



Creation Review: EMFT

Eclipse Modelling Framework Technology

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Project Goal

To create and nurture new technologies prior to inclusion in the EMF Tools Project. Specifically, the project will create new components that provide general purpose EMF-based models and general EMF-based utilities. Project scope includes exploring fundamental changes to EMF if required.

Proposed Incubation Areas

- CDO - a relational persistence framework for EMF
- EODM (model for RDF/OWL)
- Utilities for indexing, searching, querying, and validating EMF models
- Support for declarative constraints (Object Constraint Language).
- Emfatic – human readable serialization of Ecore

Community Response

- based on newsgroup traffic, there is much interest in enhancing EMF's capabilities more quickly
- database-based persistence has generated the most interest and traffic
 - CDO will address this interest
- the GMF folks have expressed interest in “offloading” general-purpose utilities, i.e., ones not specific to graphical models to EMFT

Project Participants

- Eike Stepper (CDO)
- Guo Tong Xie (IBM, EODM)
- Chris Daly (IBM, Emfatic)
- Ed Merks, IBM

Status

- CDO ready to go when contribution review completed...
- EODM is approved for donation by IBM and is ready to be reviewed for contribution by Eclipse
- Emfatic is being reviewed for donation by IBM