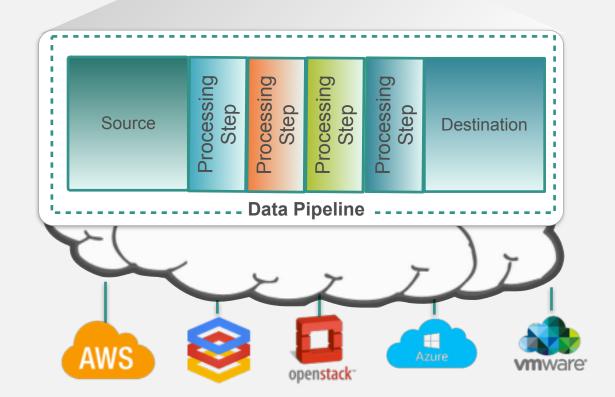


Upgrade

Scale

Re-deploy



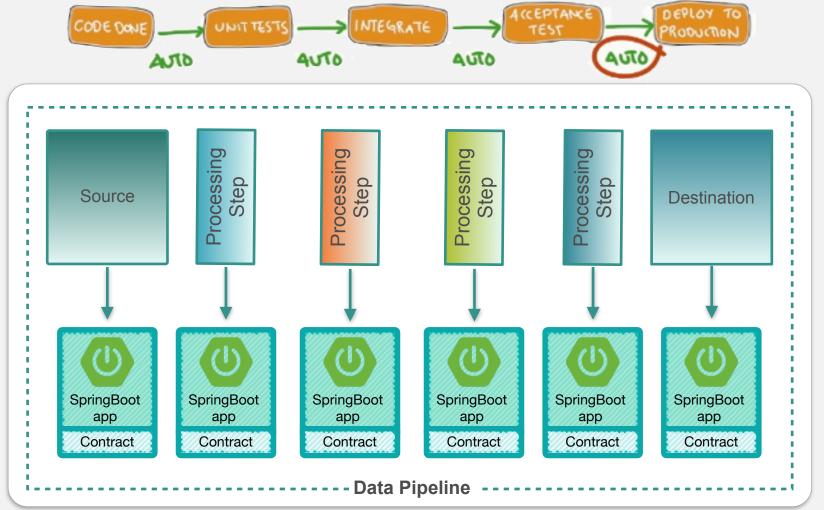


Update

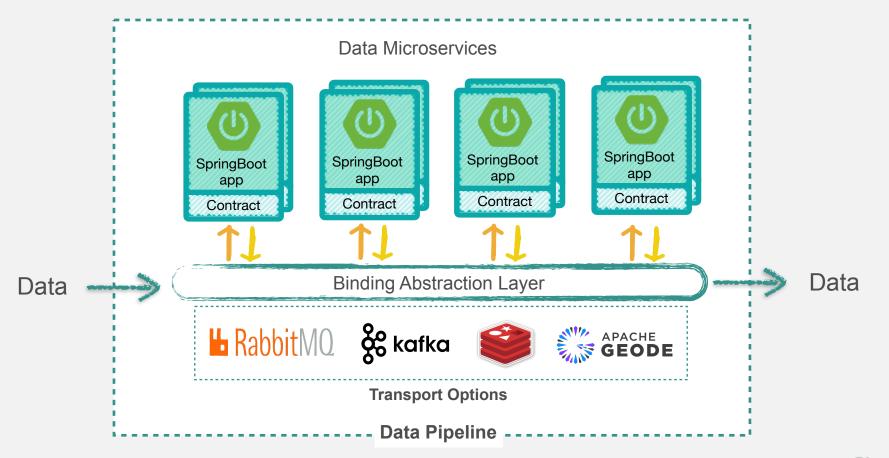
Migrate

Distribute



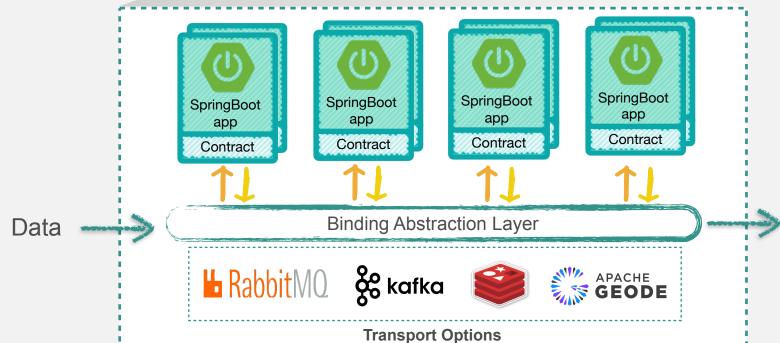


Spring Cloud Stream



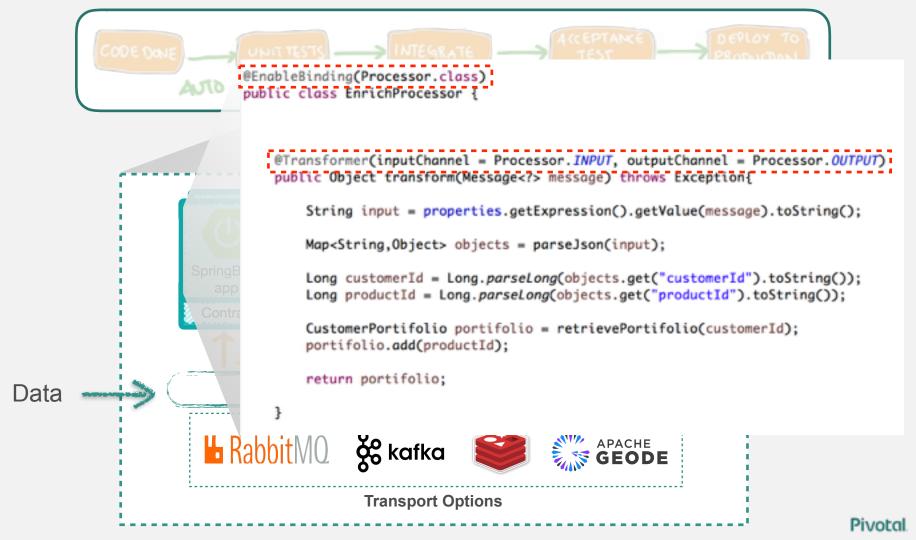






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Data



Infrastructure Transparency

Transport Transparency

Data Pipeline Visual Design

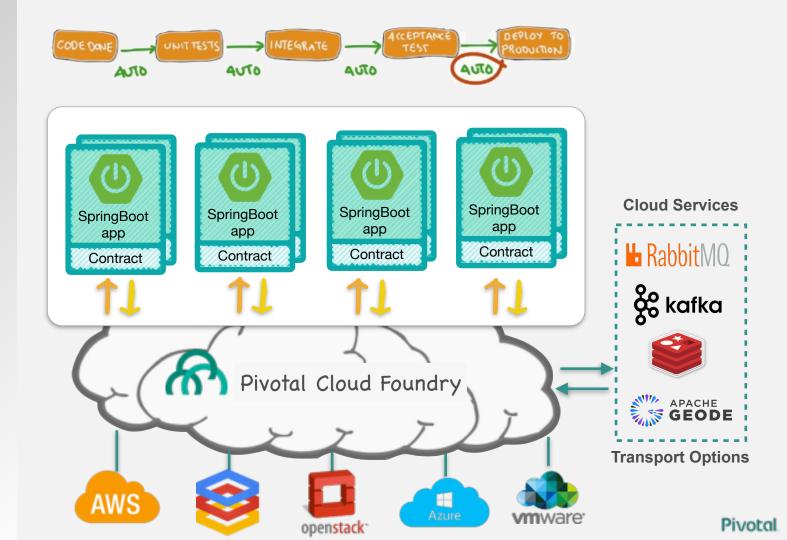
Integrated Metrics

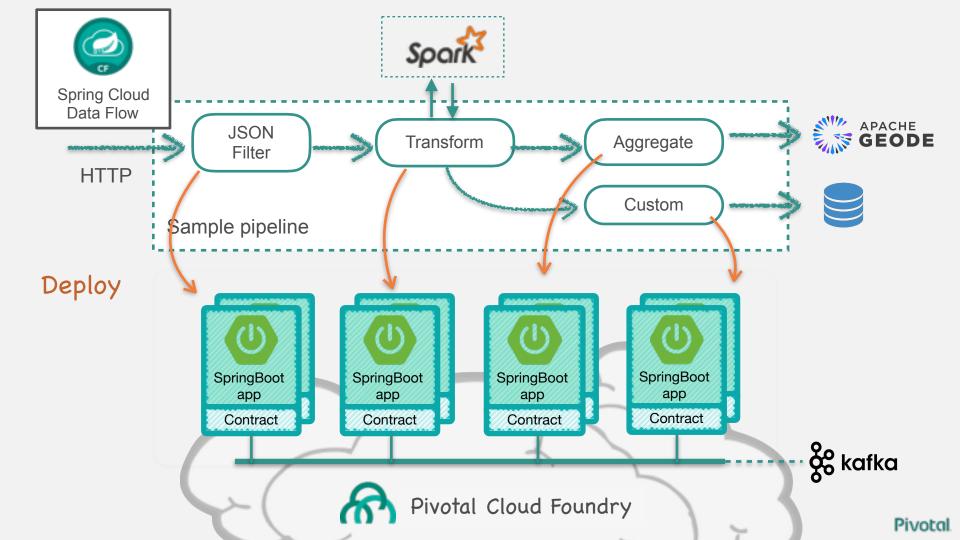
Integrated Monitoring

Aggregated Logging

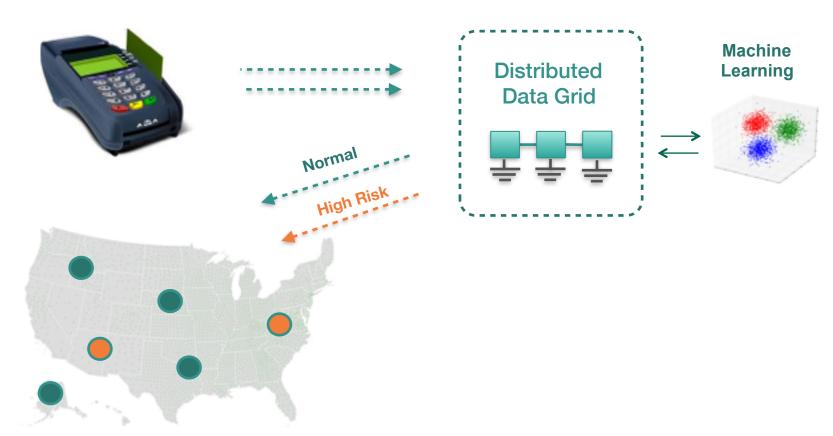
Auto Healing

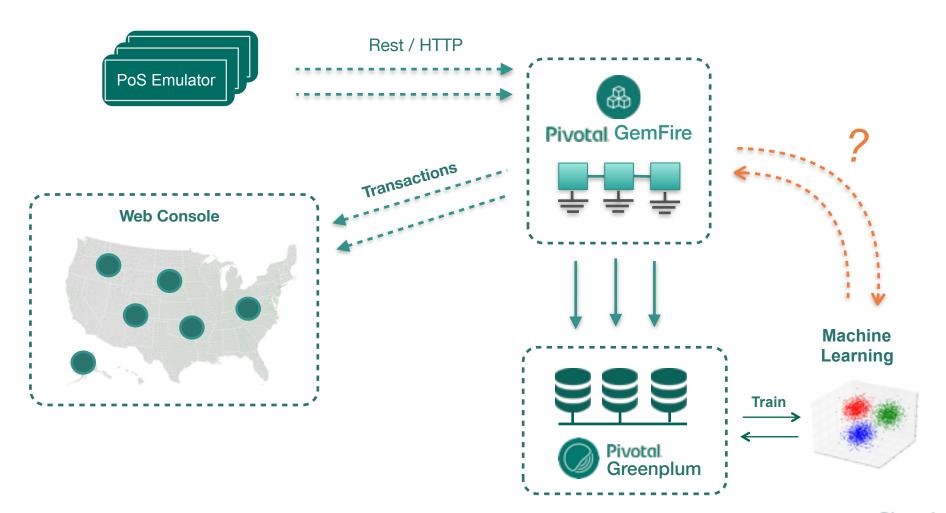
Auto Scaling

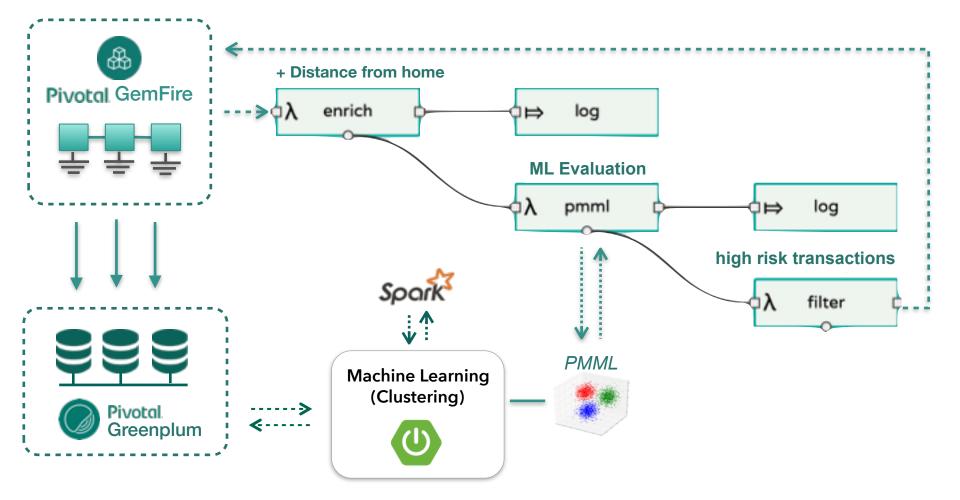


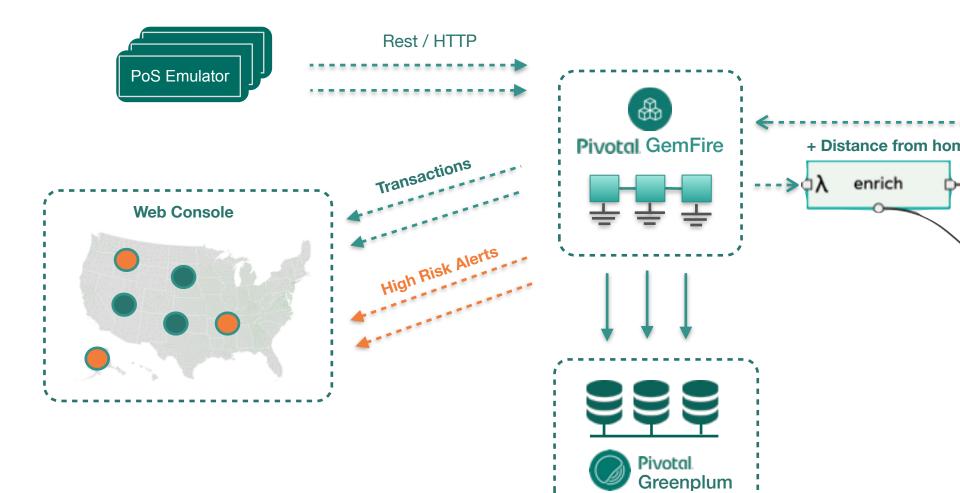


DEMO















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