

Enterprise Knowledge Graph

Definition and contribution to a 'Team of Teams' organization

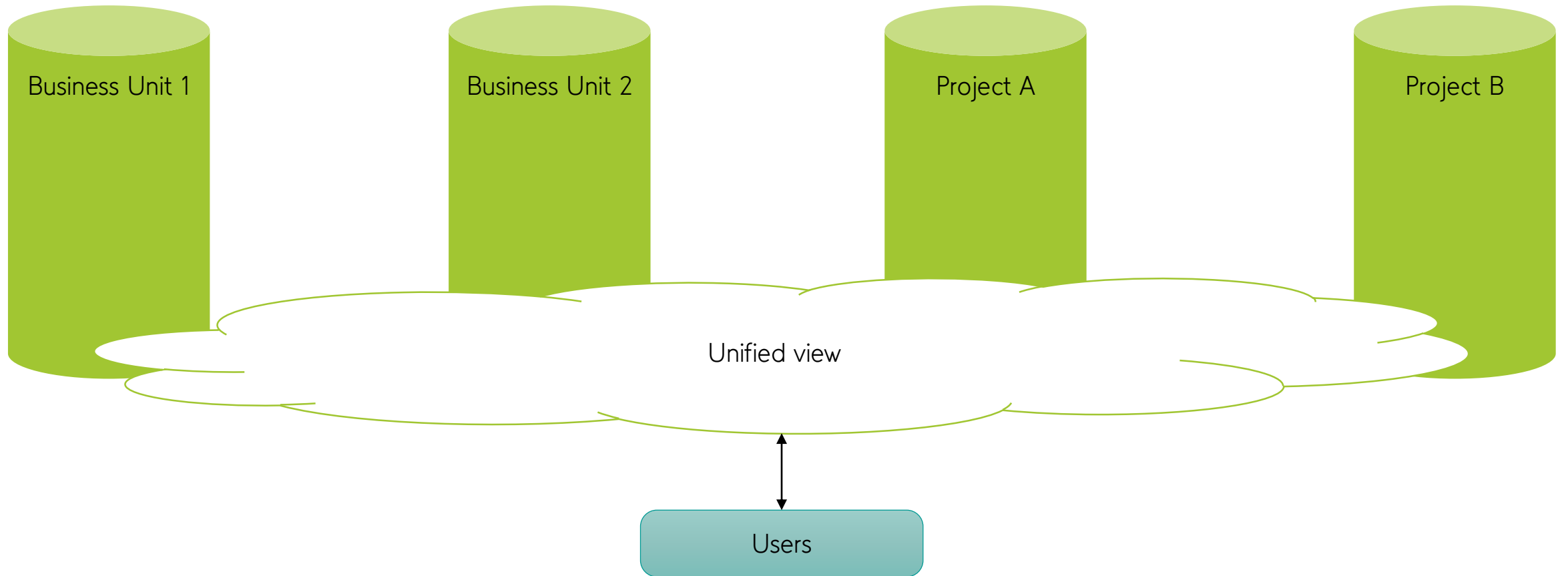
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Unified Views Objective





Enterprise Knowledge Graph

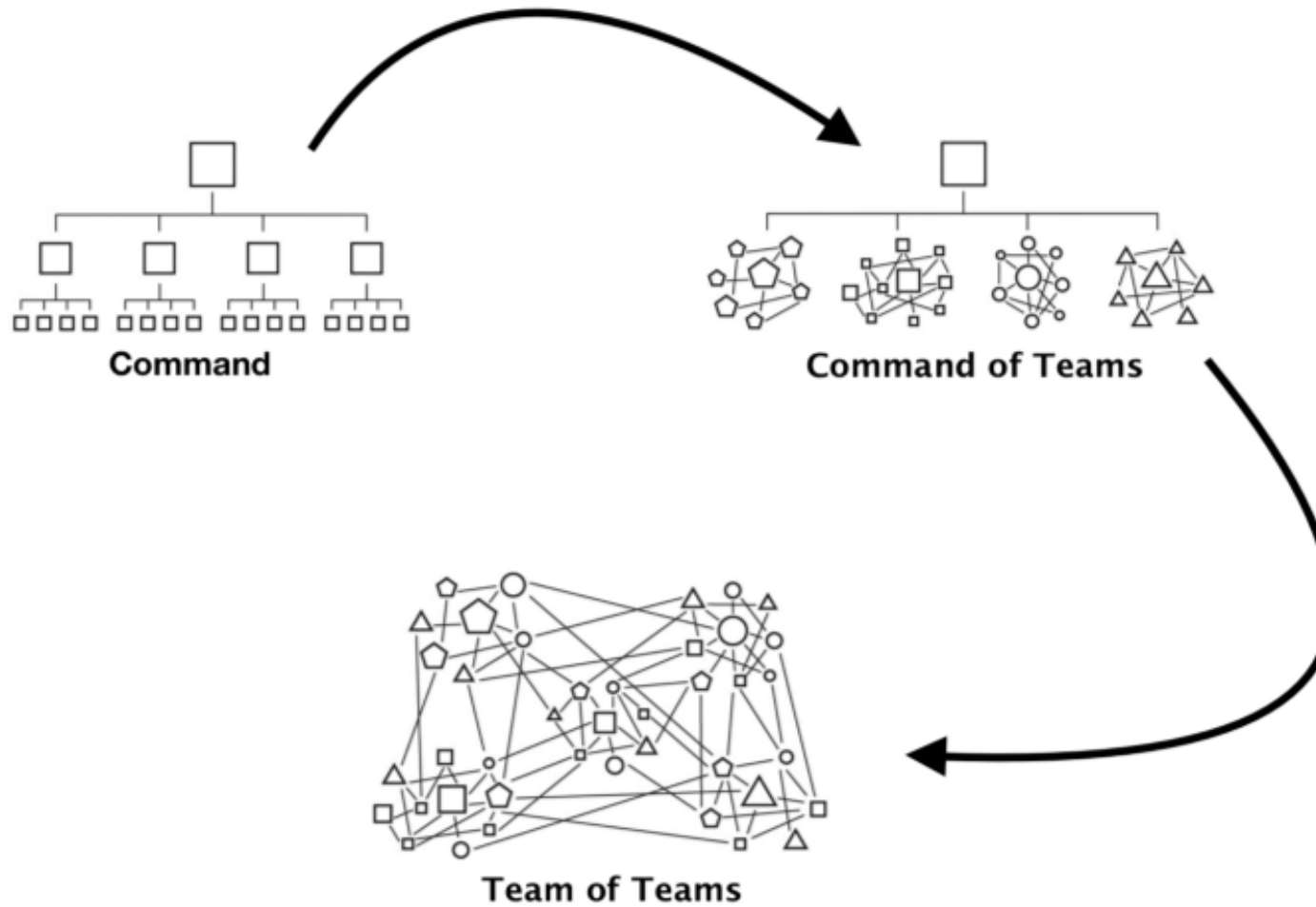
EKG

	Data	Info	Knowledge	Preliminary	On the fly	Evolutive	DIK linking	Decision making	Build process
Data Warehouse		Yes		Yes		Possible	No	Yes	Yes
Data Lake	Yes	Yes			Yes	Yes	No	Yes	Yes
Knowledge Graph			Yes		Yes	Yes	Yes	No	Yes
EKG	Lien	Yes	Conceptual	Yes	Yes	Yes	Yes	Yes	Yes

Enterprise Knowledge Graph
KNOWLEDGE – ENTITIES – RELATIONS – DEVISION MAKING – EVOLUTIVE – SOURCE LINKING



Team of Teams





Implantation experimentation (Team of Teams)

<https://tinyurl.com/ekg-expe>

	SQLite	Neo4J
CSV Data Loading	Complex – External tools	Simple – Native
Simple selections		
– Complexity	Very low	Low
– Time	Very low (0.5ms)	High (15ms)
Multiple relations selections		
– Complexity	Very high	Low
– Time	High (15ms)	Medium (10ms)
Calculus and grouping		
– Complexity	Very high	Medium
– Time	Low (4ms)	Very high (20ms)
Graph-specific algorithms	Very hard	Easy – Native