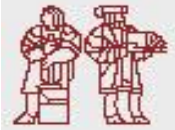




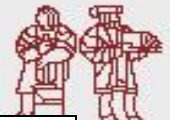
“Build to Share”

*U.S. Federal Enterprise
Architecture
Data Reference Model
(FEA DRM):
Managing Data As A
National Asset
July 2007*

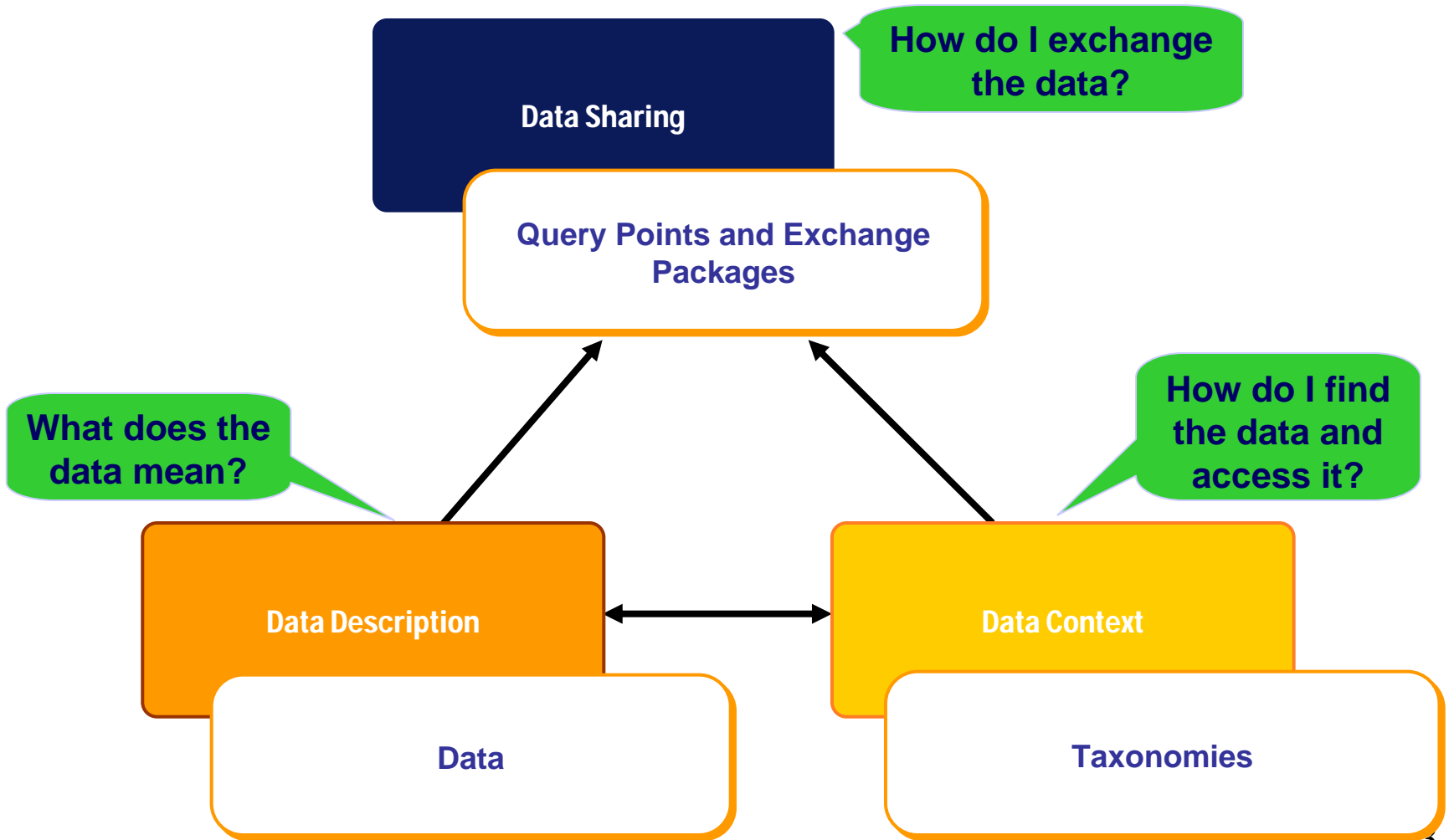


Agenda

- ◆ FEA DRM Overview
- ◆ Three Pillar Data Strategy Framework
- ◆ Federal Data Architecture Subcommittee



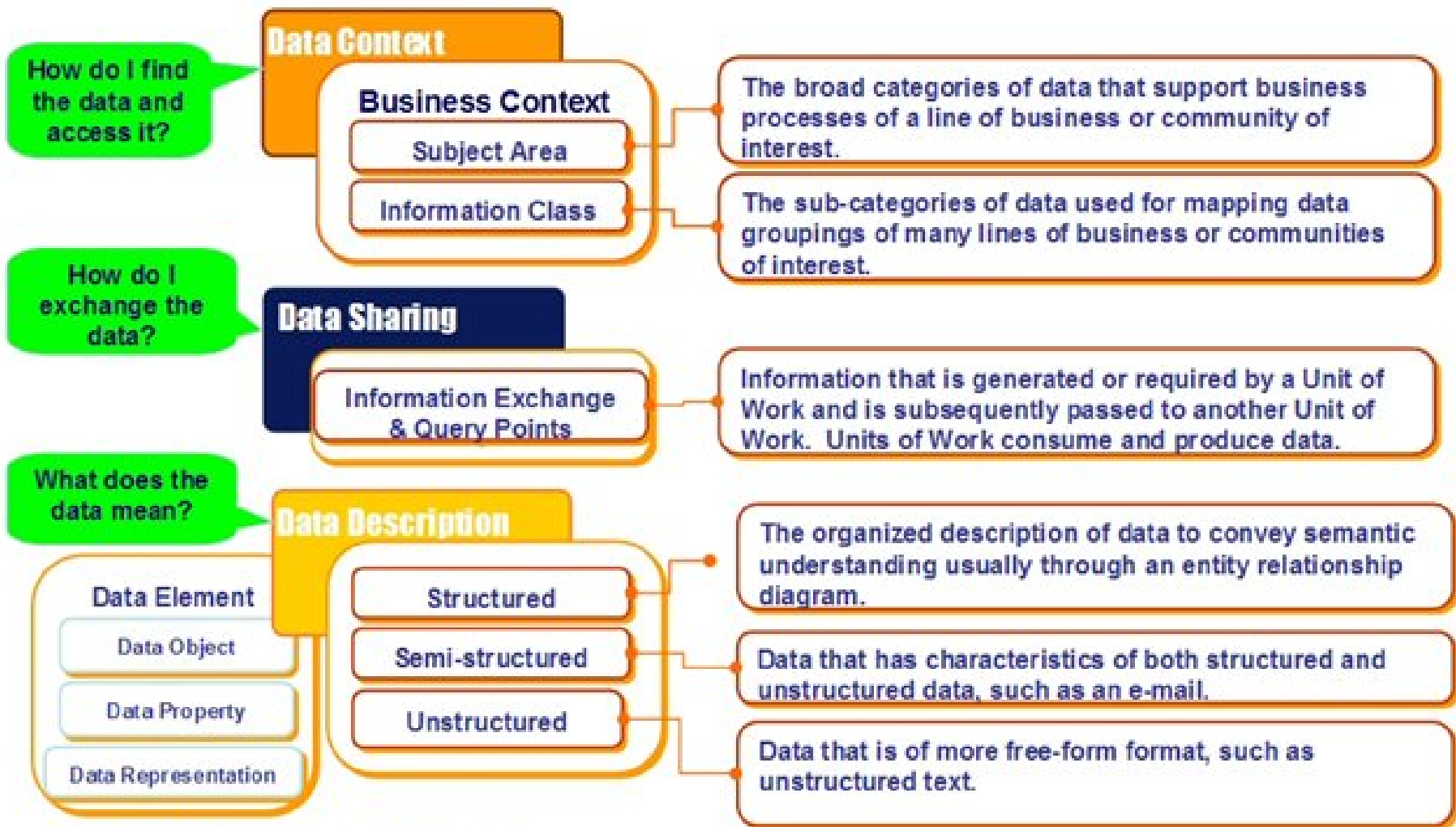
FEA DRM Concept



Based on FEA DRM Version 2.0

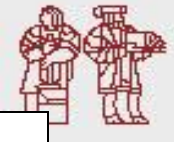


FEA DRM Structure



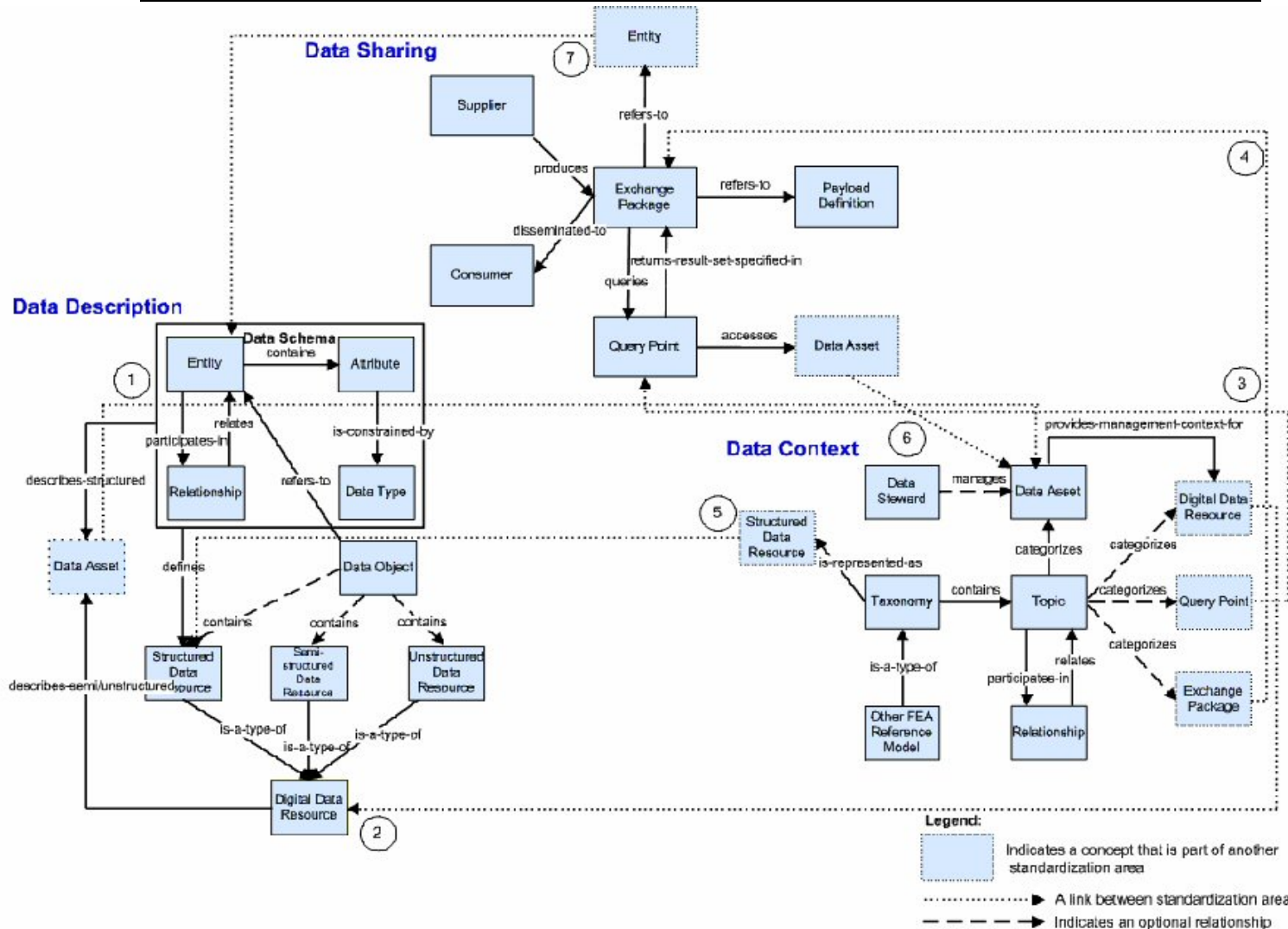


The MIT Information Quality Industry Symposium, 2007



FEA DRM Abstract Model

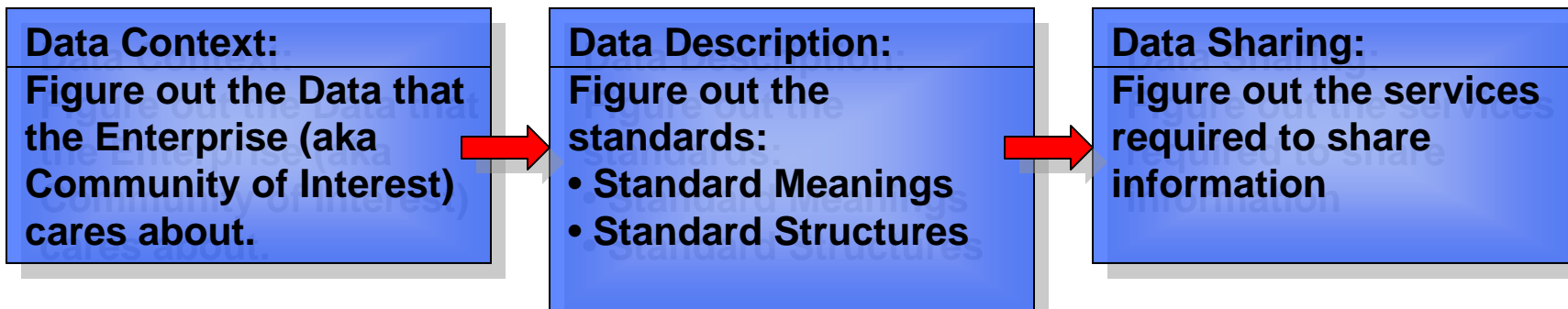
(Guidance for Organizing Information About Agency Data)





The DRM Approach

(Summary)



- ◆ The DRM provides basic guidance on what to capture in each of these areas and how to capture it. (i.e., the Abstract Model)
- ◆ Intentionally, the DRM does not delve into specific models or artifacts that the architects will create:
 - ◆ Organizations use different EA Frameworks. There are a lot of right ways.
 - ◆ The models/artifacts developed will depend on what's needed
 - ◆ As we define best practices, we will consider more definitive guidance in the DRM
- ◆ However, the objective is to provide actionable guidance to your programs: We should be building with data sharing in mind up front.
 - “Build to Share”

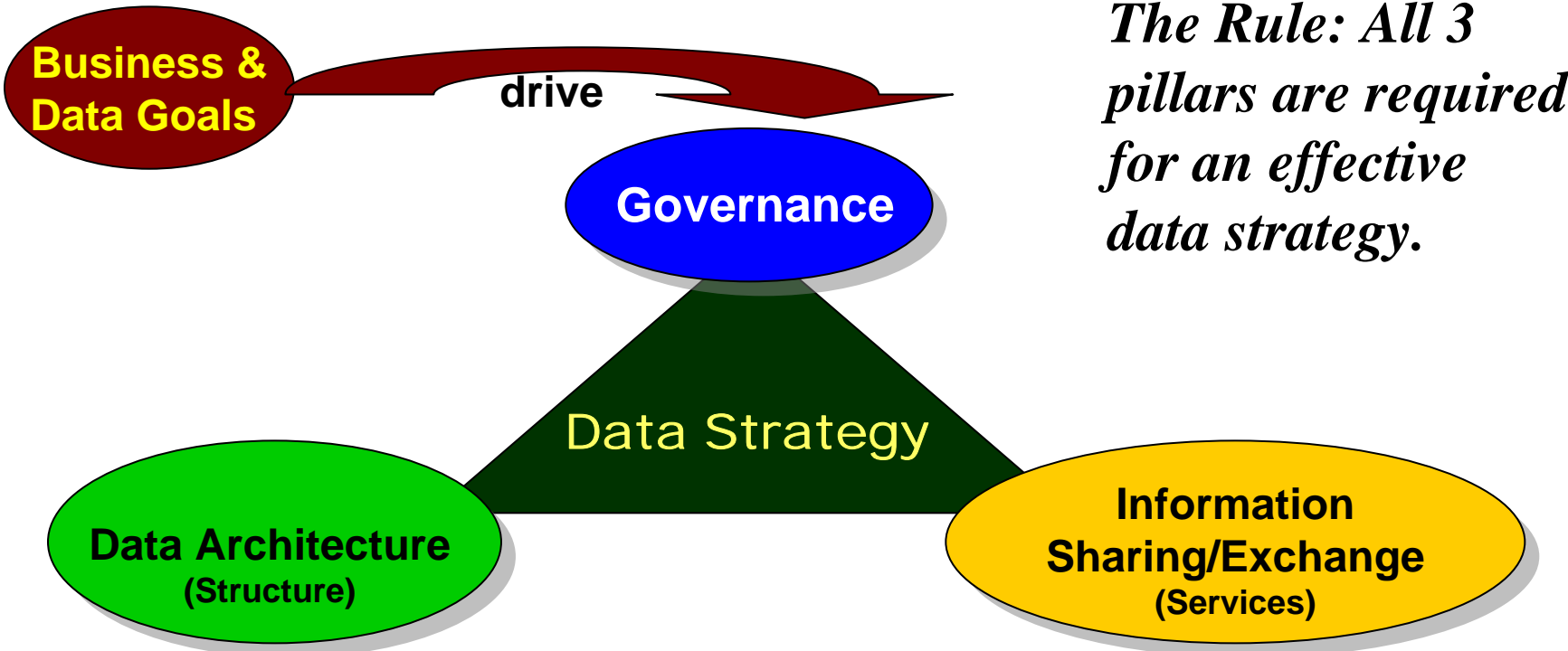


FEA DRM

Three Pillar Data Strategy Framework



The DRM Data Strategy Framework

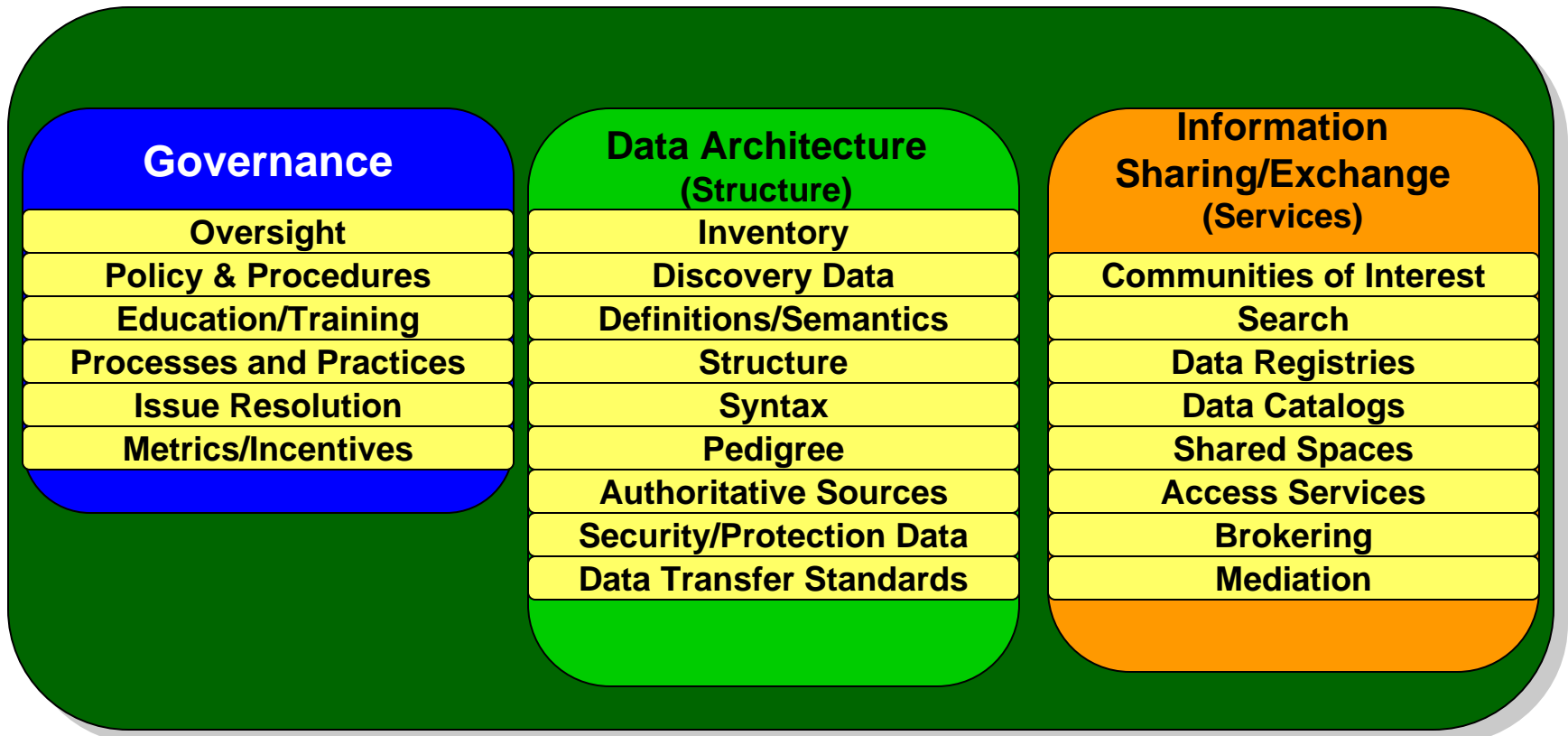


The Rule: All 3 pillars are required for an effective data strategy.

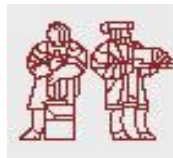
Goals drive; governance controls; structure defines; and services enable data strategy.



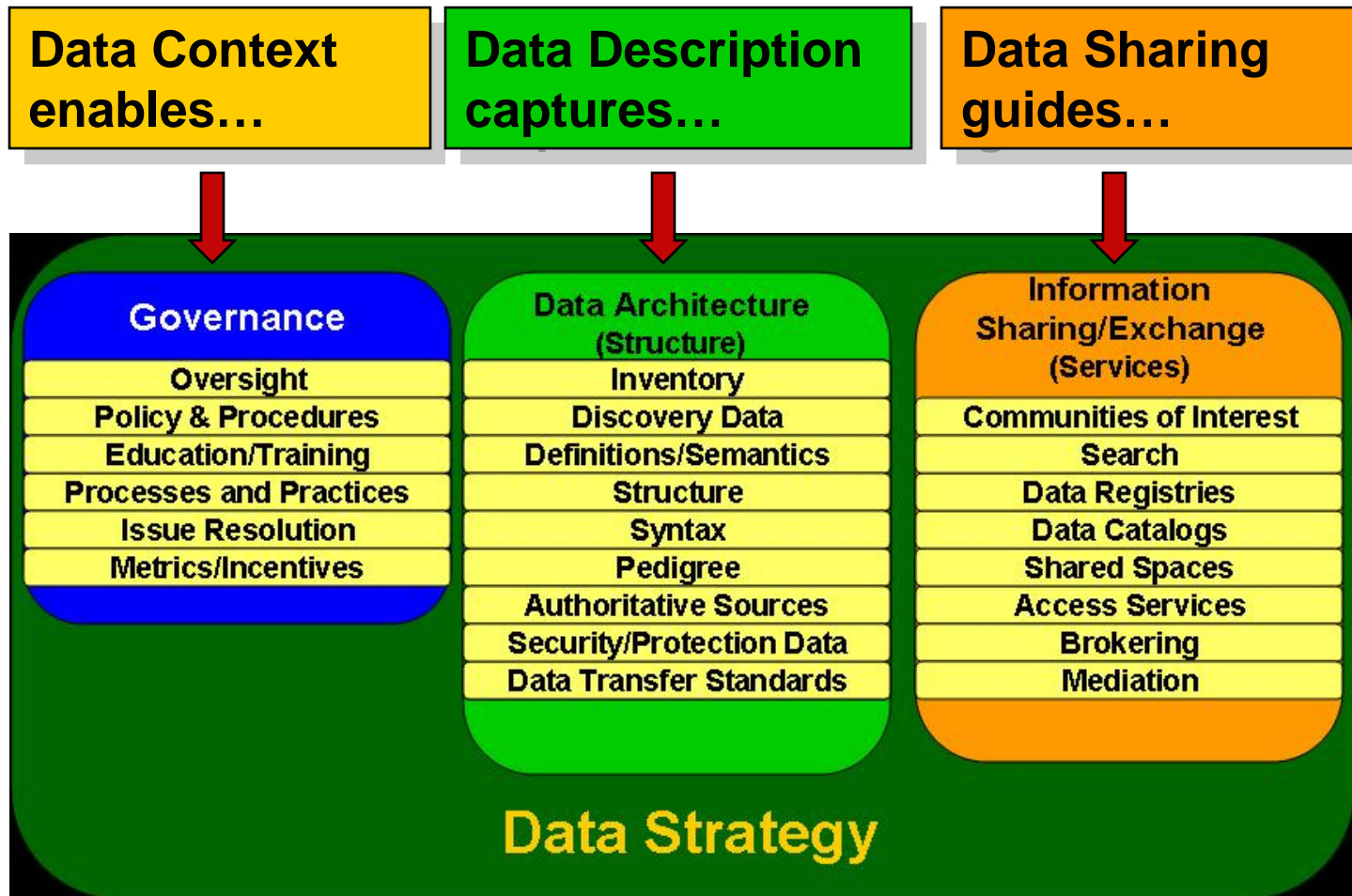
Data Strategy Framework Elements



Use of specific elements depend on the goals



Mapping the Strategy to the DRM

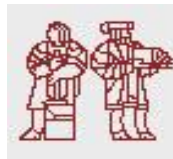




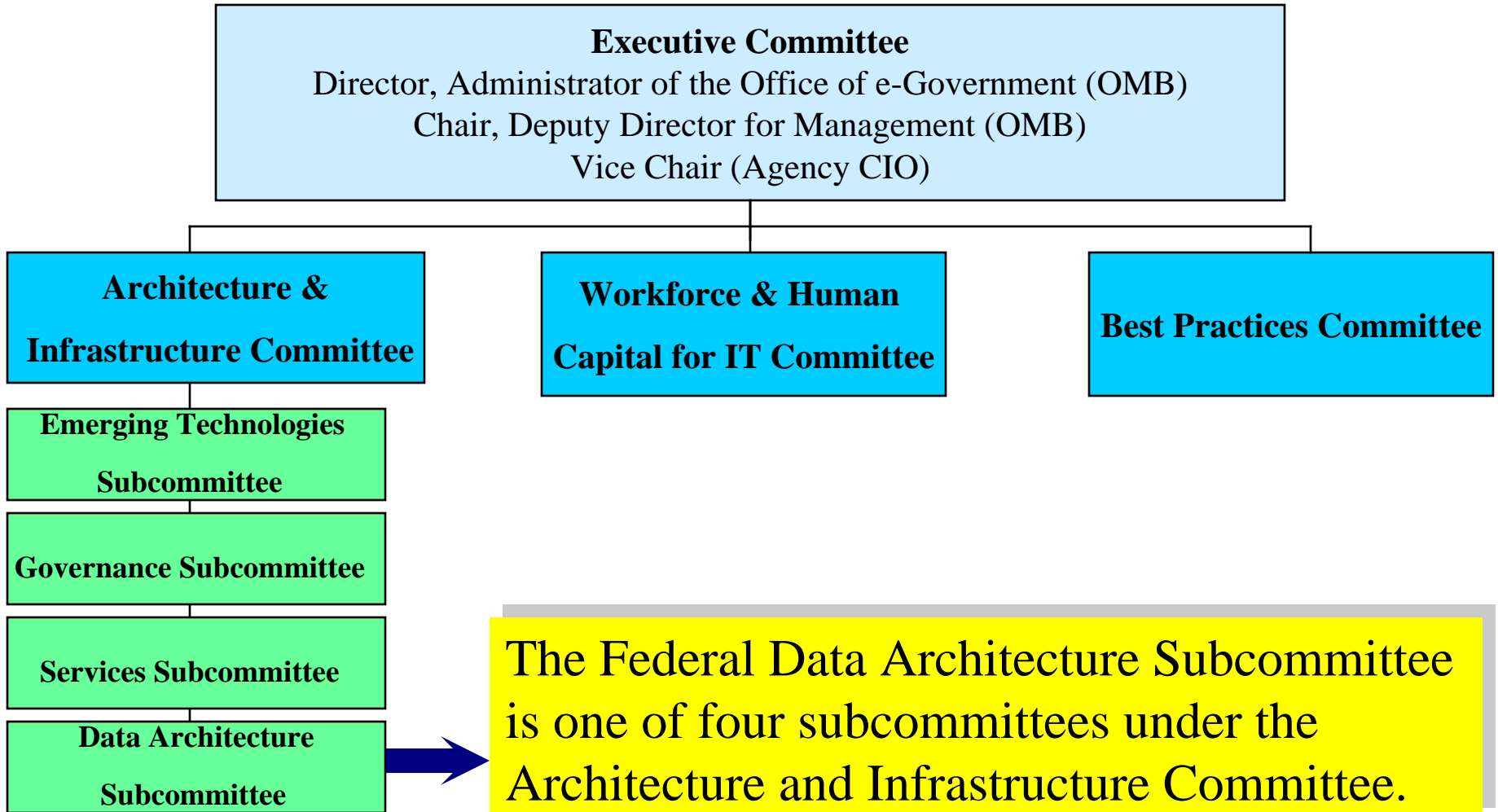
The MIT Information Quality Industry Symposium, 2007



Governance Overview



Federal CIO Council Organization





Governance Strategy

◆ Federal Data Architecture Subcommittee (DAS)

- Chartered by Federal CIO Council
- 2 Co-chairs appointed by AIC
- Membership Federal CIO representation (105)
- Various work groups

◆ Key FY07/FY08 Activities/Deliverables

1. Federal Data Quality Profile
2. Final Draft Person Core Concept
3. Initial draft DRM Implementation Guide





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Summary



Summary

- ◆ The FEA DRM is one of five inter-related reference models designed to facilitate inter-agency analysis and collaboration.
- ◆ The FEA DRM consists of three basic concepts: Context, Description, and Information Sharing.
- ◆ Agencies can implement the FEA DRM in many ways, but must follow the three pillar data strategy to be successful.
- ◆ The Federal Data Architecture Subcommittee was established to provide agencies additional guidance on FEA DRM implementation.





Questions



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