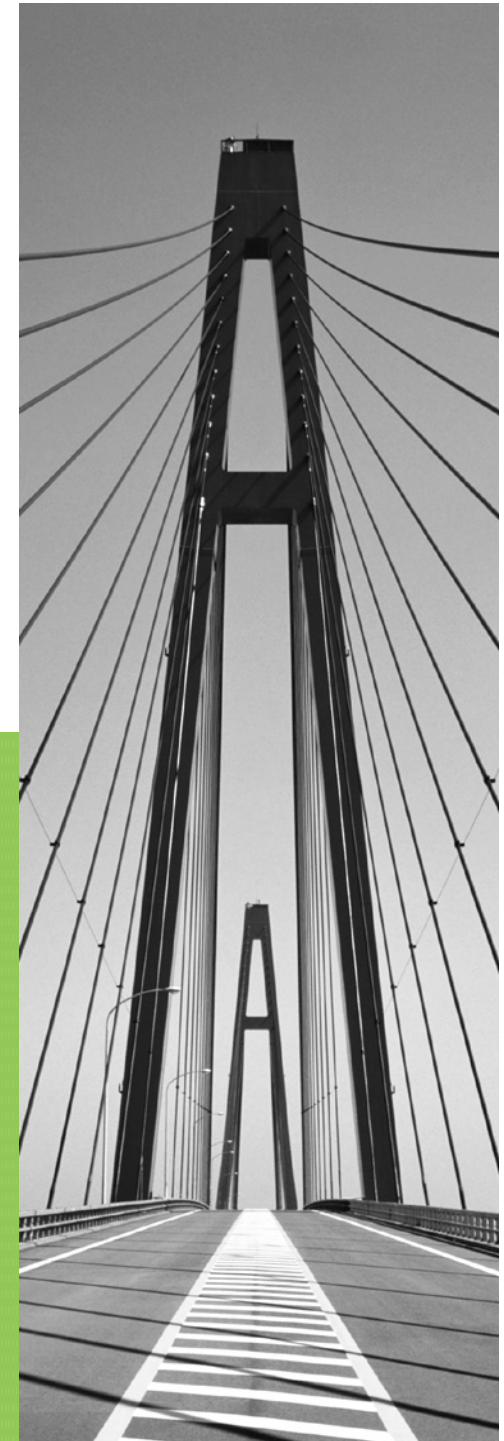




Razvoj aplikacija u SAP tehnologijama temeljenim na Javi

Vedran Kubelka
NetWeaver architect, GBS-IT d.o.o.



- **Cooperation between custom development and R/3 Applications**
 - ◆ **Analysis of Connectivity**
 - **Methods, data consistency, variants**

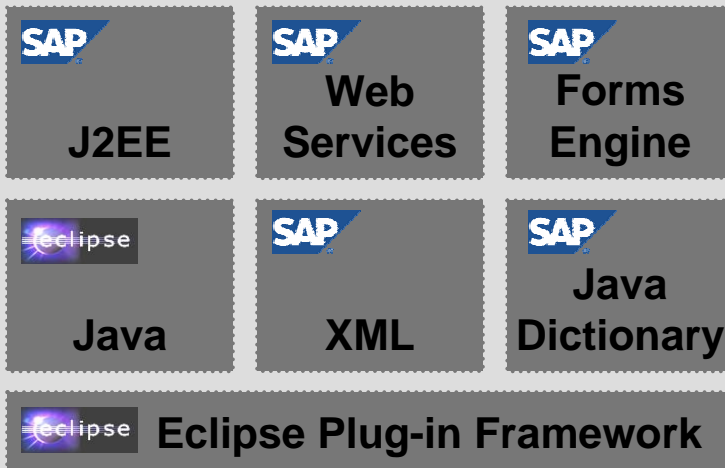
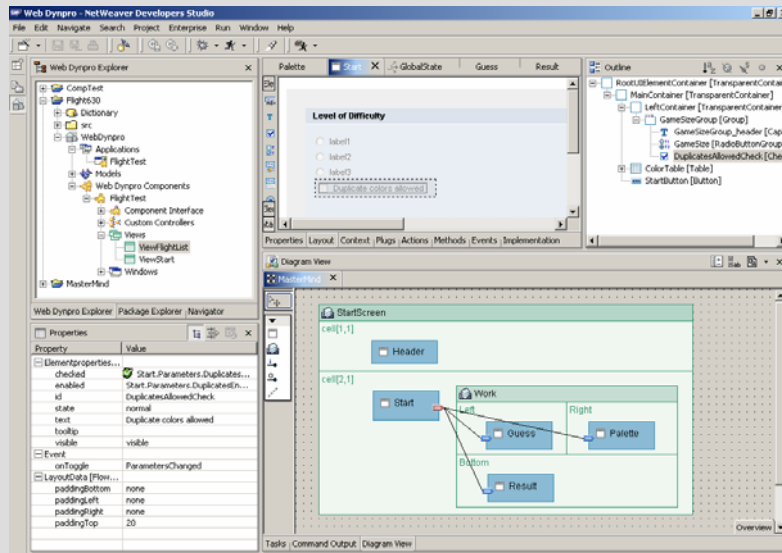
- **Using the SAP NetWeaver Development Environment**
 - ◆ **Transport management**
 - ◆ **Team development, ...**

- **Using SAP NetWeaver components and mechanisms such as WebDynpro**
 - ◆ **Leveraging SAP tooling to the max.**

- **Verification of the capabilities of user management for custom applications**
 - ◆ **Can it be used as standalone service**
 - ◆ **Matching of functionality to a given range of requirements, joint administration of users and rights across multiple installations**

Comprehensive, Standards-Based Tool Set

SAP NetWeaver Developer Studio



- **Extensible and open integrated development environment (IDE) based on Eclipse framework (over 300 SAP plug-ins)**
- **Comprehensive tools to design, develop, deploy, and maintain mission-critical business applications in Java/J2EE**
- **Point-and-click and wizard-based web services**
- **Model-driven approach to application development**
- **Built-in forms engine (Adobe) for developing both interactive and offline forms**
- **Java dictionary for centralized data type and data structure management**

Application platform

SAP Mobile Infrastructure 2.5

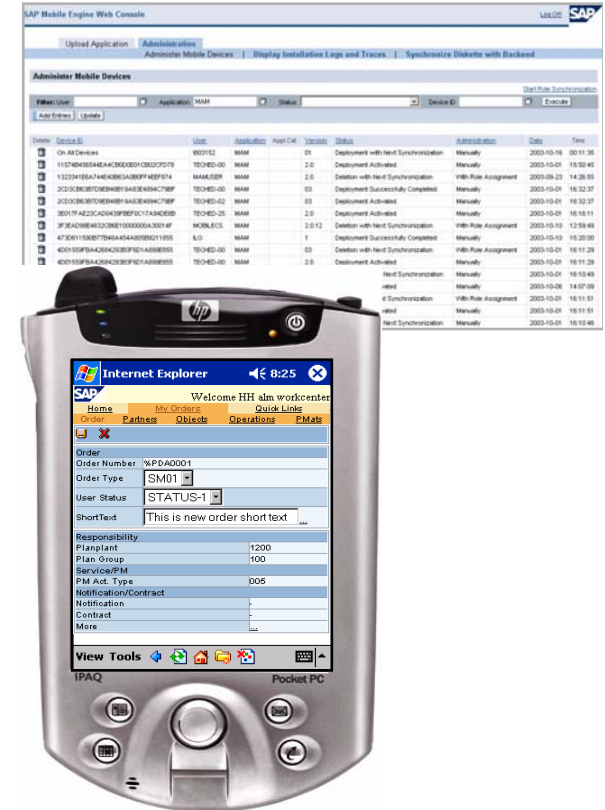
- Running disconnected enterprise applications on all Java-enabled devices
 - ◆ PDAs, Laptops
- Multi-backend support (SAP and non-SAP)
- Central administration and deployment
- Centralized tracing and monitoring of remote devices
- Installation toolkit for mass devices
- Mobile Development Kit (MDK)
- Framework for device driver support

Mobile Web Dynpro

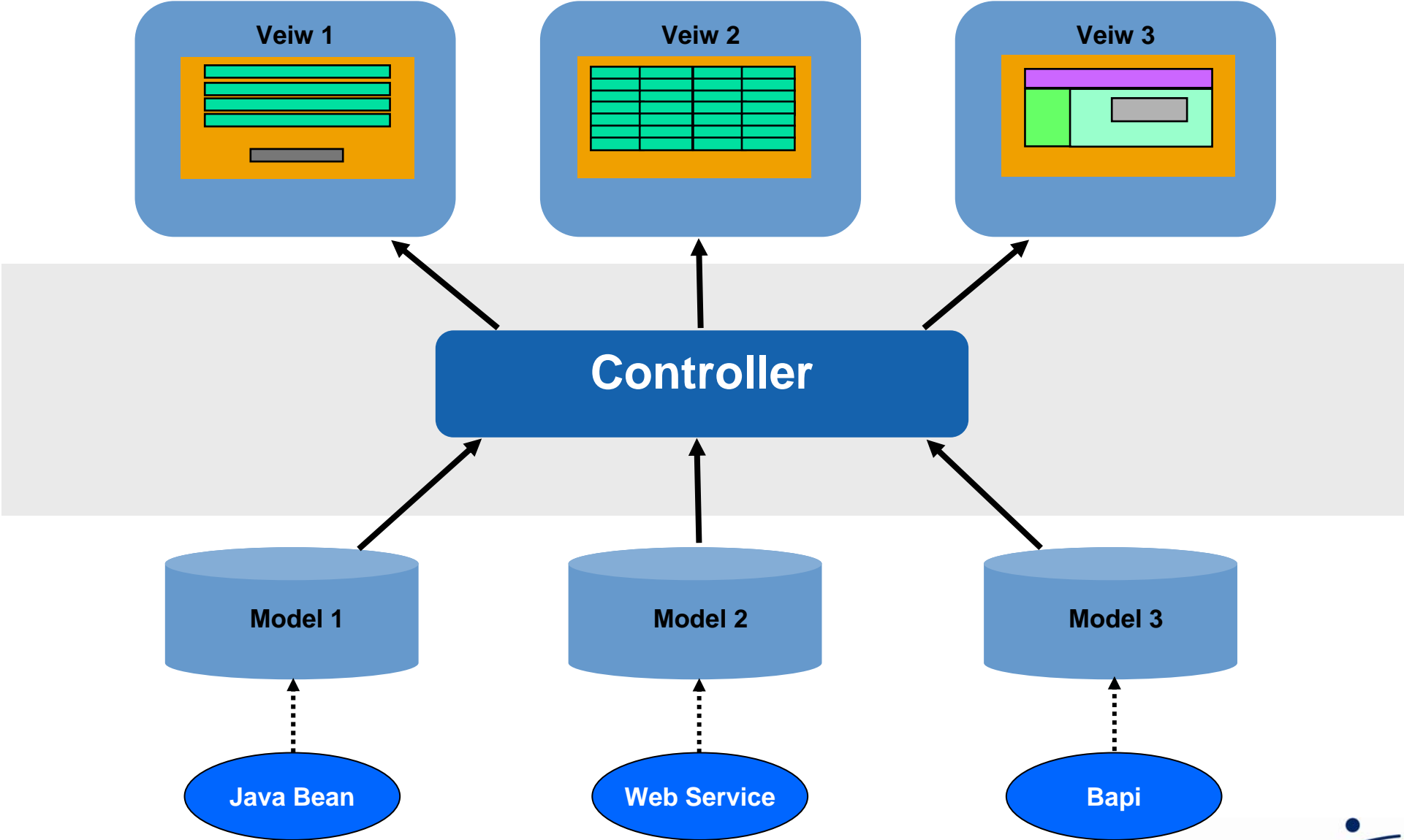
- Running connected enterprise applications on Pocket PC PDAs

Business Communication Broker

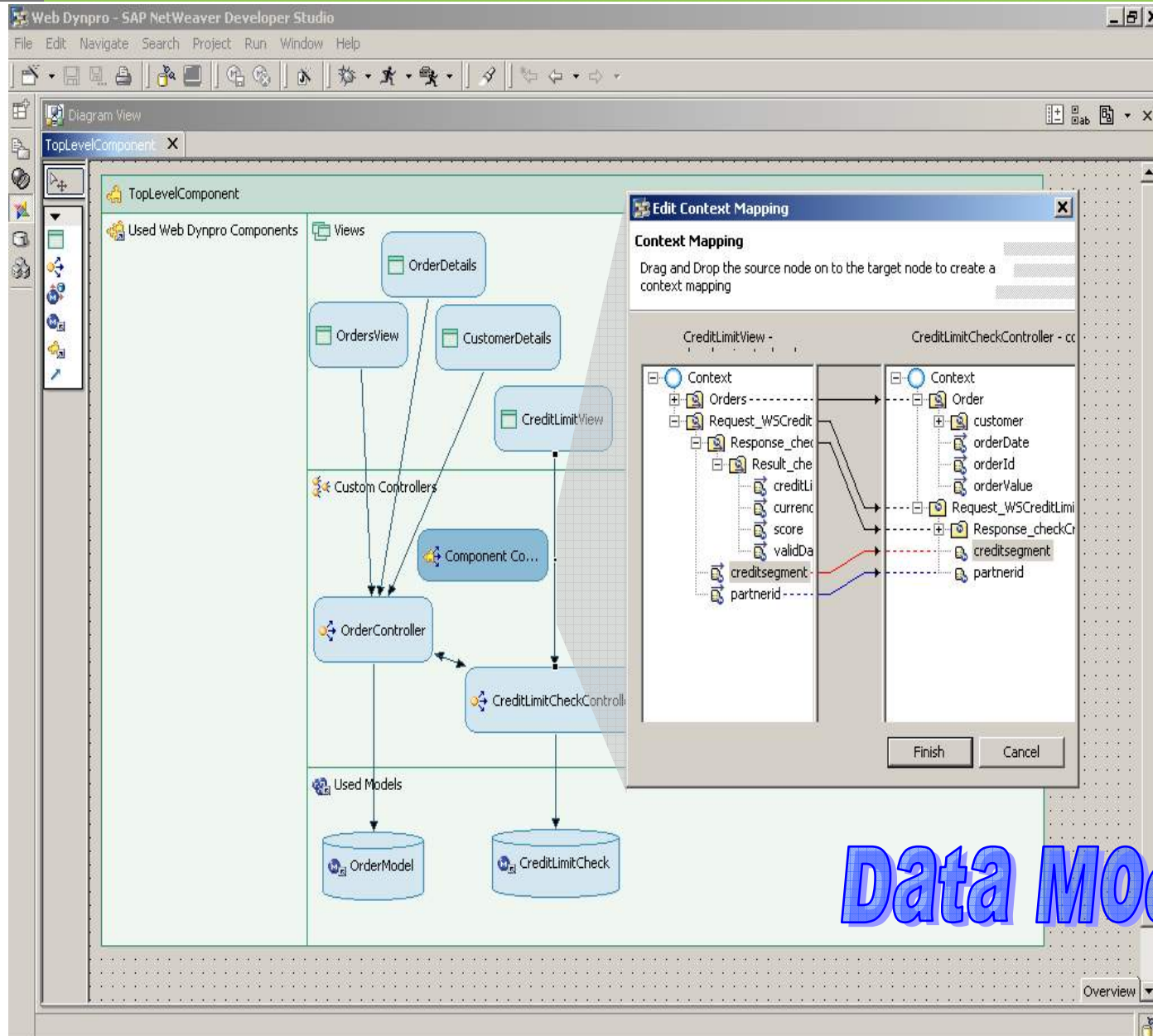
- Synchronous communication (voice)
- Asynchronous communication (fax, e-mail, SMS)



Model - View - Controller

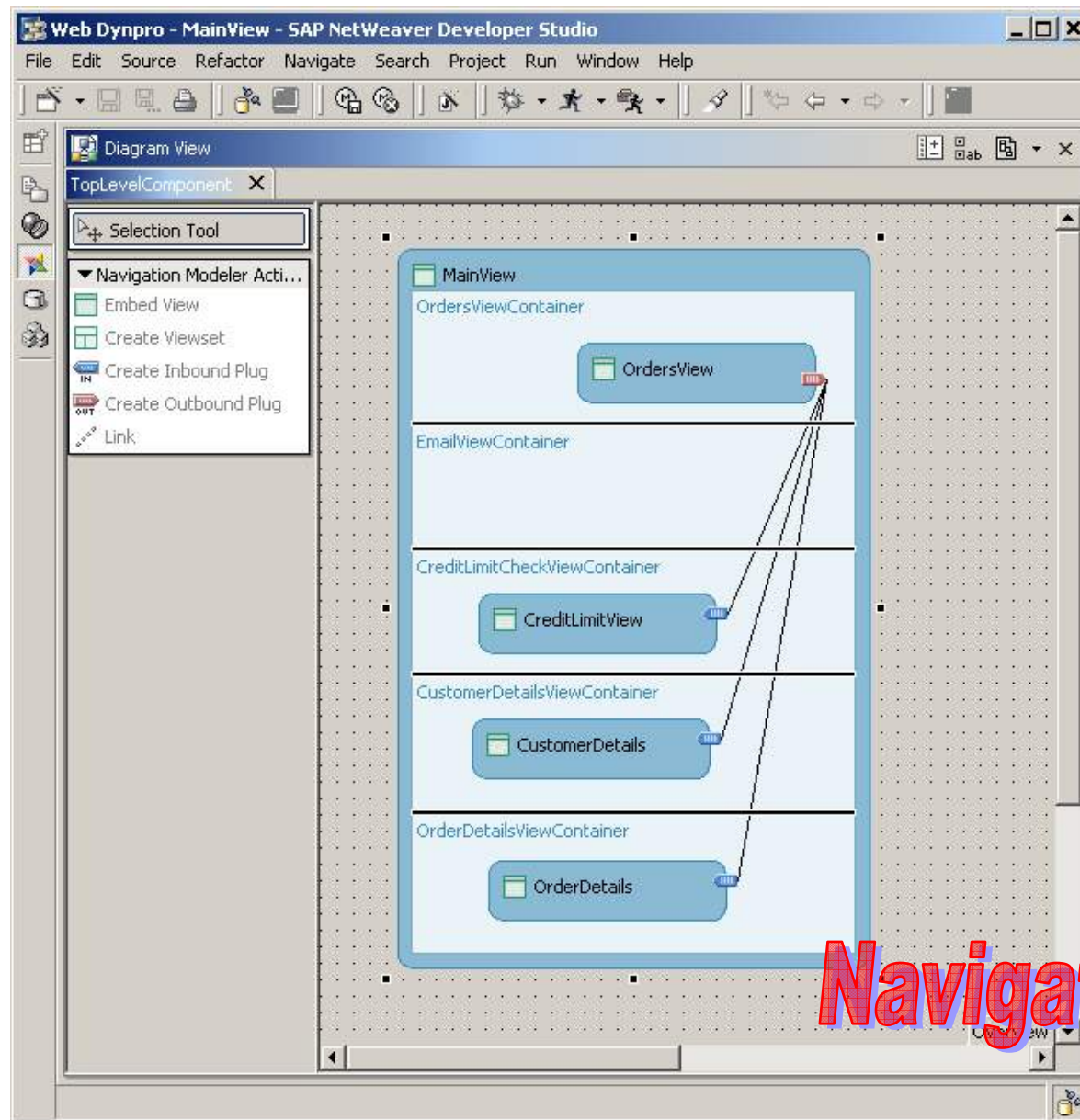


SAP NetWeaver Developer Studio - Web Dynpro Tools



Data Modeler

SAP NetWeaver Developer Studio - Web Dynpro Tools



Navigation Modeler

SAP NetWeaver Developer Studio - Web Dynpro Tools

Property	Value
Elementproper...	
alt	Corporate
border	0
enabled	true
height	
id	Image_9
source	Corporate.gif
tooltip	<>
visible	visible
width	
LayoutData[Gr...	
cellBackgro...	transparent
colSpan	1
hAlign	left
height	
paddingBot...	none
paddingLeft	none
paddingRight	none
paddingTop	none
vAlign	baseline
width	

View Designer

SAP GUI vs Web

KOŠARICA

Pretraživanje

Pretraživanje: Dobavljač:

Grupa materijala: Podgrupa materijala:

Proizvođač: Favoriti:

			Š. m. dob.	Naziv materijala	JM	JC	Valuta	Dobavljač	Proizvođač	Š. m. proizvođača	Opis	Gr
<input type="checkbox"/>			120008	Plava vrpca Filtrak 47mm 391	KUT	55,00	HRK	RU-VE D.O.O.	MUNKTELL & FILTRAK GMBH	3.104.047	qwerty	OS
<input type="checkbox"/>			120009	Crna vrpca Filtrak 47mm 388	KUT	19,14	HRK					
<input type="checkbox"/>			120010	Crna vrpca Filtrak 55mm 388	KUT	19,14	HRK					
<input type="checkbox"/>			120011	Crna vrpca Filtrak 70mm 388	KUT	22,62	HRK					
<input type="checkbox"/>			120012	Crna vrpca Filtrak 90mm 388	KUT	40,89	HRK					

	Materijal	JC	Količina	
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<input type="checkbox"/>				

Red 1 od 23

Ukupna cijena košarice:
167.040,00 HRK

SAP GUI vs Web

PREGLED ODOBRENIH ZAHTJEVNICA

Pretraživanje narudžbi

Od : 26.06.2006 Do : 29.06.2006

Kompanija - Mjesto troška -

Pretraži

narudžbe

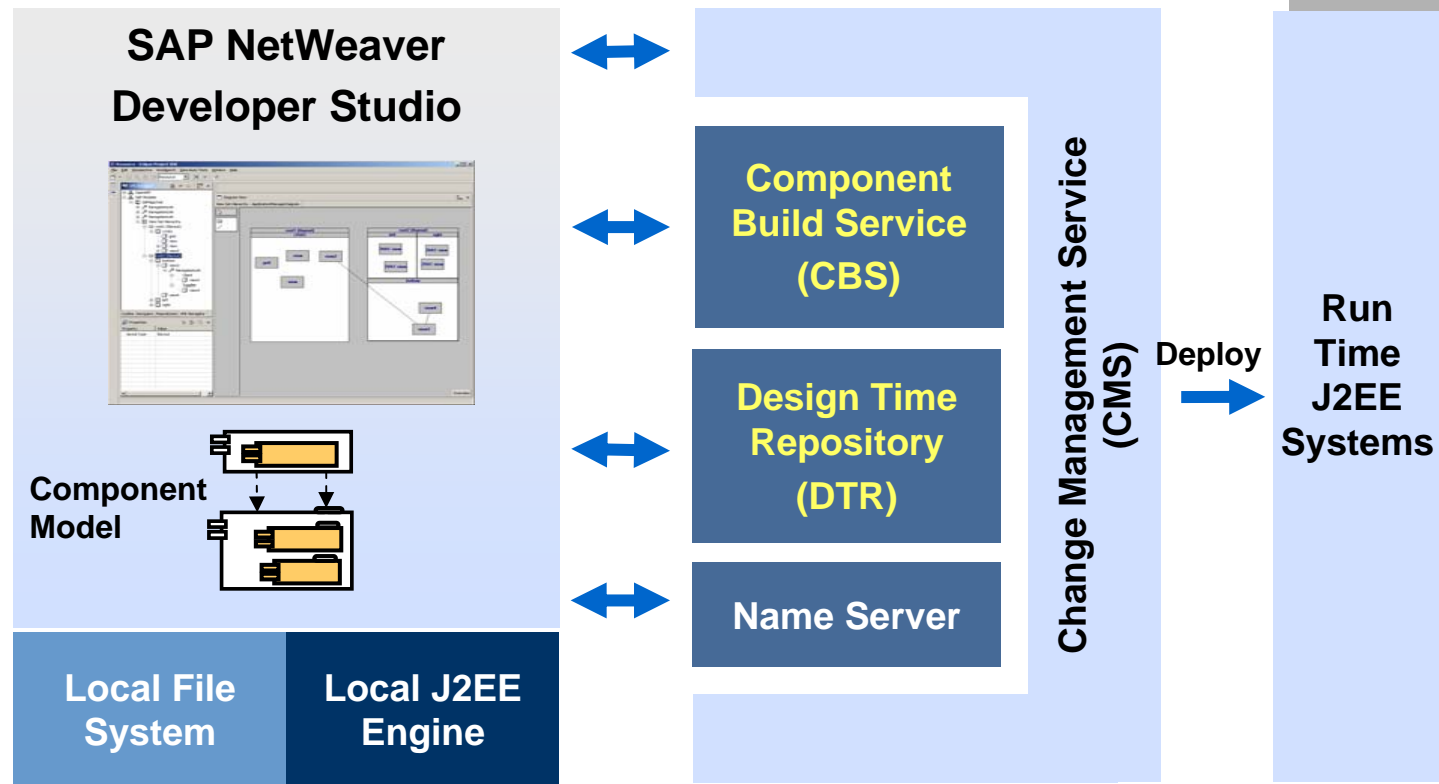
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<input type="checkbox"/>	158	0450062093	439,51	FOLIJAPLAST D.O.O.	korisnik	PL05	1000	-	27. 06. 2006. - 14:44:31	kata
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Red 1 od 3

stavke

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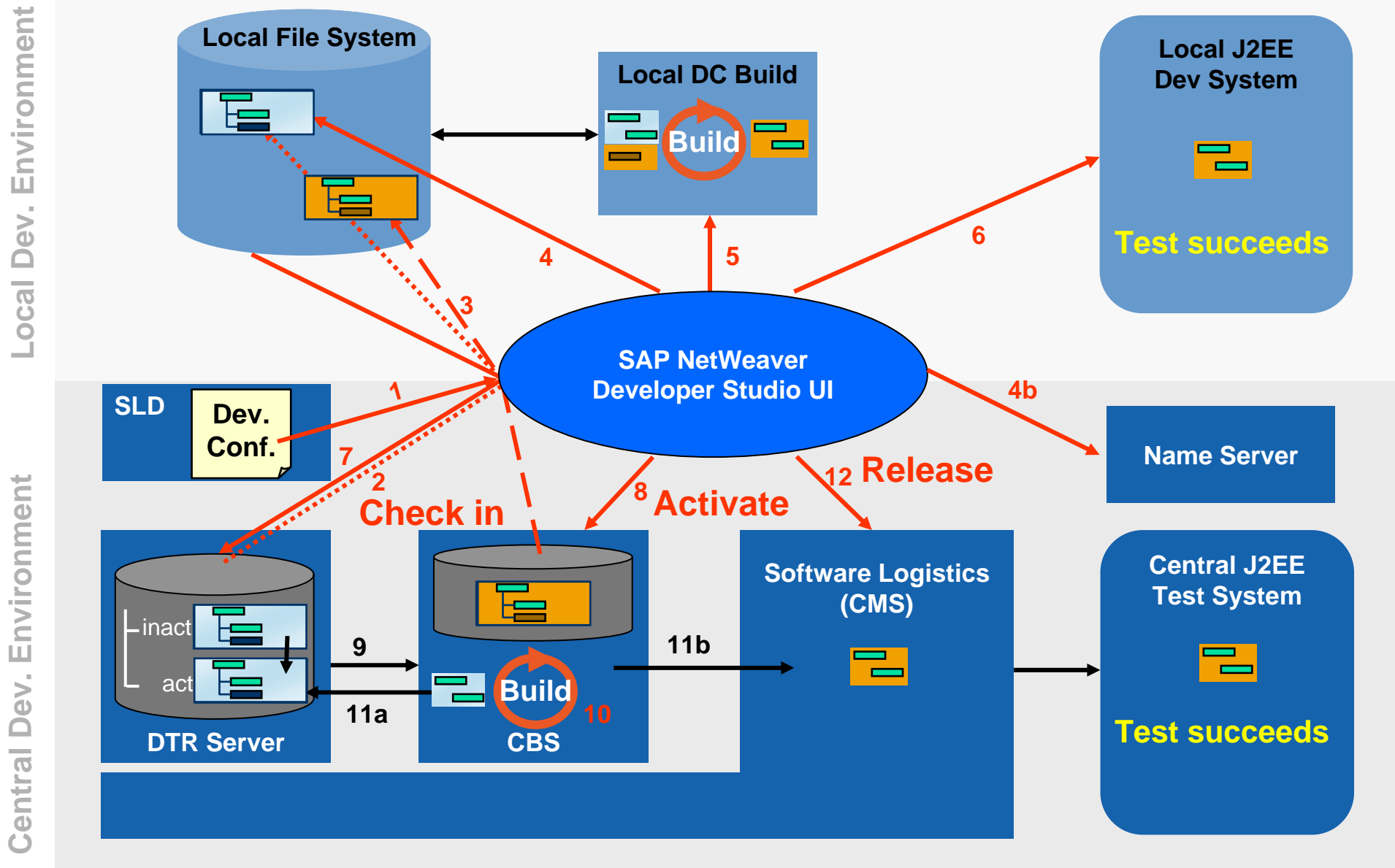
Java Development Infrastructure



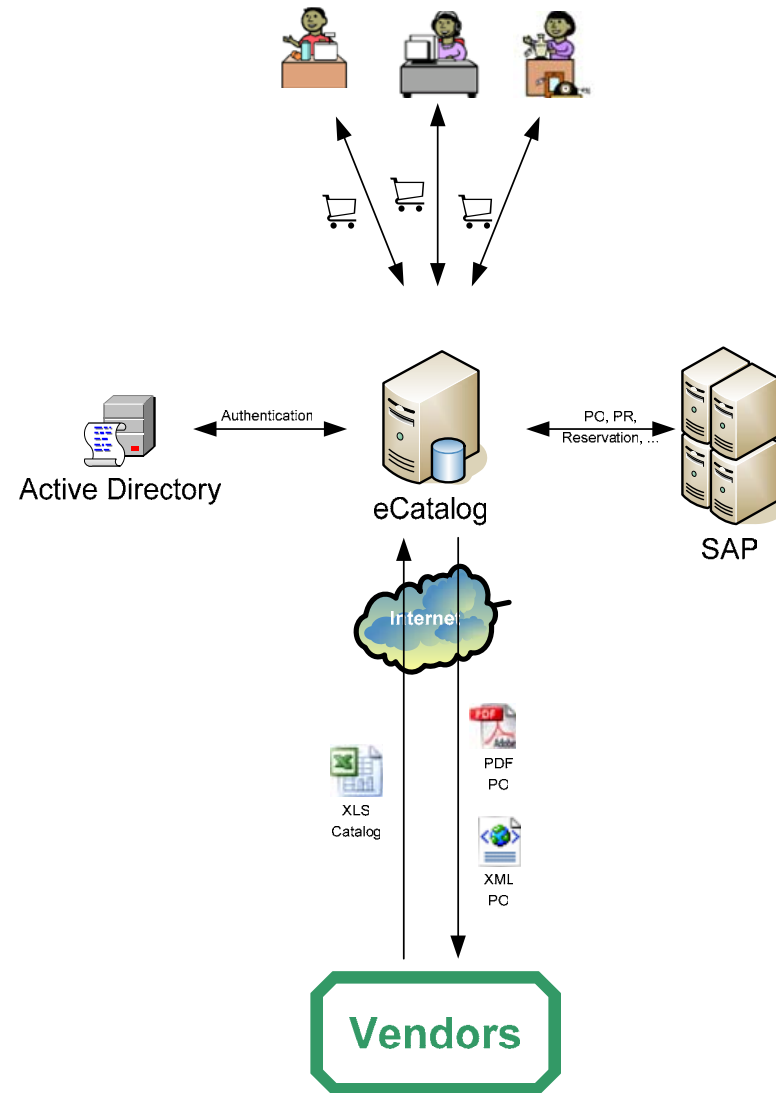
Goals

- Speed up development process
- Provide consistent software configurations in multiple dev. locations
- Support shipping and upgrade of versioned source code
- Bring proven ABAP development concepts to the Java world

JDI Based Development: Process



eCatalog System Landscape



Summary

Positive Experiences

- Mature enough to use in “serious” projects
- Modern development tool
- Integrated development environment extended to the Java world
- SDN weblogs & forums

Negative Experiences

- Significant amount of Know-How build-up necessary
- Some functionality still lacking, more to come with new service packs

Excellent application platform offering End-To-End Development and Product Integration.



Any questions?



Thank You !

