

Oracle Development Tools and Frameworks

Jürgen Menge
Oracle Deutschland B.V. & Co. KG
BU Fusion Middleware

**ORACLE
OPEN
WORLD**

October 25–29, 2015
San Francisco

ORACLE

Copyright © 2015, Oracle and/or its affiliates. All rights reserved. |

Oracle Confidential –

Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Oracle Fusion Middleware 12.2.1

- Kompletter Fusion Middleware Stack
 - Oracle WebLogic Server/Coherence
 - Oracle SOA Suite
 - Oracle BPM
 - Oracle Service Bus
 - **Oracle JDeveloper/ADF**
 - **Oracle Jet**
 - Oracle WebCenter
 - **Oracle Forms/Reports**
 - Oracle BI
- Support für JDK 8

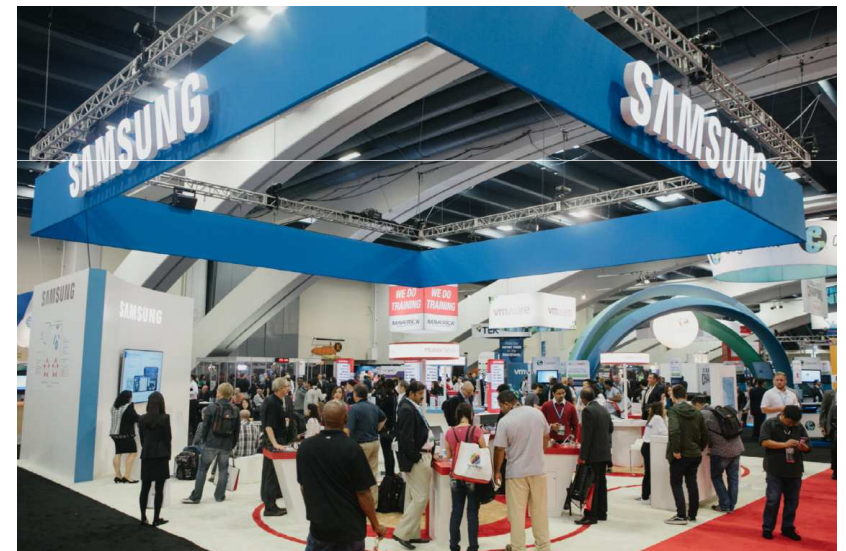
Oracle Forms/Reports 12c

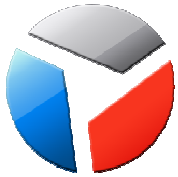


- 4 Varianten der Client Runtime
 - Applet im Browser
 - JNLP im Browser
 - Java Web Start
 - Standalon
- Native Integration des Oracle BI Publisher
 - Verwendet die BI Publisher Web Services
 - asynchrone Ausführung

Oracle Mobile Platform

- Mobile Application Framework (MAF)
 - MAF 2.3 wird Windows 10 als dritte Plattform nach iOS und Android unterstützen
- Strategische Partnerschaft mit Samsung
- Strategische Partnerschaft mit Xamarin
 - Cross-Plattform Entwicklung nativer Apps
 - Integration mit Oracle Mobile Security Suite (OMSS) und Mobile Cloud Service (OMCS)





Oracle JET

Oracle JET is targeted at intermediate to advanced JavaScript developers working on client-side applications. It's a collection of open source JavaScript libraries along with a set of Oracle contributed JavaScript libraries that make it as simple and efficient as possible to build applications that consume and interact with Oracle products and services, specifically Oracle Cloud services.

Oracle Jet

Charakteristik (1)

- Modularität gegenüber einem All-in-one Ansatz
- Integration von Open Source Libraries



Hammer



Knockout.js



jQuery



jQueryUI



RequireJS

Oracle Jet

Charakteristik (2)

- Fokus liegt auf Unternehmens-Anwendungen
 - Barrierefreiheit
 - Internationalisierung
 - Integration in existierende Sites
 - HTML5 Standard
 - JavaScript Entwickler
- Verwendung eines beliebigen Text-Editors oder von NetBeans (mit Jet PlugIn)
- Open Source-Lizenz geplant

Oracle JET vs Oracle ADF

	Oracle ADF	Oracle JET
Who is it for	Java Developer	JavaScript Client Developer
Where it runs	Server	Client
Development Experience	Declarative	Code centric
Development Tools	JDeveloper / OEPE	Any
Architecture	MVC	MVVM
Data Services	ADF BC, EJB/POJO, SOAP, REST	REST, JSON
Customization & Backward Compatibility	MDS and XML based	Develop Your Own
Based on	Java EE	Popular open source libraries
Integrated Solutions	SOA, BI, WebCenter	Application Builder Cloud Service
What Oracle Builds with it	SaaS applications	PaaS products

Oracle ADF 12.2.1 – Neue Features

- Integration der IDEs (JDeveloper, OEPE) mit Developer Cloud Service
- ADF Business Components als REST Service bereitstellen
- Data Control für REST (XML oder JSON)
- Remote Task Flows
- ADF Essentials für GlassFish 4.1 zertifiziert

Erweiterungen in ADF Faces

- Neue DVT-Komponenten
- Neues Layout (Masonry)
 - Tiles können verschoben werden
- Unterstützung für Responsive Layout
 - Tablet First Template
 - Darstellung abhängig von Media Query
- Browser-basierter Theme Editor ersetzt den bisherigen Skin Editor

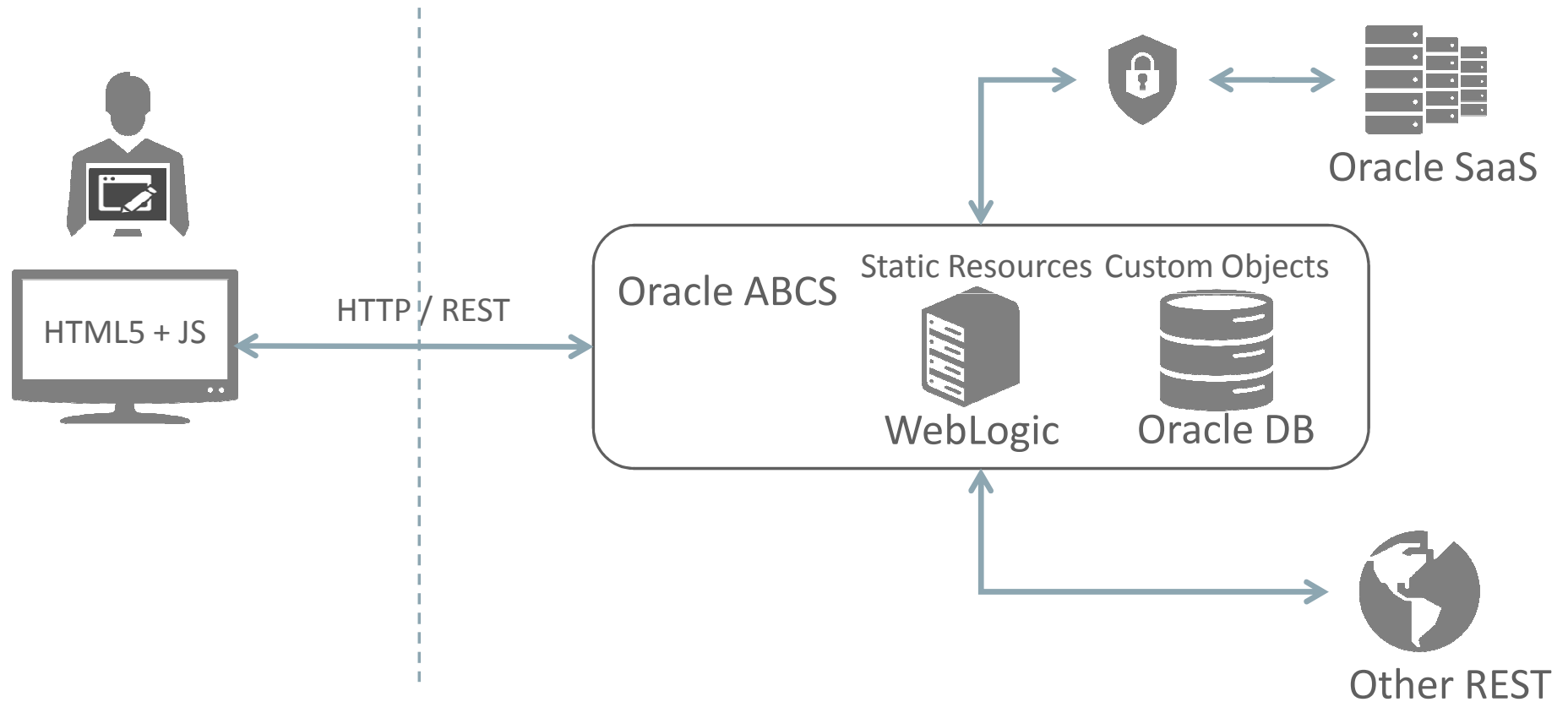


Werkzeuge für den Fachanwender

- Oracle Application Builder Cloud Service (ABCS)
 - Entwicklung und Bereitstellung von Web-Applikationen in der Cloud
 - Verbindung zu Software Cloud Services (SaaS)
 - Verbindung zu Plattform Cloud Services (PaaS) (Zukunft)
- Oracle Mobile Application Accelerator (MAX)
 - Entwicklung und Bereitstellung von Apps für mobile Geräte
 - Verbindung zum Mobile Cloud Service

Oracle Application Builder Cloud Service

Überblick



Question & Answers

Jürgen Menge

juergen.menge@oracle.com

