EMF Comparison Framework

A quick glance

Cédric Brun
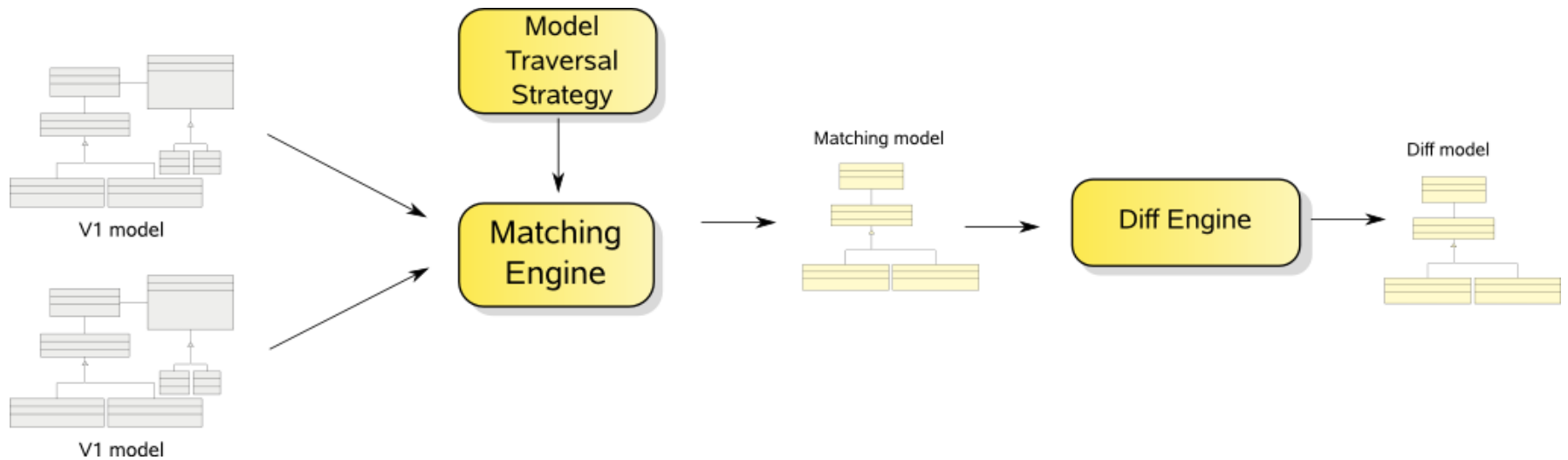
Obeo
France

eclipse modeling PROJECT

Overview

- Bringing model comparaison in the Eclipse Platform
- Metamodel agnostic
- Providing an extensible framework
  - custom model traversal
  - matching strategy
- Emphasize the non-ui components, providing a comparison service for tools.
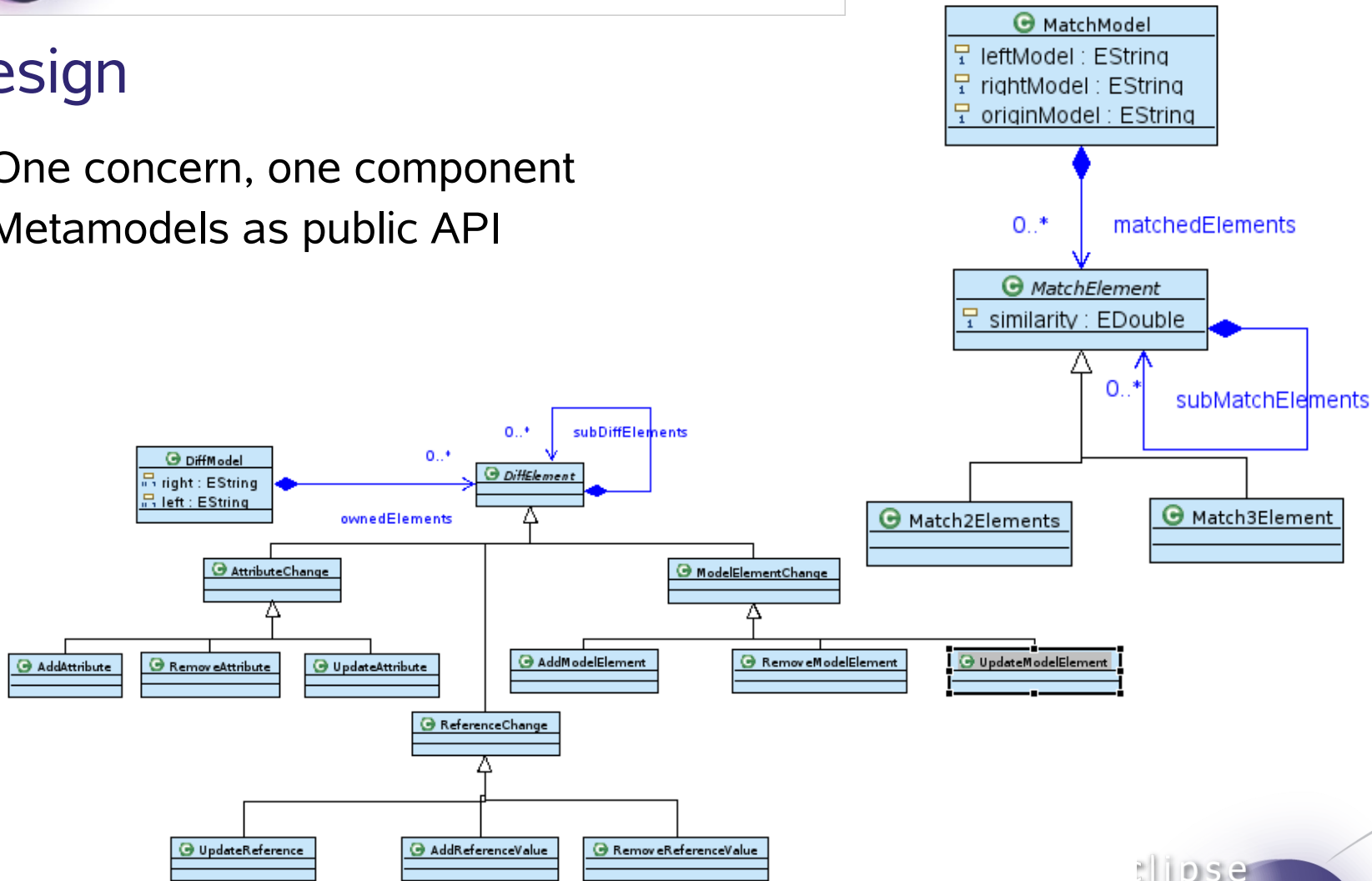- Reference implementation

Principles

Design

- One concern, one component
- Metamodels as public API

Current status

- Technical side :
  - Intalio and Obeo contribution merged
  - Testing and non-regression environnement setup
  - First engines and general behavior completed for 2Way comparison
  - UI usable, merge support

- Eclipse side:
  - Contribution accepted, source code should arrive on the CVS soon

eclipse
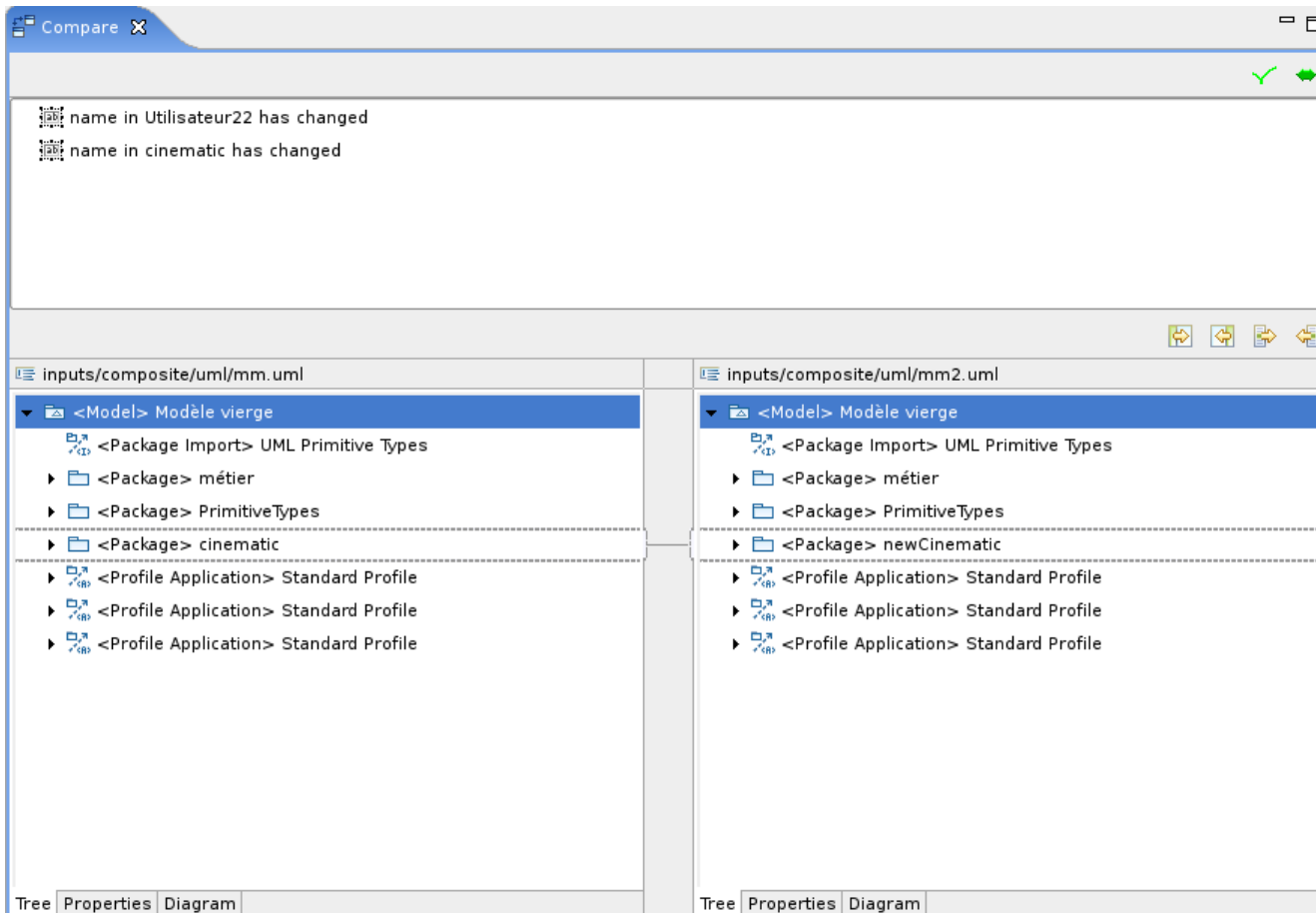modeling
PROJECT

Roadmap

- Tasks
    - 3Way comparison
    - Stabilization, more testcases, more results
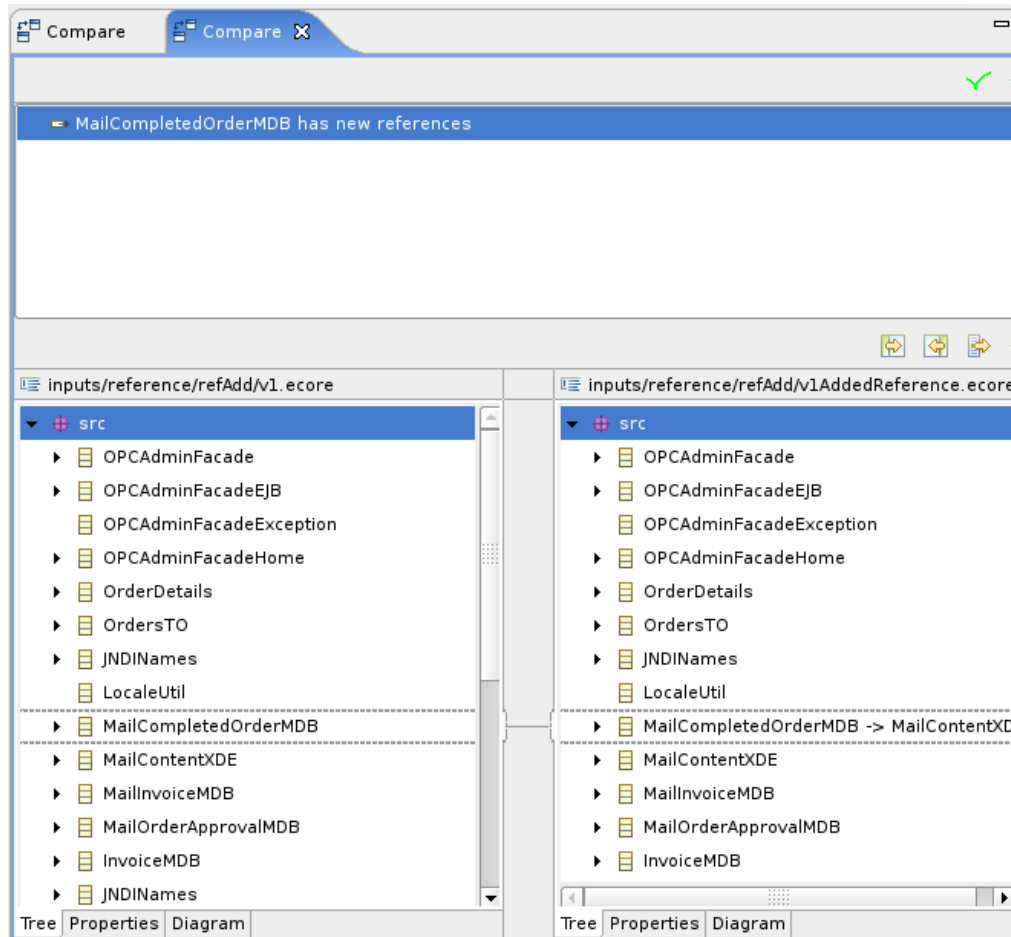   - Check extensibility providing engines

- Roadmap
    - Rock stable engines and services, both 2Way and 3Way : *Europa release*
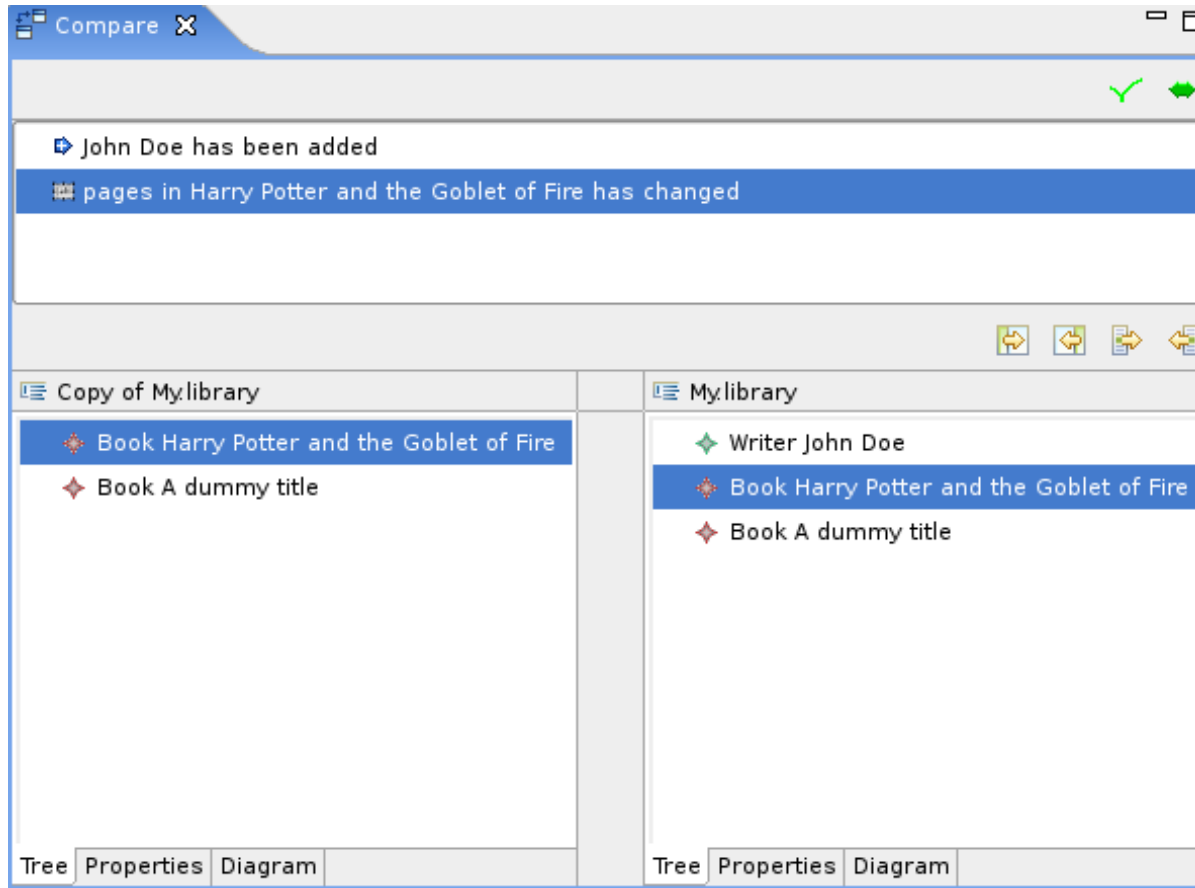   - Eclipse integration, documentation and tutorials : *Q3*

eclipse
modeling
P R O J E C T

A quick look ?

uml models

A quick look ? (next)

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Comparison using EMF XSD support

Library models