

The CellStore/XML Project

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Project goals

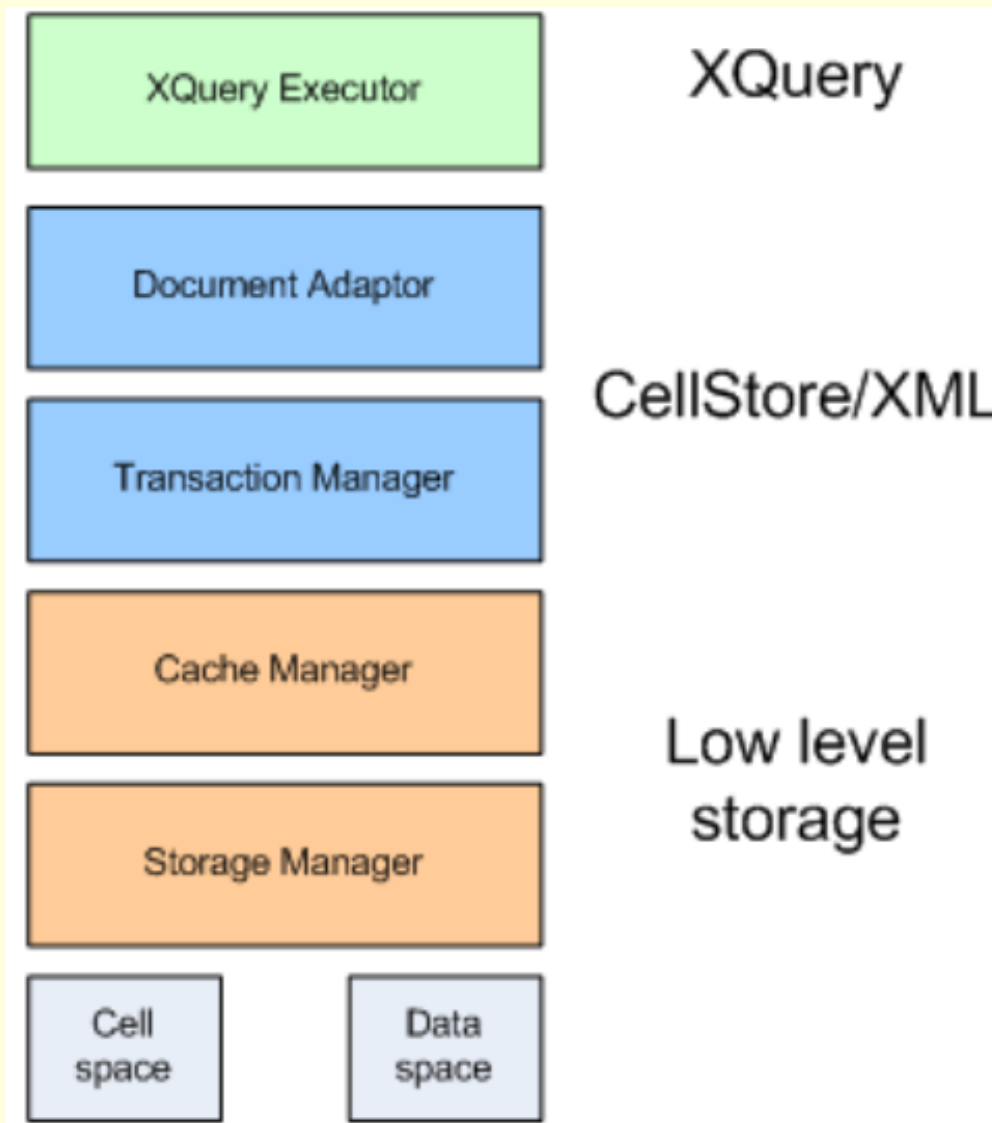
CellStore/XML is XML-native database management system written in Smalltalk/X.

- **provides well-designed platform for further research**
- **provides simple, easy to understand implementation of database management engine for educational purposes**
- **open-source**

Differences to GemStone

- **Closed - you cannot easily plug-in new transaction manager, new cache manager, etc.**
- **General purpose database (graph-like structures) rather than XML database.**

Architecture overview



Current status

- **XML:DB compliant API**
- **Capable to store and manipulate whole INEX database (>500MB of XML documents)**
- **XQuery engine (can be used as standalone library)**
- **XQuery-based views**
- **Expressive GUI tools**

Any questions?

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