

# 1 - Platform Architecture

Training Session 2011

**REQUER**

- Request Management Applications
- Human Resources, Facilities, ITIL
- Service Management Portals
- Business oriented

**REQUEN**



- Founded 2006
- Applications Web
- J2EE based technology
- Lyon / FRANCE

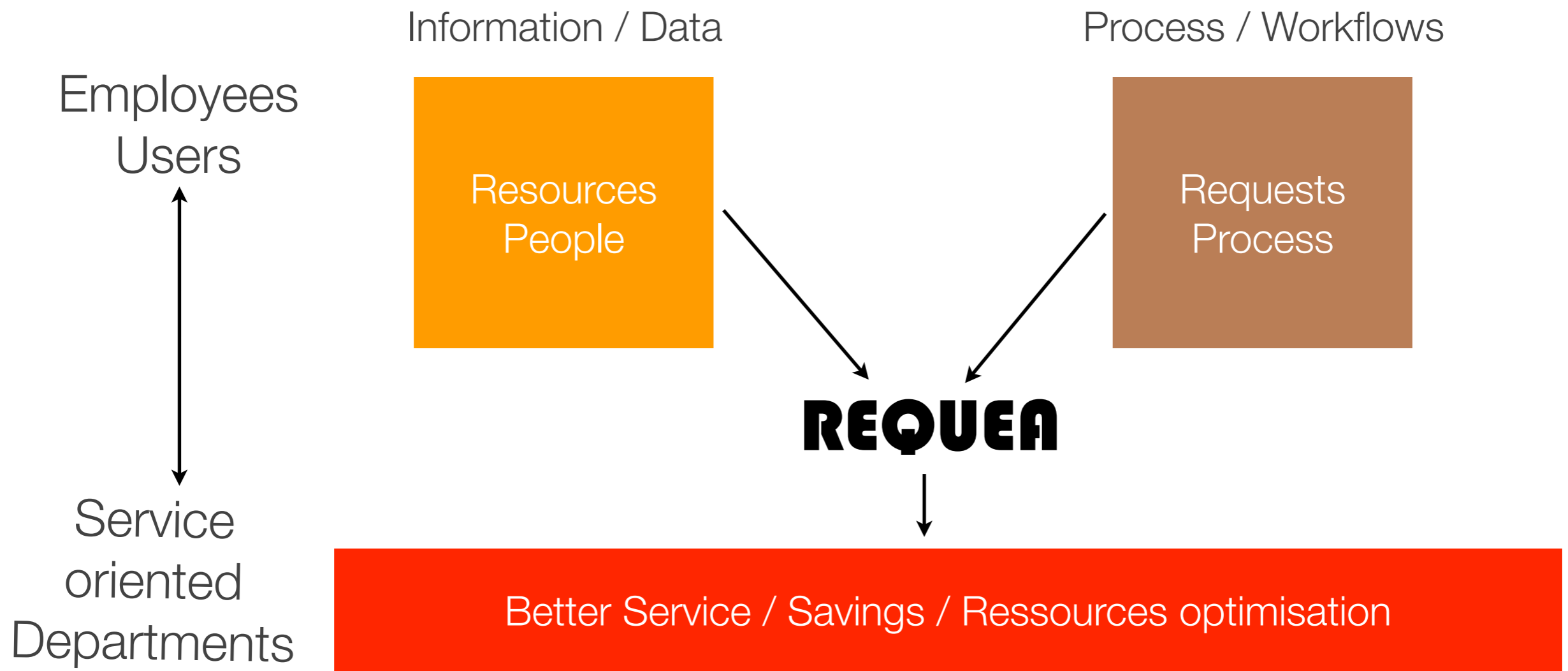
**REQUEN**





# Open Source Strategy

**REQUEN**

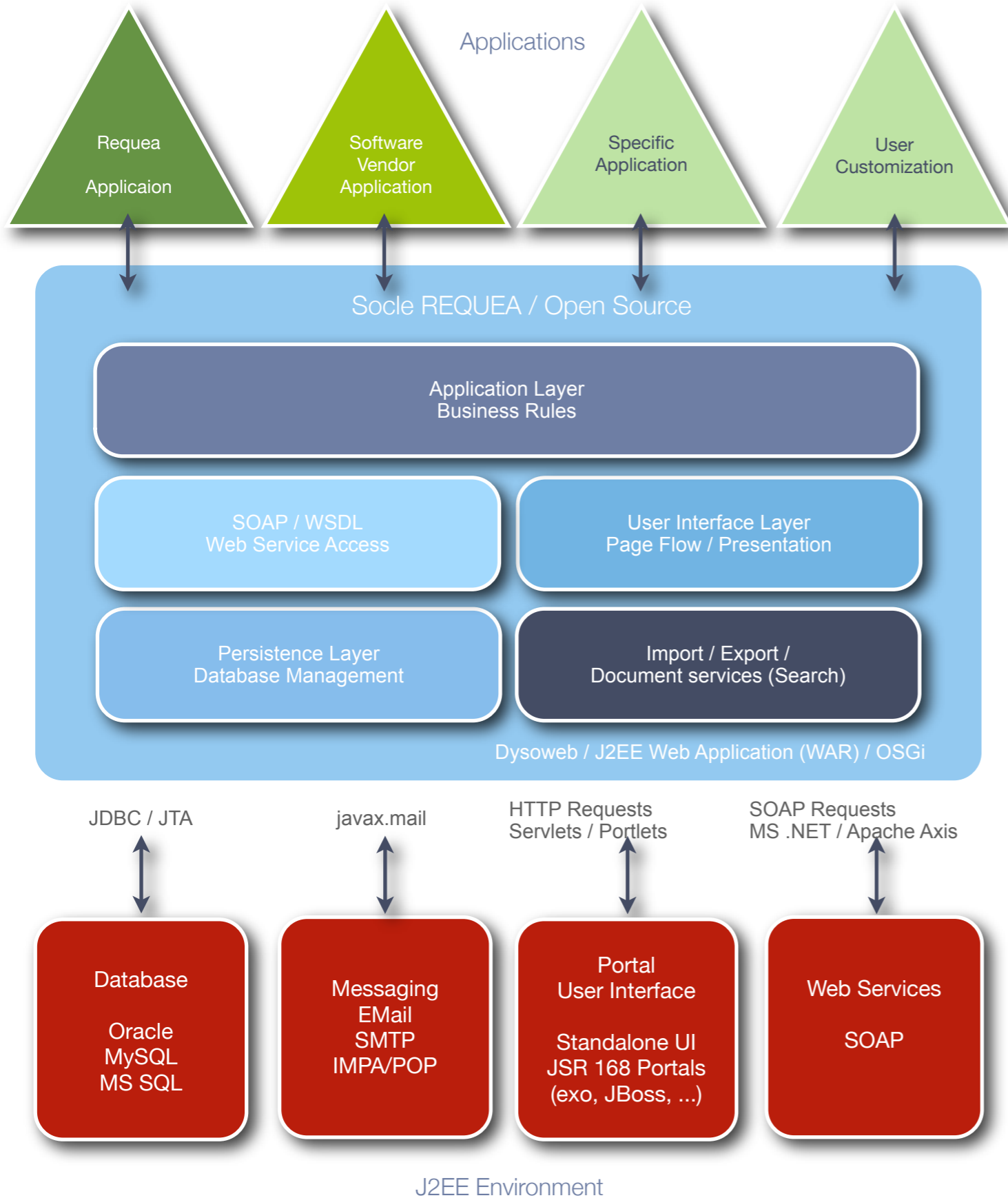




# Dynamic SOA Platform

**REQUER**

- Standard J2EE Architecture
  - Tomcat / Weblogic / Websphere
  - XML Web Services (SOAP)
- Internet / Extranet / Intranet Applications
  - Large browser compatibility: IE / Firefox / Safari
- Database portability
  - Oracle / MS SQL Server / MySQL



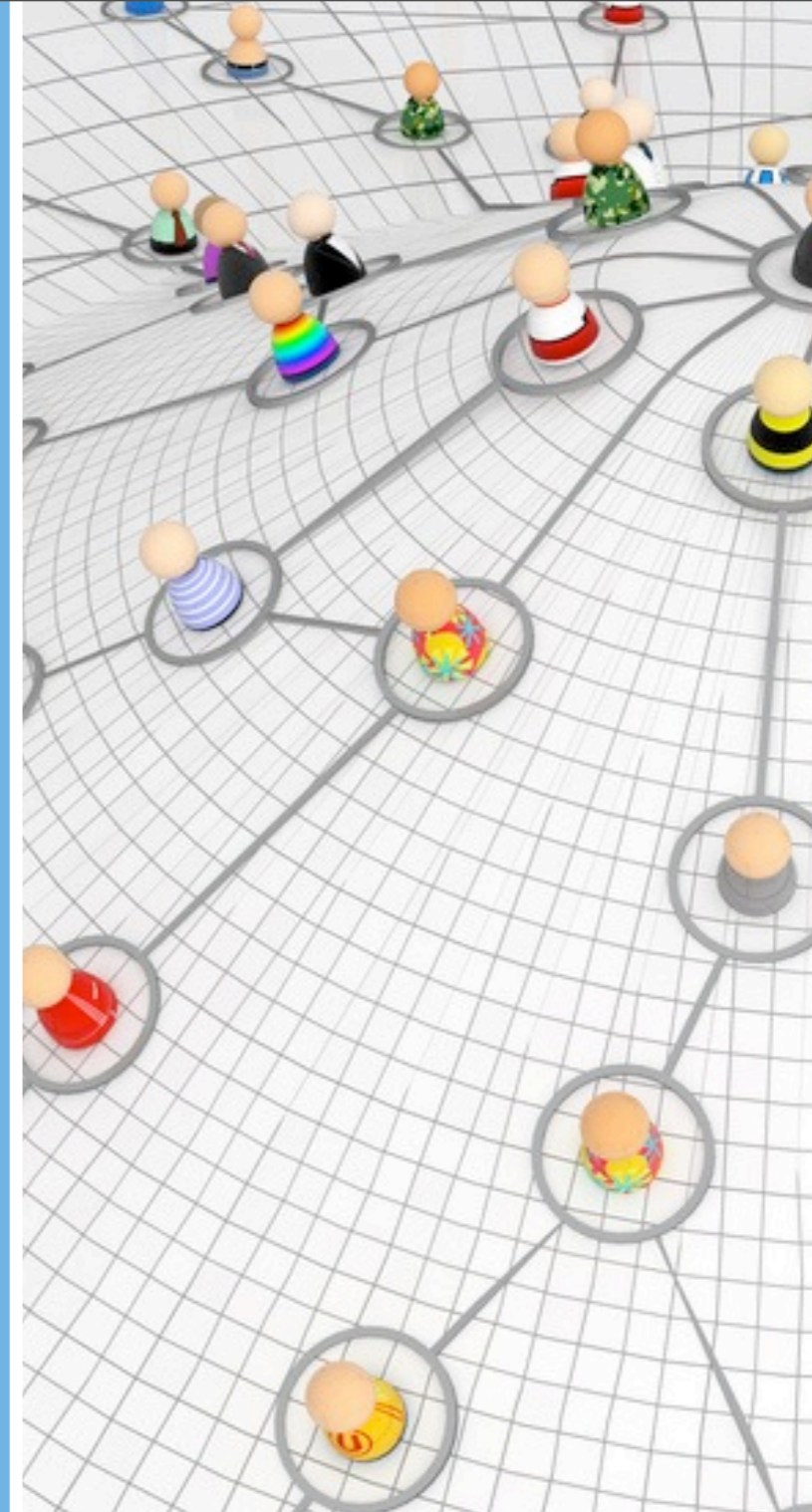
Applications  
(bundles OSGi)

Platform  
(bundles OSGi)

Services provided  
by the  
J2EE Environment



- J2EE Application (Servlet Filter)
- OSGi Platform (Based on Apache Felix Felix)
- Composition and deployment engine
  - Installation / Deployment / Start - Stop of OSGi Bundles
  - Composition of Web applications with Dysoweb bundles
  - Support of Servlets / Filters / JSP / Taglibs / Listeners



Requea Dysoweb  
Dynamic Web Services / OSGi

Rapid creation of services

Operations / Data / Workflows

MDA based applications

Rapid definition and implementation based on the model (Functional Driven Architecture)

User interface / Model driven

Integration easier

Automatically exports services as WSDL / SOAP / HTTP



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# Model Driven Architecture

**REQUEN**

## Model Document Structure and Definition

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Properties = Document Fields

## Model Document Structure and Definition

Operations = Business Rules

Properties = Document Fields

## Model Document Structure and Definition

User Actions = Page Flow

Operations = Business Rules

Properties = Document Fields



Every application exposes its data and operation as WSDL / SOAP

Instant creation of WSDL services

Modular platform (OSGi Bundles)

Possible portal integration

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# Integration

**REQUER**