



ZKI AK Verzeichnisdienste
WÜ 08.10.2012

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Product Manager for OpenIDM

ForgeRock

- ✓ Founded in October 2009
- ✓ ~80 Employees Worldwide
- ✓ Headquartered in San Francisco, rooted in Norway
- ✓ Subsidiaries in US, UK, Norway, New Zealand & France
- ✓ Development Centers in US, UK & France
- ✓ Marquee Investor: Accel Partners
- ✓ Marquee Advisors: McNealy / Gosling

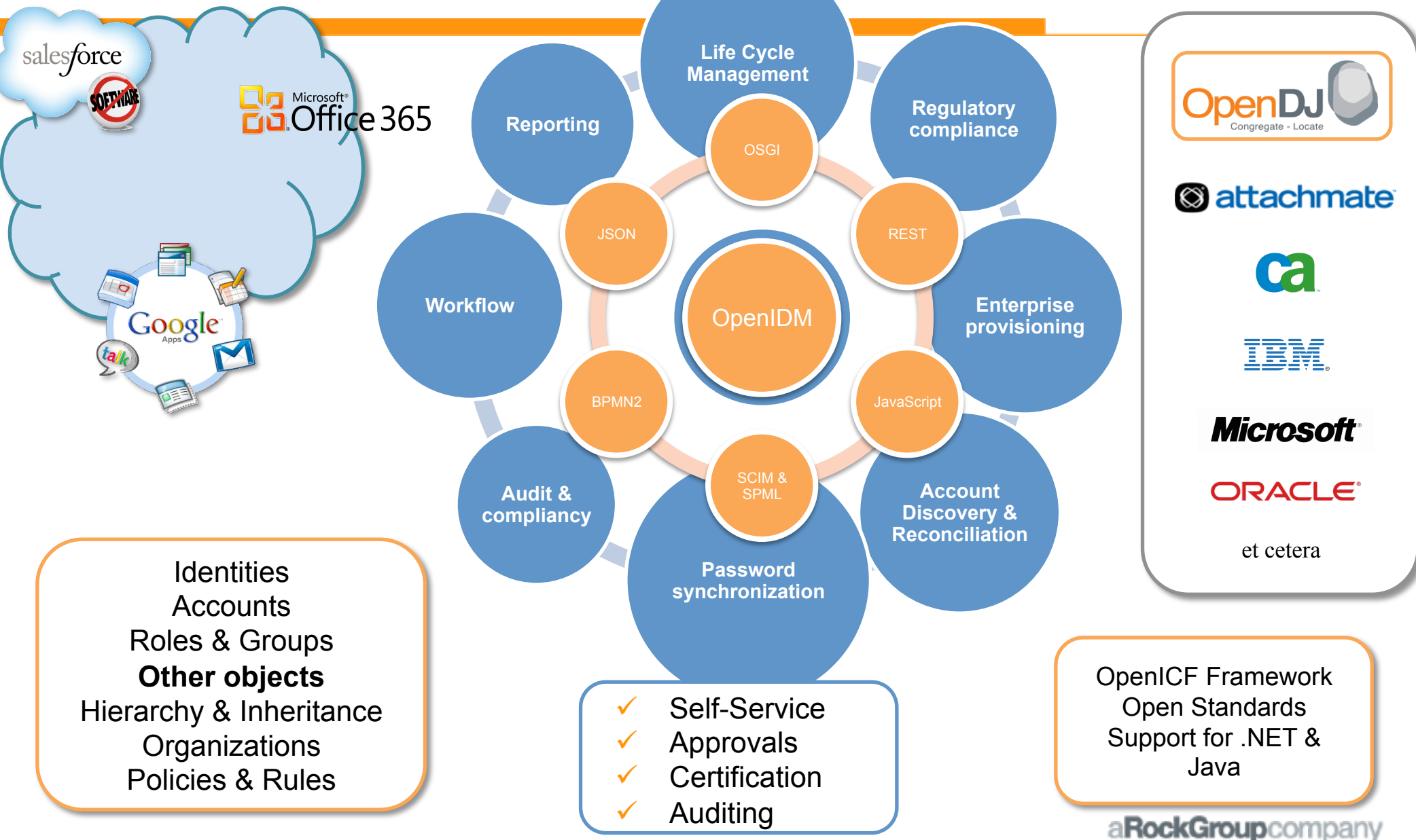




The classics of IdM?

- ✓ **Life cycle management of Identities...**
 - Joiners/Movers/Leavers – Onboarding/Offboarding
- ✓ **... and dealing with their physical and digital access and entitlements**
 - Provisioning and de-provisioning to systems
- ✓ **Keeping track of who did what, why and when?**
 - Reporting and Auditing

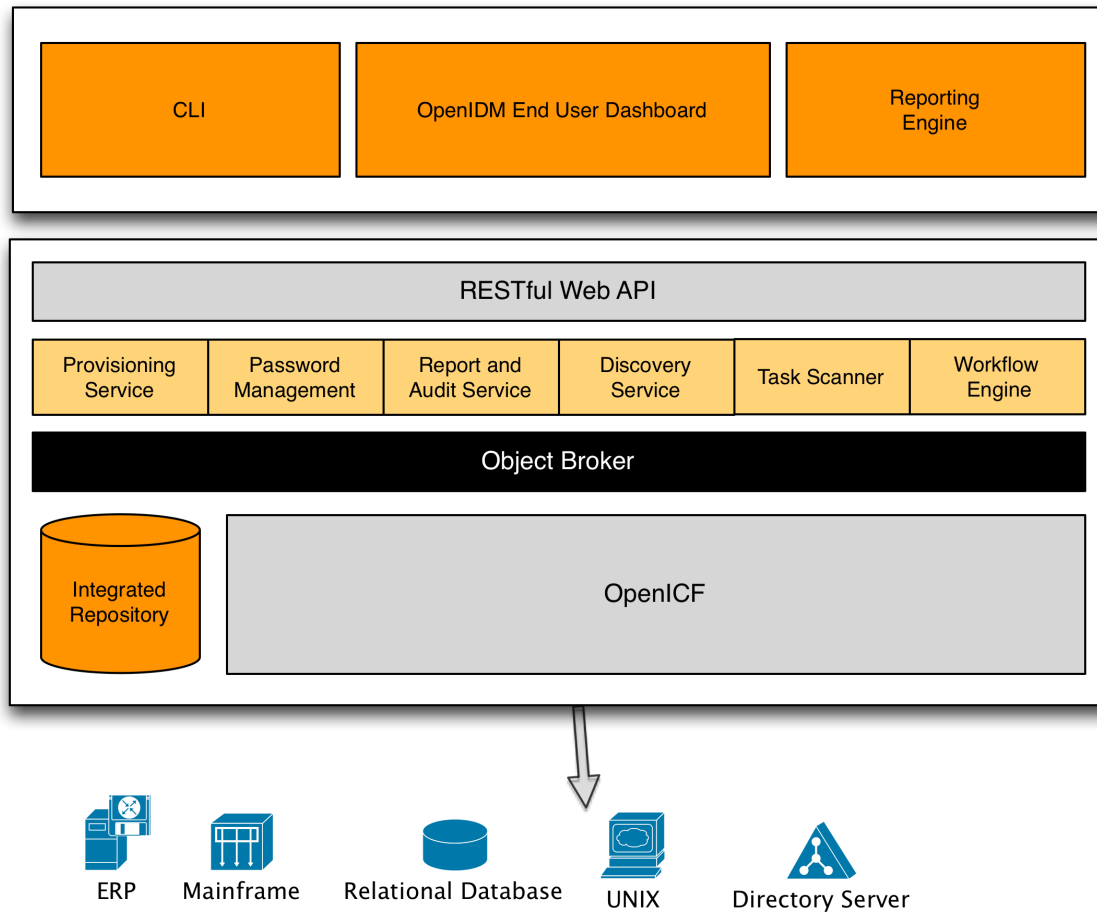
Product scope & vision



Governing Principles

- ✓ **Lightweight**
 - JSON, small foot print, few dependencies
- ✓ **Developer friendly**
 - Consistent APIs, Favored components
- ✓ **Modular**
 - OSGi – Use and run only services needed.
Dynamic!
- ✓ **Flexible**
 - Plenty of extension points and integration capabilities.

Lets go in depth...



External Services

OSGi Core Services

Technical Capabilities

- ✓ Installation
- ✓ Integration
- ✓ Discovery Engine
- ✓ Synchronization
- ✓ Password Management
- ✓ Business Rules and Workflow
- ✓ Auditing and Reporting
- ✓ Self-Service
- ✓ (Anonymous) self-registration

Installation

- ✓ One ZIP file with everything needed included!
- ✓ To install, just unzip.
- ✓ Small footprint

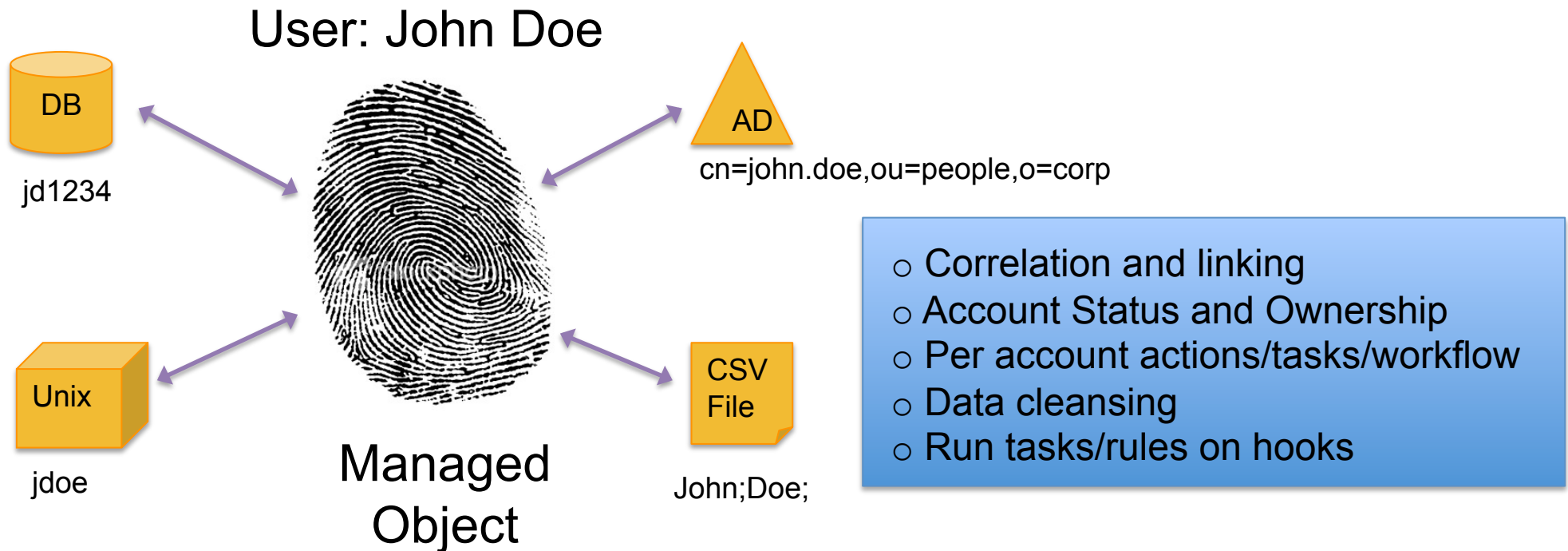
Integration for CRUD

- ✓ OpenICF connectors
- ✓ Push/Pull via REST

Active Directory (.net)	CA Unidesk (groupware)
Database Table (db)	XML File (file)
Scripted SQL (db)	CSV File (file)
DB2 (db)	Tivoli Access Manager (sso)
MySQL (db)	Solaris (os)
Oracle (db)	VMS (os)
MS SQL (db)	Oracle ERP (erp)
LDAP (ldap)	SalesForce.COM (cloud)
Exchange (.net)	
SPMLv2 (Webservices)	
RACF (mainframe)	
Web TimeSheet (cloud)	
Google Apps (cloud)	

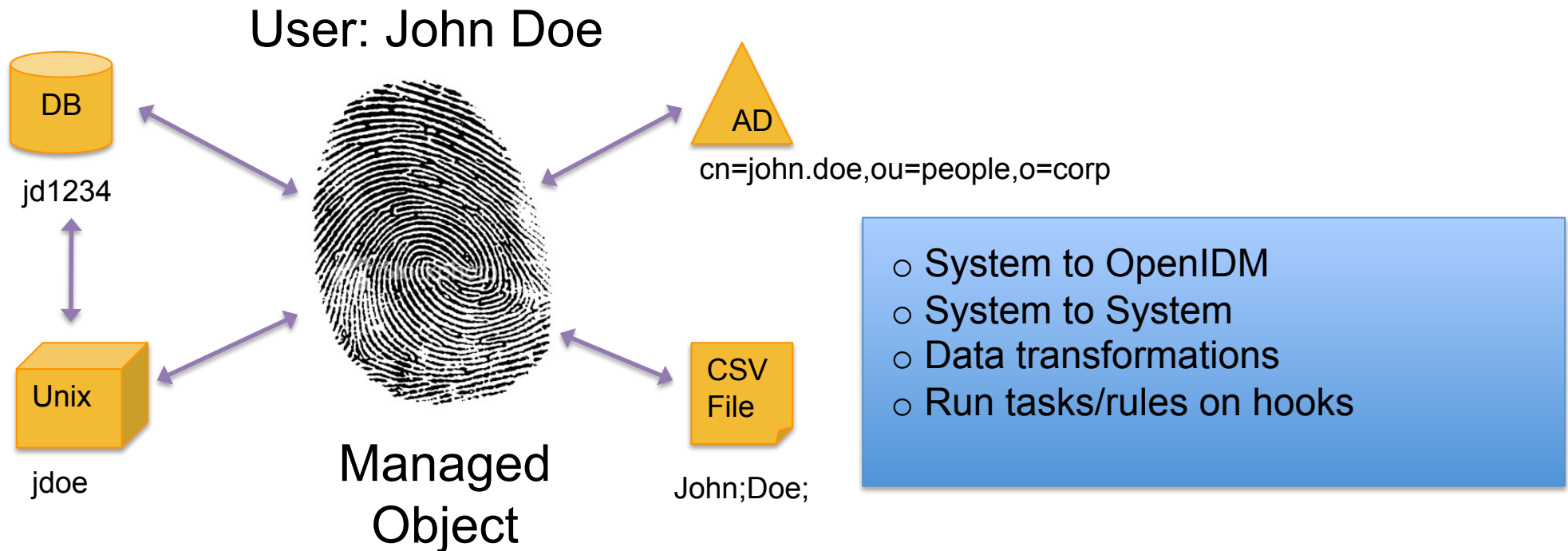
Discovery Engine

✓ Reconciliation



Discovery Engine

✓ Synchronization



Password Management

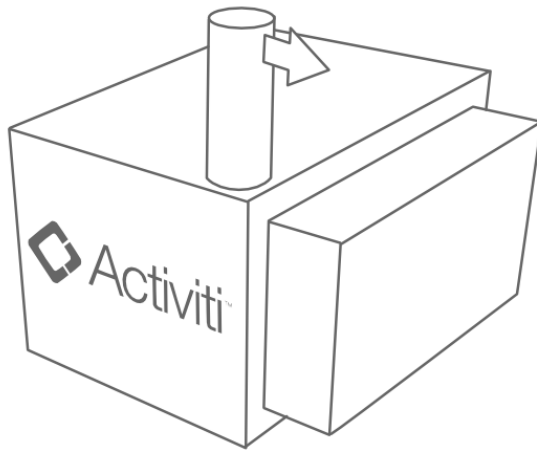
- ✓ Synchronize passwords to integrated resources
- ✓ Intercept password changes natively on OpenDJ and Active Directory via plug-ins.
- ✓ Supports password changes and resets according to password policy.
- ✓ Password resets using challenge questions
- ✓ Self-Service Password management

Business Logic and Rules

- ✓ Defined using JavaScript
- ✓ Invoke BPMN workflow everywhere!
- ✓ Hooks through-out the product
 - onCreate, onUpdate, onDelete
 - Triggers and on situations
 - Scheduled and deferred tasks

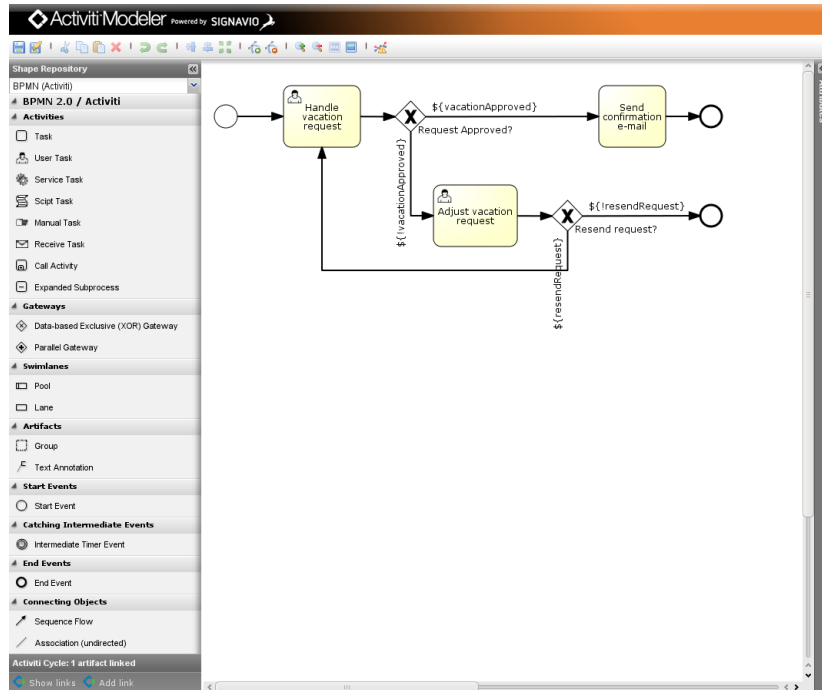
Business Processes

WÖRKFLOW



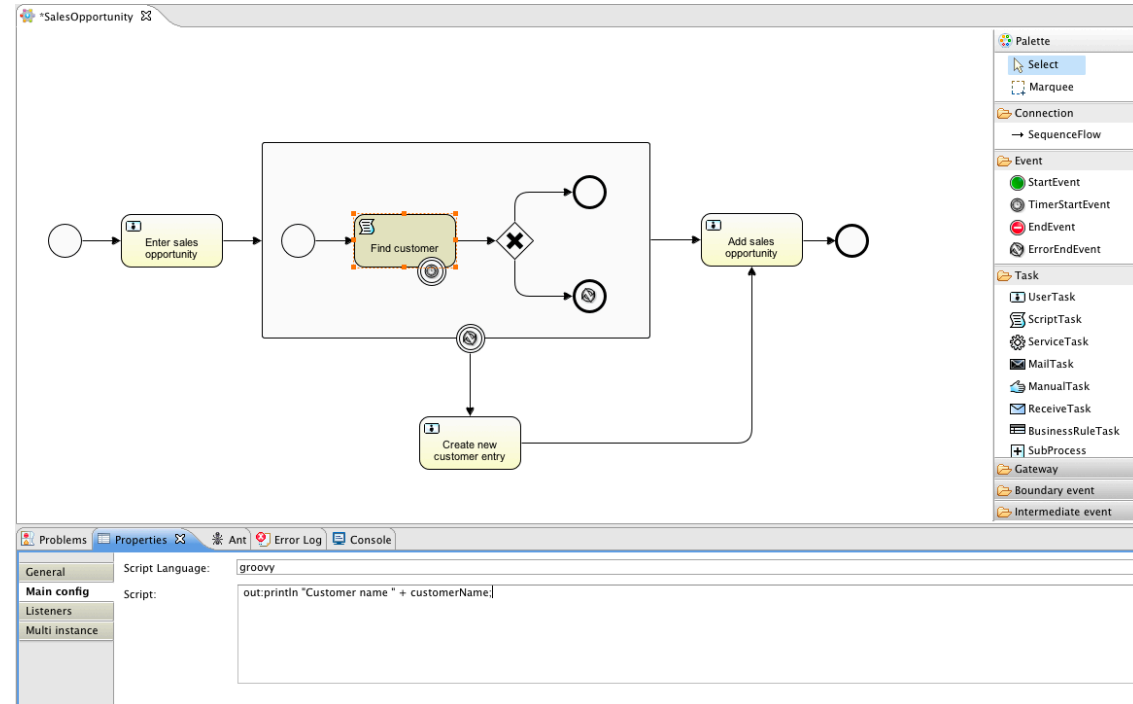
- ✓ Full blown BPMN 2.0 workflow engine
- ✓ Embedded as OSGi bundle
- ✓ Approvals, Notifications, Escalations, Delegations, Manual actions
- ✓ Can be invoked on Hooks, scheduled, deferred or by triggers
- ✓ Interact externally via REST

Workflow Tooling



Process Modeller

- ✓ Web based
- ✓ Drag'n'Drop
- ✓ For Analysts



Process Designer

- ✓ Eclipse Plugin
- ✓ Drag'n'Drop
- ✓ For Developers

Auditing & Reporting

OpenIDM collect audit and logging data everywhere
Fully configurable what/when/where to collect
Expose or pushes data
Ideal to integrate with 3rd party reporting tools.

Easily integrates with e.g:

Jasper

Pentaho

Crystal Reports



Outbound Services

- ✓ Outbound Integration
 - Email Notifications
 - REST calls
- ✓ Information can be routed to any type of store (CSV, RDBMS, web services etc)
- ✓ Reporting Engines and Business Intelligence solutions can provide reports – OpenIDM provides the data.
- ✓ Fully configurable format on what to publish and when



Task Scanner

- ✓ Scans for deferred tasks or objects with sunset/sunrise dates associated.
- ✓ Highly scalable
- ✓ Clusterable for High-Availability and scale

Typical Use-Cases

- ✓ HR (or authoritative source) driven provisioning
- ✓ Orphan accounts report (using external reporting engine) and cleansing
- ✓ Password Synchronization
- ✓ Synchronize identity data between resources.
- ✓ Basic CRUD via RESTful API for custom UIs.
- ✓ Self-service provisioning and password management

“Campus Subscription”

Introducing University Campus Subscription

Subscription not tied to the number of students

SLA:

- 24/7, 2 or 4 hours response
- 8x5 NBD

Questions & Answers

Q & A



ForgeRock

I³ Open Platform
“Securing your University”



Thank You!

<http://openidm.forgerock.org>

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