

Alternatives on persistent Data Storage

Persistent Data Storage

The UML Model shall be stored persistently.

SQLite is chosen

Rationale:
This alternative is most future-proof
in case the database becomes large.

XML

The database is stored in XML format.
pro: text based, fits to svn and git repositories
con: all data needs to fit to RAM
(or complex data handling)

Json

The database is stored in Json format.
pro: text based, fits to svn and git repositories
con: all data needs to fit to RAM
(or complex data handling)

SQLite DB

The database is stored in sqlite3 format.
pro: the database cares on handling big amounts of data
con: binary files are not suitable for git repositories

Key-Value Pairs

The database is stored as key-value pairs.
pro: allows automatic merges by git and svn
con: all data needs to fit to RAM (or complex data handling)

solves

solves

solves

solves