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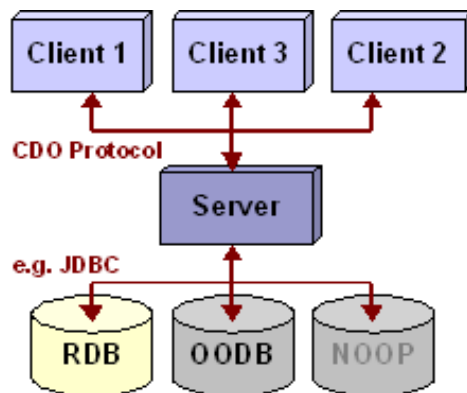http://thegordian.blogspot.com

Berlin, Germany

CDO Model Repository

2.0 Release Review
(Mini Deck)

Planned Review Date: June 10th, 2009
Project Newsgroup: eclipse.tools.emf

Introduction

The CDO (Connected Data Objects) Model Repository is a distributed shared model framework for EMF models and meta models. CDO is also a model runtime environment with a focus on orthogonal aspects like model scalability, transactionality, persistence, distribution, queries and more.

CDO has a 3-tier architecture supporting EMF-based client applications, featuring a central model repository server and leveraging different types of pluggable data storage back-ends like relational databases, object databases and file systems. The default client/server communication protocol is implemented with the Net4j Signalling Platform.

Project URL: http://www.eclipse.org/cdo
old: http://wiki.eclipse.org/CDO

Release Highlights

§ **Quality of APIs**
  - § 2.0 API is partly incompatible with 1.0
  - § API Toling has been used consequently

§ **End of Life**
  - § None

§ **IP**
  - § IP Log URL: http://www.eclipse.org/modeling/emf/cdo/project-info/eclipse-project-ip-log.csv
  - § No issues

§ **Committer Diversity**
  - § 7 committers from 7 different companies
  - § Several additions to the team are pending

Project Activity Since 1.0

§ **Bugzilla**

§ 127 of 254 enhancements done (106 left open)

§ 121 of 173 bugs fixed (16 left open)

§ **CVS**

§ 44187 changed lines of code committed (incl. Net4j)

§ **Communication**

§ More than 2000 newsgroup posts

§ Talks at EclipseCon, ESE, JAX, several demo camps

§ Webinar and several magazine articles