
Enterprise Portal Modeling

Methodologies and Processes

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Objectives

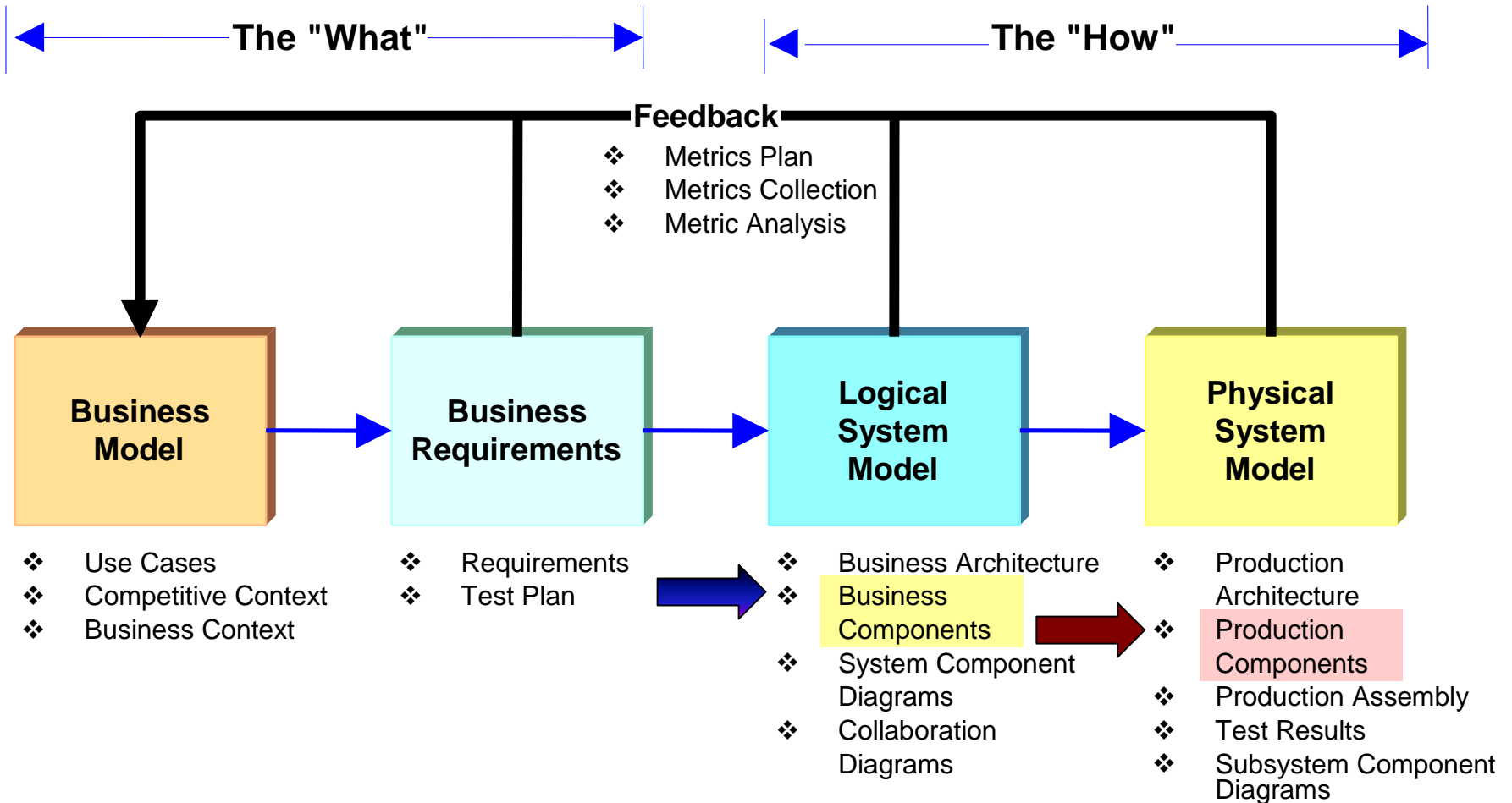
- Introducing the case for Enterprise Portal Modeling (EPM)
 - Do we need to model enterprise portals (EP)?
- Emphasizing on the elements of EPM
 - What do we need to model EP?
 - How do we use UML and RUP?
- Presenting the practical benefits and issues
 - How do UML and RUP help us?
 - What issues are we facing in practice?

Agenda

- Case for EPM
- Basic elements of EPM
- Benefits and scope of EPM

Case for Enterprise Portal Modeling

■ Do we need to model EP?



Basic Elements of EPM

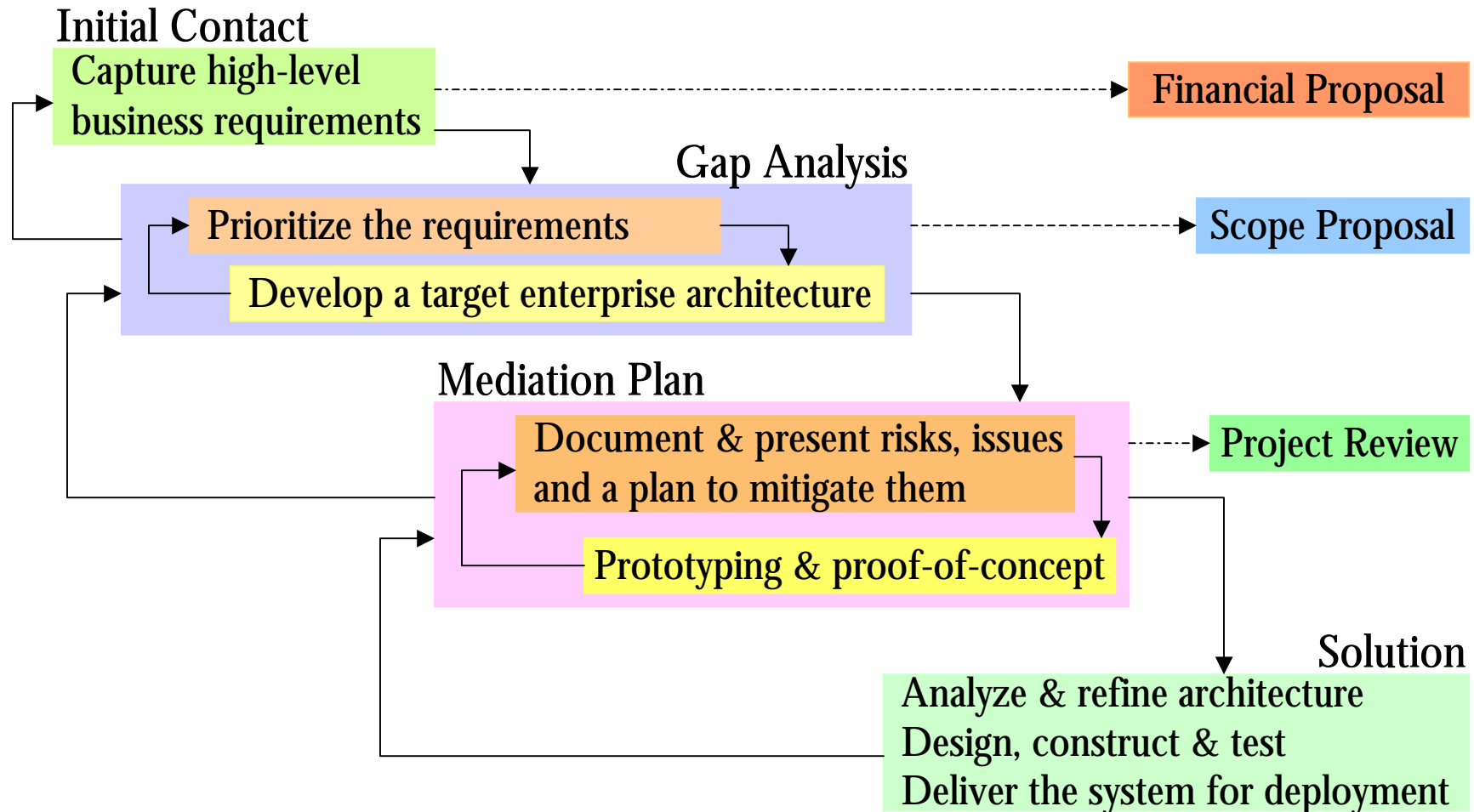
- What do we need to model EP?
 - A methodology that lays out the agreed-upon steps to build the portal
 - A set of modeling notation that can be used across the organization and across the enterprise
 - A modeling tool that is available as a commercially stable product
 - A process that offers the roadmap to develop the portal
 - A set of industry standards, and best practices to measure the progress of the development efforts

Basic Elements of EPM

- How do we use UML and RUP?
 - UML and RUP are widely accepted across the industry as a modeling notation and a process respectively
 - | UML is promoted as a standard modeling notation by OMG
 - In practice, we use UML and RUP as a set of fundamental elements to define an acceptable roadmap
 - | to prioritize the identified business components or services to be supported
 - | to reduce the development lifecycle by optimizing the iterative and incremental delivery mechanism and workflow
 - | to utilize best practices and standards in formulating the process for the extended enterprise

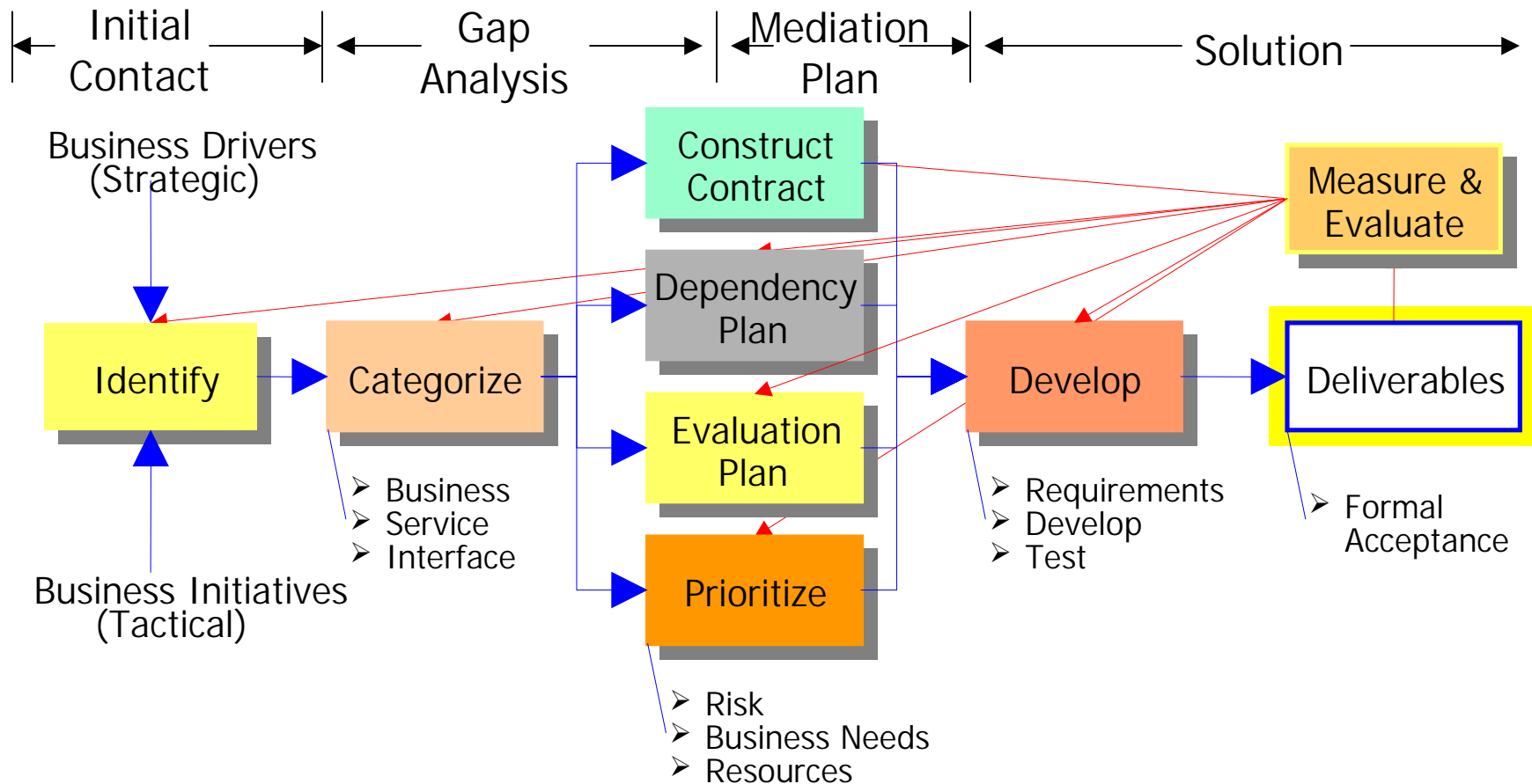
Basic Elements of EPM

■ SPECTRUM as a Process



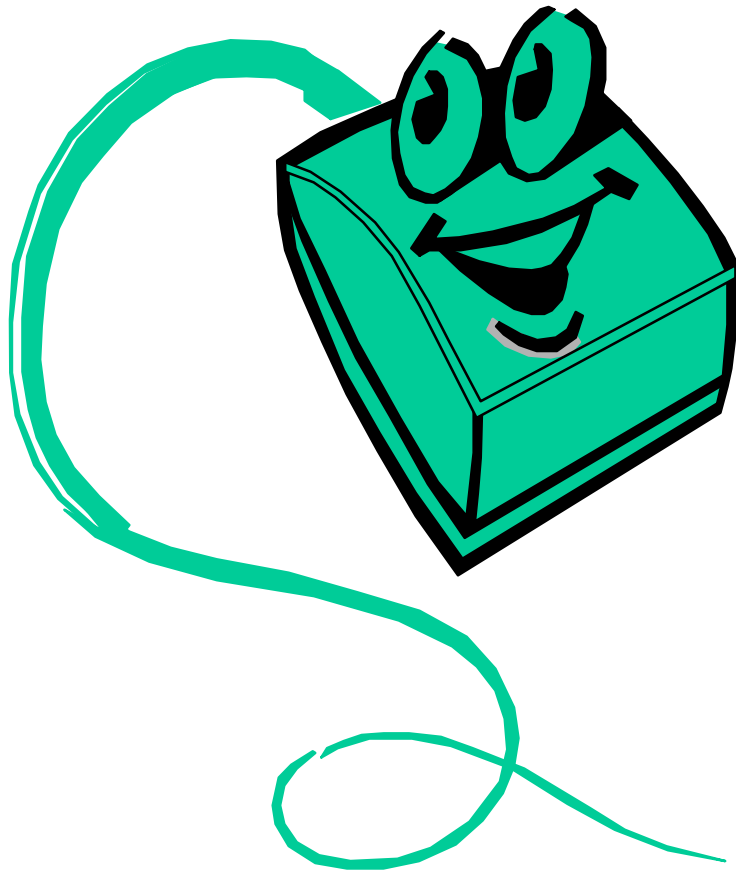
Benefits and Scope of EPM

■ How do UML and RUP help us?



Benefits and Scope of EPM

- What issues are we facing in practice?
 - Modeling needs to be more explicit
 - | EP makes appropriate use of messaging, event handling, and transaction services (B2B and B2C) in a secured environment
 - Modeling needs to be transparent to its users
 - | Provide different views of the same data to different users
 - Modeling needs to offer the support for the 'ilities'
 - | Built-in redundancy to offer continuous availability of the system
 - | Implement support for the integration of ERP, EDI and legacy systems



Summary and Questions