

## 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

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