

Introduction : IBM Websphere Process Server & Business Process Management

Agenda

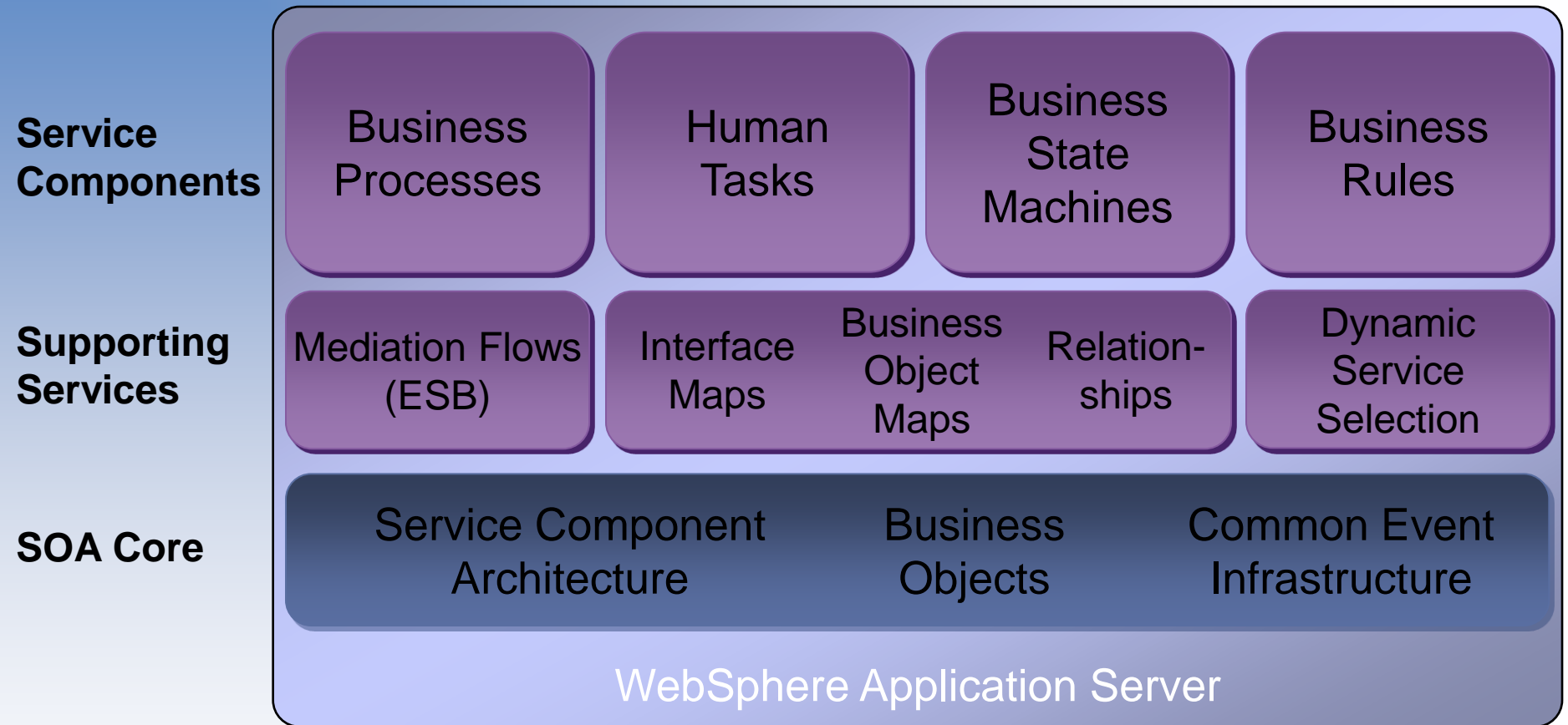
- Introduction to Process Server
- WPS Architecture
- Service Component Architecture (SCA)
- Business Process Execution Language (BPEL)
- Mediations
- Sample Program

Introduction

- Simple and Flexible implementation of SOA.
- Flexible Integration
- Business can define services
- Support for “on the fly” changes.

Use WPS when you need to automate business processes that span people, workflows, applications, systems, platforms, and architectures

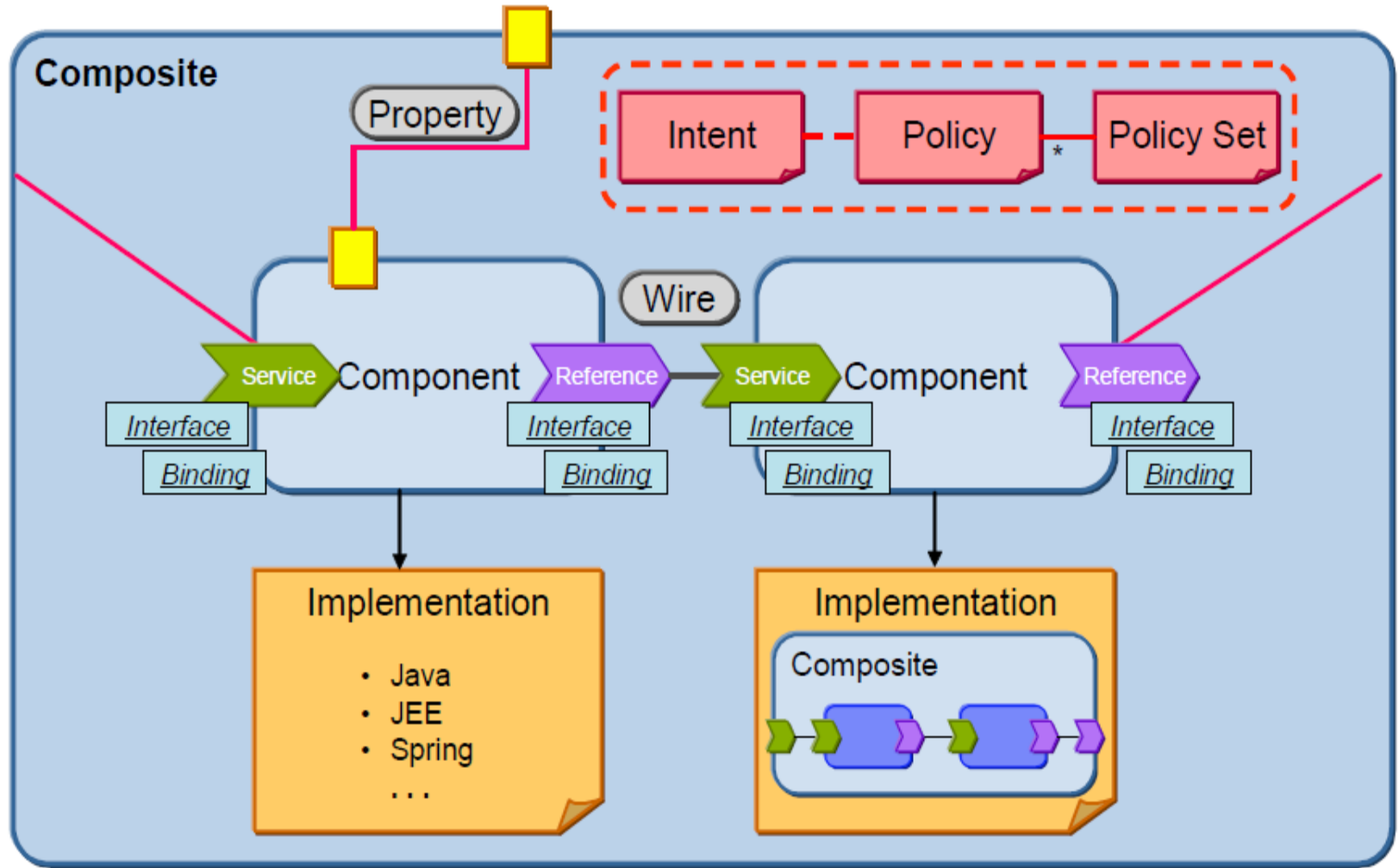
WPS : Architecture



Service Component Architecture (SCA)

- Services as Components
- SCA implementations : BPEL and Mediations
- Service Message Object (SMO)

SCA : Architecture



Business Process Execution Language (BPEL)

- Service choreography
- Services as plug and play components
- Flexible business rule implementation : Decision points
- Adapters for interactions with Email, flat files, and Database

Mediations

- Provides connectivity between components
- Imports and Exports
- Support for multiple communication protocols and methods (SOAP, HTTP, MQ, SCA etc.)
- Data flow between components as SMOs
- Translate SMOs from one component to another using maps

Thank You

A blurred background image showing a person's hands typing on a laptop keyboard. The laptop is open on a dark wooden desk. To the right of the laptop is a white cup of coffee on a matching saucer. In the background, another person is visible, also working at a desk, holding a pen over a document. The overall scene is a professional office environment.