Eclipse Banking Day

Leveraging Eclipse and MDA to support governance of multi-banking, multi-country and multi-regulation operations

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Tier-1 and tier-2 Financial Institutions in a Global Market

Banks of the Group
Countries
Languages
Client Segments
Channels

Bank A
Austria
German, English
Mass Affluent, HNW
Branch, Advisor, IFA, Internet

Bank B
Austria, Slovenia
German, English, Slovene
Retail
Branch

Bank C
Czech Republic
Czech, English
Retail, Mass Affluent
Branch, Internet, Advisor

Bank D
Slovakia
Slovak, English
Retail, Mass Aff., Corporate
Branch, Back Office

Bank E
Croatia
 Croatian, English
Retail
Branch

Bank F
Hungary
Hungarian (Magyar), English
Retail, SME/Corporate
Branch, Call Centre, Back Office

Bank G
Serbia
Serbian
Retail
Branch

NORTH SEA
ATLANTIC OCEAN
MEDITERRANEAN SEA

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Global Financial Institutions require to support:
- Multi-entity
- Multi-country
- Multi-language
- Multi-segment
- Local regulation
- Local market strategy
- Local products/services
Issues to address

- Central vs. local governance
- Reuse of assets
- Propagation of changes from centre to business units
- Duplication of assets
- Divergence of software specialisations
- Costs of development and maintenance
Governance through Eclipse and Multiple Models

- Decouple concerns
- Capture information into models
- Interconnect models
- Manage cross-model congruence

- Core Application Model
- Business Processes Model
- Business Rules Model
- Localisation Model
- Local Customisation Model
- User Interface (and look&feel) Model
Components adopted from Eclipse platform

Finantix Bundles

Java Virtual Machine

Equinox / OSGi

Java Development Tools - JDT

Language Toolkit - LTK

Workbench SWT, JFace

Workspace

Workbench SWT, JFace

SWT, JFace

Emf

BPMN Model

BRules Model

Main Model Repository

Compiler

Refactoring

Preferences

Actions

Wizard

Perspectives

View/Editors

I18n Model

Other UE Elements

Other Satellite Models

Finantix Bundles

Eclipse Bundles

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Leveraging Eclipse – Cross-model refactoring

**Core Application Model**

**BPMN Model**

**User Interface Model**

**Translation Model**

**Language Toolkit – LTK**
A language-neutral layer refactoring API
Leveraging Eclipse – Propagating changes

Core Application Model v 1.0
Business Processes Model
Localisation Model
Core Application Model v 2.0
Local Customisation Model
Business Rules Model
User Interface (and look&feel) Model
Conclusions – Lesson learnt

- As soon as you capture model information into Eclipse, there is no limit to the features your users will request.

- The good (or bad) news is you can implement them all.
Thank you
About Finantix

Founded in 1994 with a history in wealth management, Finantix is an established provider of component-based front office retail solutions to more than 50 financial institutions in 18 countries worldwide. With over 100 developers, Finantix invests more than 30 per cent of revenues in R&D. Its proven pedigree combined with an application architecture approach ensures it stays at the very forefront of multi-channel banking. In choosing Finantix, financial institutions can attract new and profitable customers, provide a more effective service that boosts cross and up selling opportunities and establish a strong multi-channel connection to all its customers.

The company has more than ten offices across Europe and Asia and has long-standing relationships with several blue chips clients.

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