
Developments towards TM4J 2.0

XTM 2.0 support

- TM4J now supports XTM 2.0 reading
- Implemented as simple hack on XTM 1.1 reading
- not implemented (until someone cares)
 - handling of variants
 - datatypes of occurrences

TMDM implementation

- TM4J 2.0 will contain a TMDM implementation
- supports instantaneous merging
- introduces a new API
 - based on TMDM wording (vs. XTM 1.1 wording)
 - Java 1.5 generics
 - simplified event listener model

6 layers of classes and interfaces

- ReadableTopic: interface
- Topic: interface
- BasicTopic: contains just the data
- MergedTopic: union of all BasicTopics
- TopicImpl: TM4J 0.9 compatibility wrapper
 - implicitly wraps TMDM semantics to XTM 1.1 semantics

2 backends

- main memory
 - size limited
 - non-persistent
- JDO via JPOX over DB4O over disk
 - not size-limited
 - persistent
 - JPOX-DB4O integration was buggy
 - JPOX maintainer is not very cooperative in accepting bug fixes

What to do?

- instantaneous unmerging
 - computationally expensive
 - Should we support it? What to do if not?
- commit to CVS
 - 9000 lines of code uncommitted
 - some small libraries have to be opensourced first
- implement some methods