



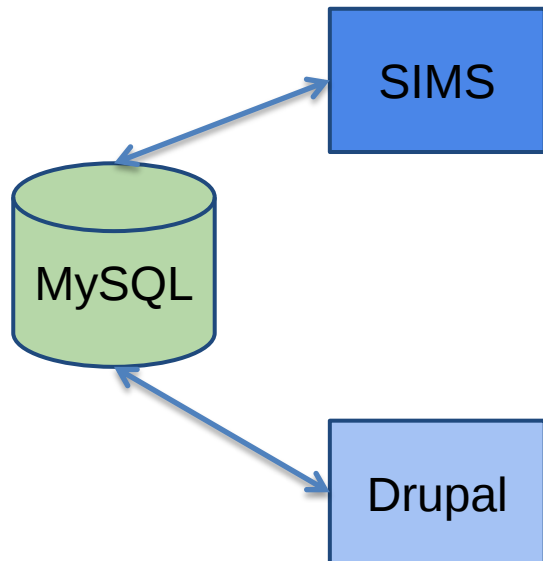
# Using DDI within a Data Archive

**SND Case Study**  
**EDDI 2013**



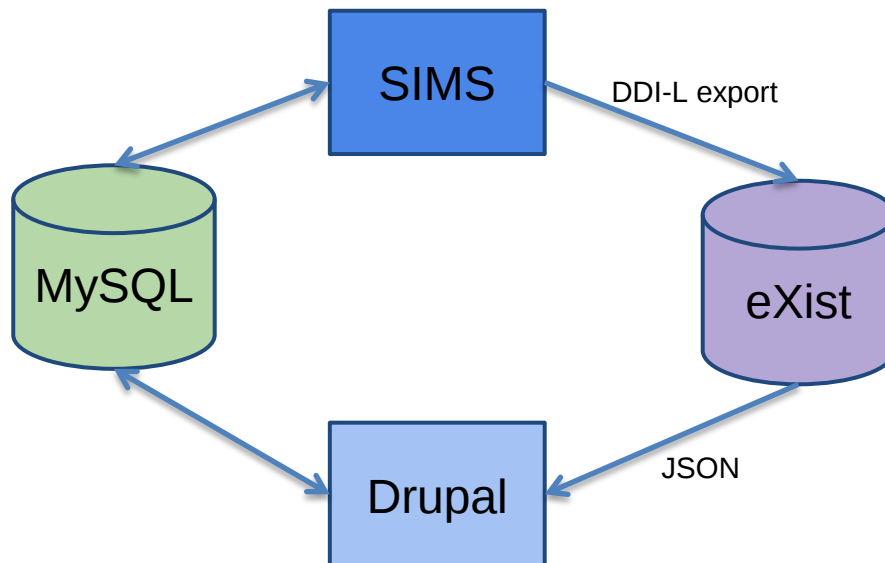


## The basics



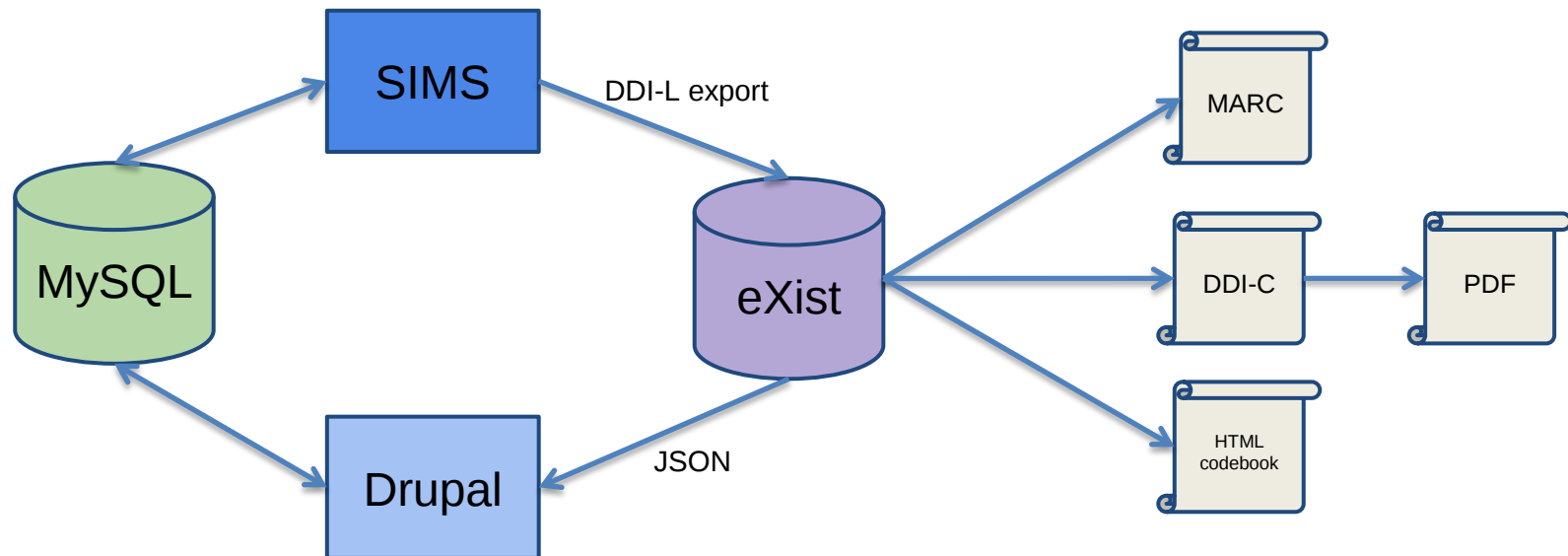


## eXist database



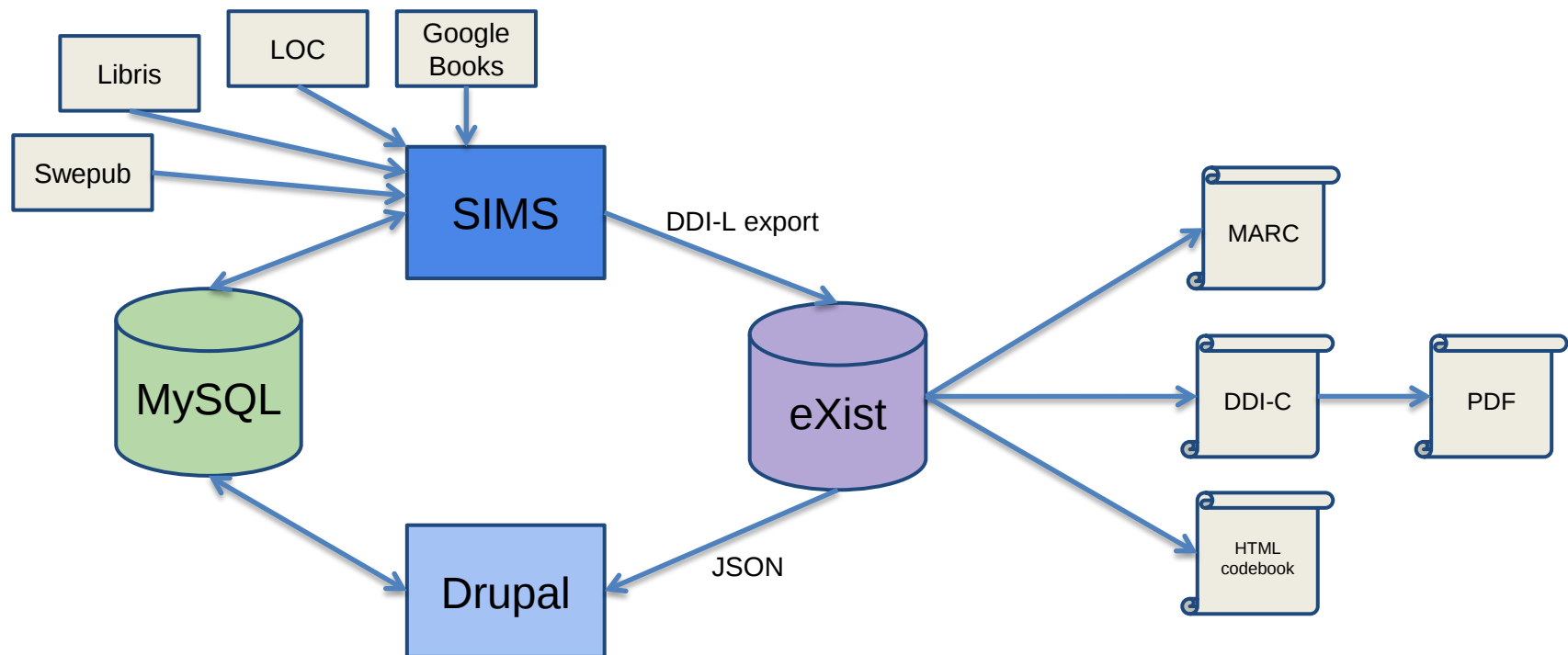


## XSLT Transformations



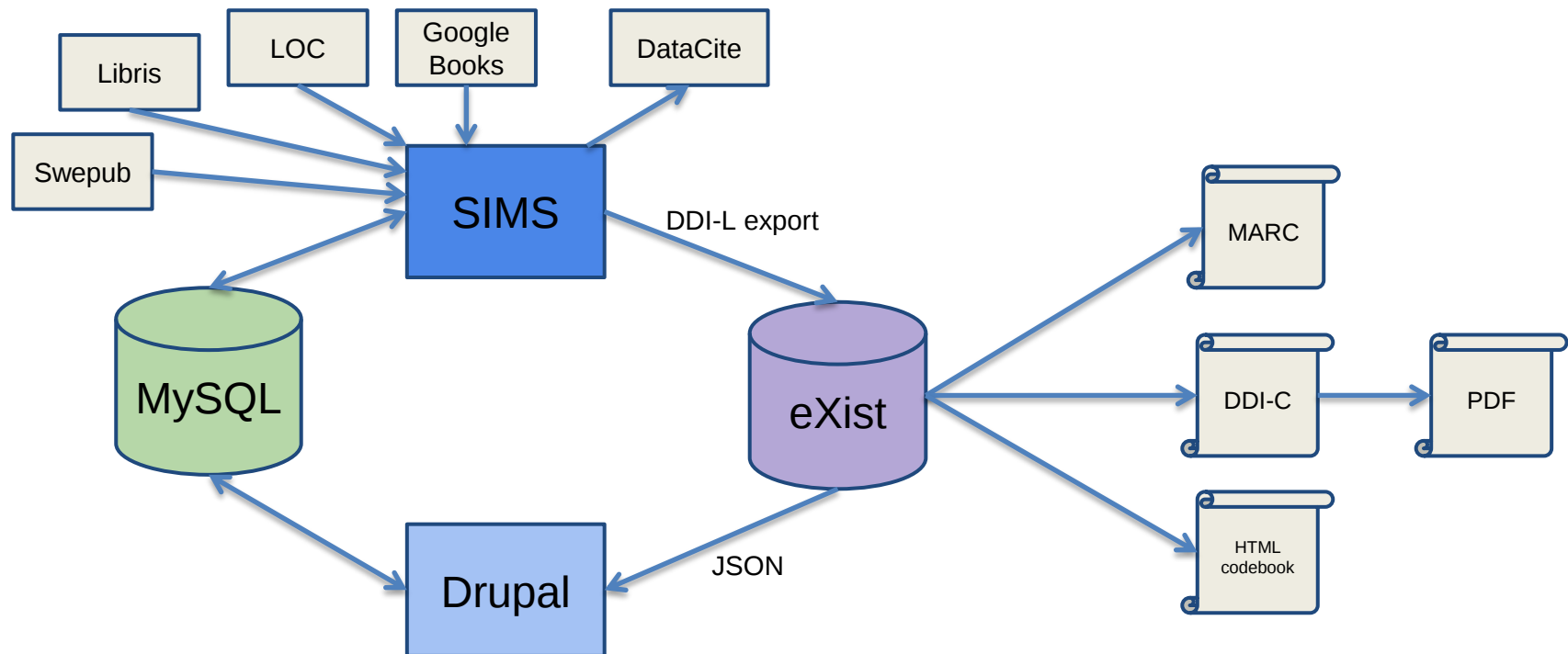


## External resources



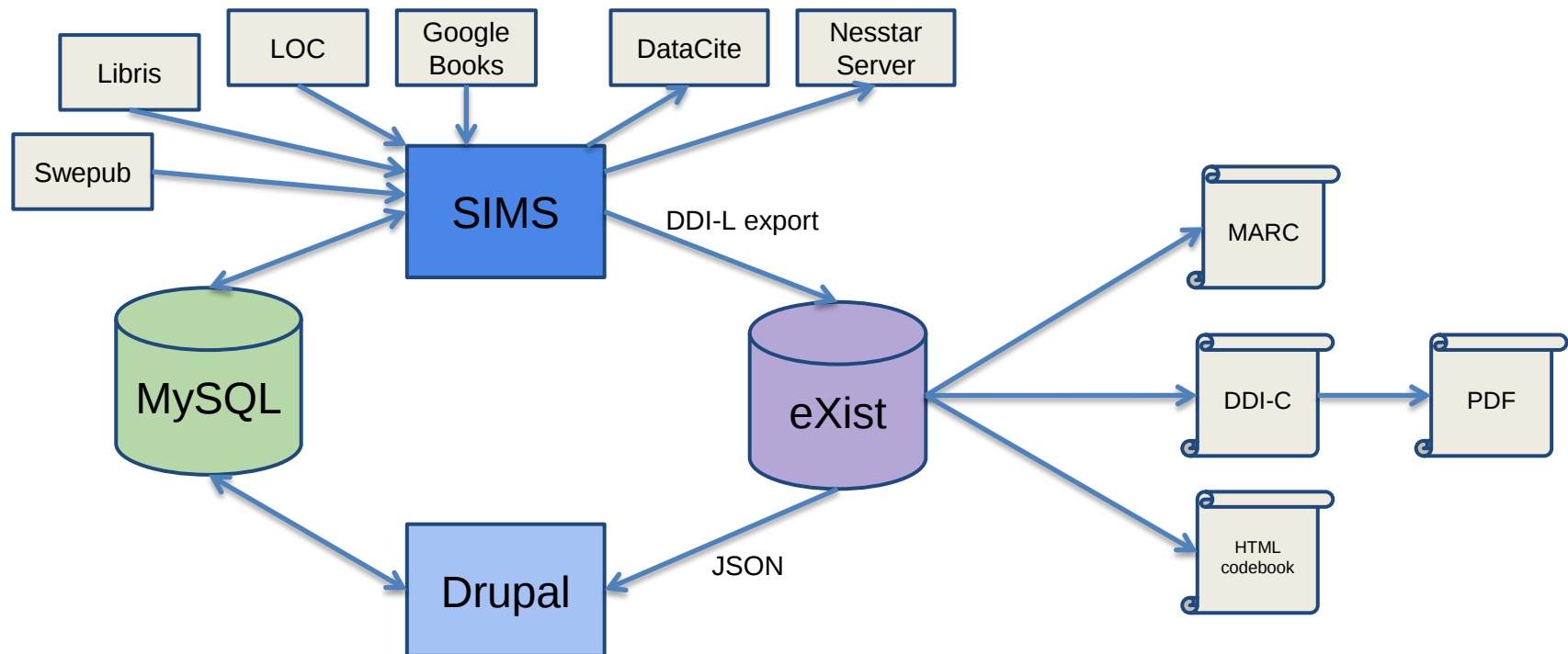


## DataCite



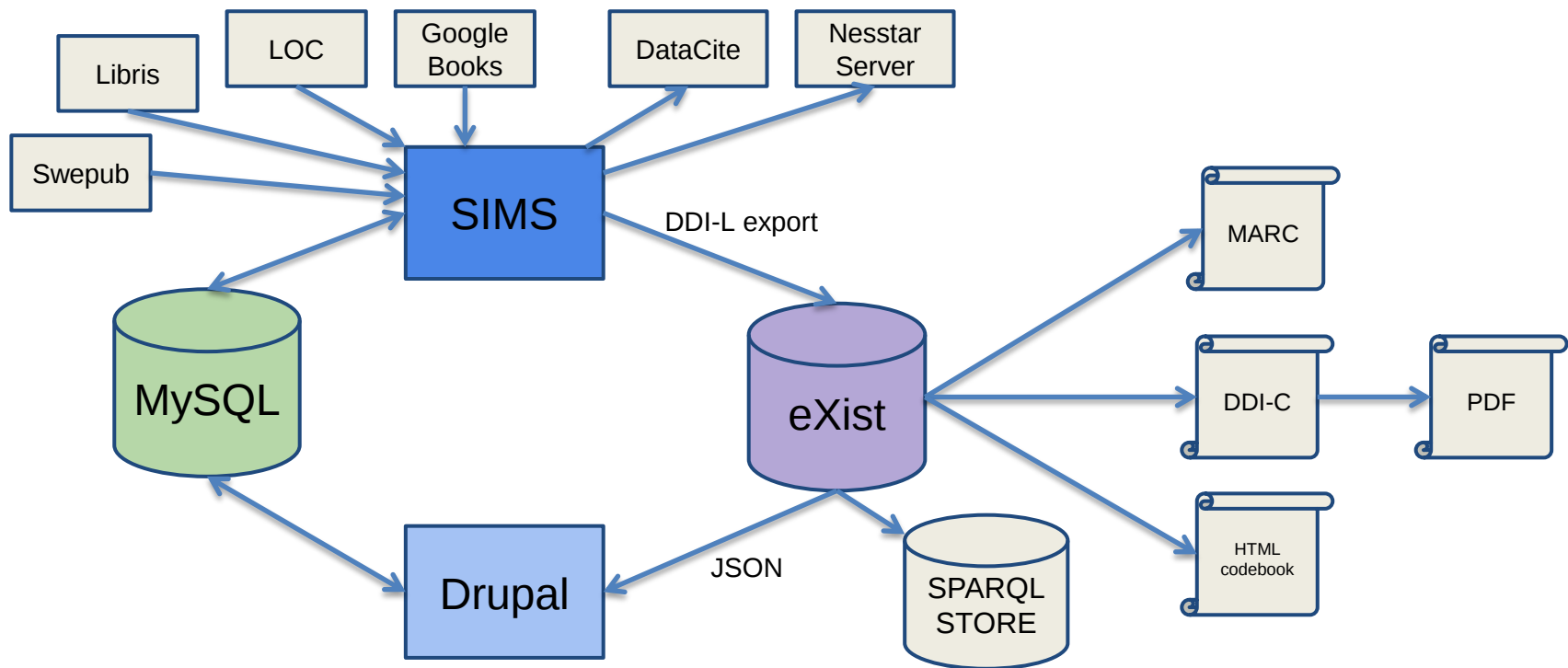


## Future: push metadata to Nesstar



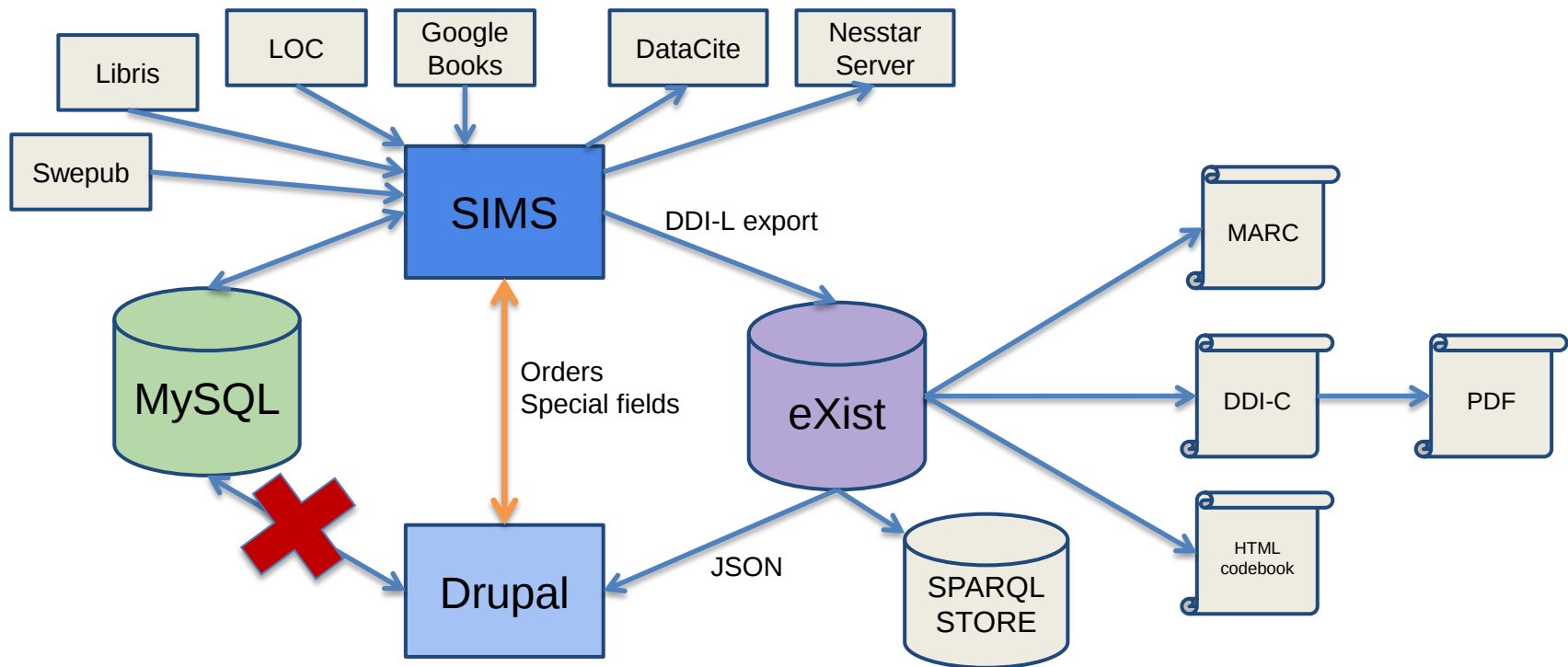


## In development: RDF-store & SPARQL endpoint





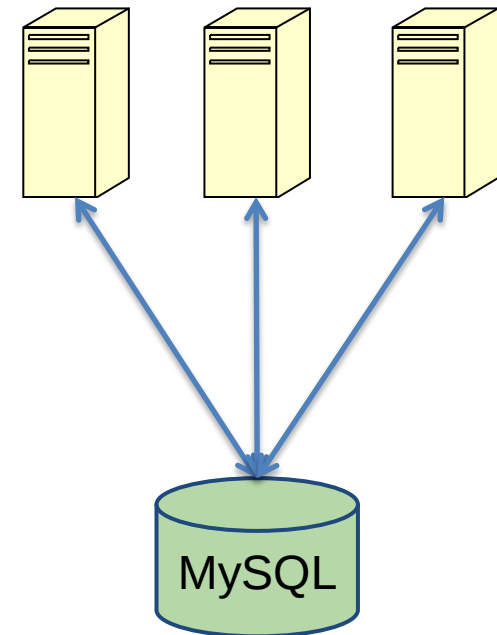
## Remove drupals dependency on SIMS MySQL database





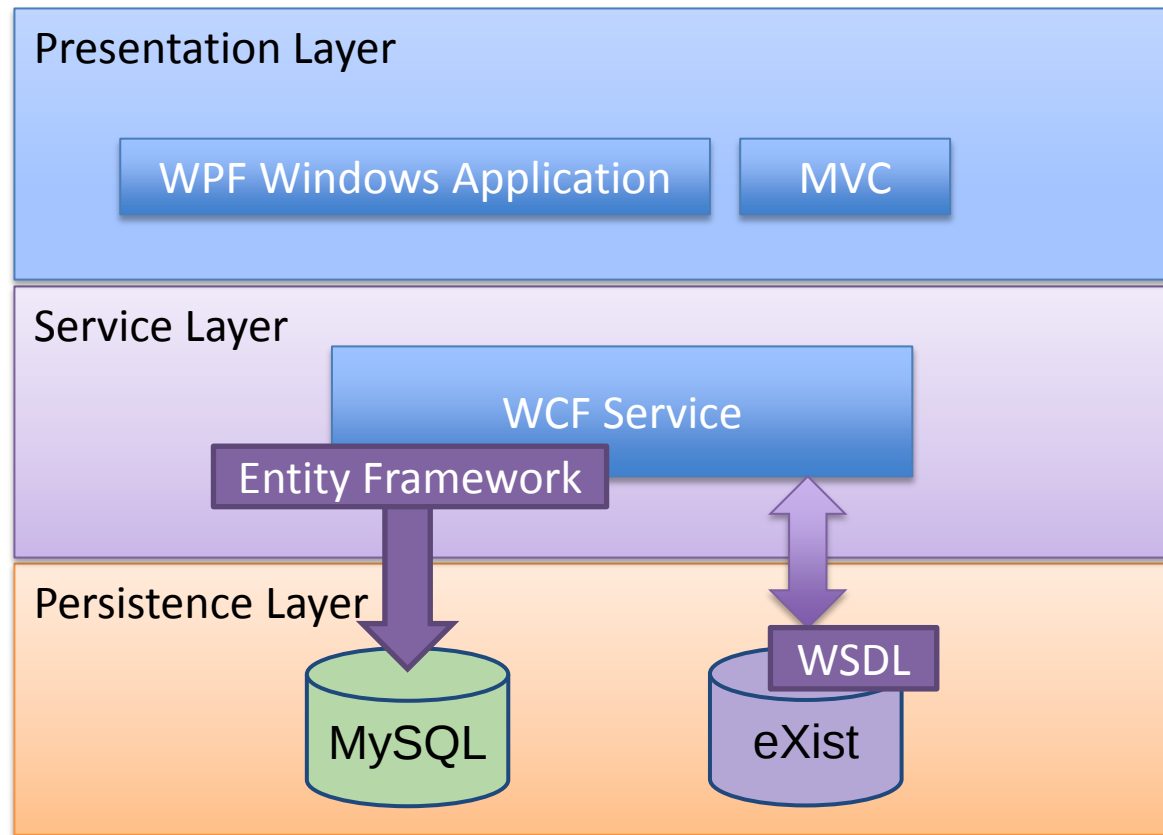
## SIMS – SND's Internal Management System

- In-house development
- C#.NET
- MySQL
- Exports DDI-C, DDI-L, MARC-XML and more
- Imports DDI-C, SPSS and more
- Clients communicate directly with database





## SIMS – Future development





## Future DDI-related development

- DDI 3.2 export and update of the XSLT:s
- OAI-PMH provider and harvester
- Public API:s
  - For listing studies/questions/variables etc on external webpages
  - Usage statistics for studies





## Non DDI development

- Federated login
- Fedora for the file archive
  - iRODS via SNIC





## Open Source

- XSLT Stylesheets: <https://code.google.com/p/ddixslt/>  
Stylesheets for transformation from DDI to other formats
- DDI Exist: <https://code.google.com/p/ddi-exist/>  
Various code related to our work with eXist-db
- DDI-RDF: <https://github.com/linked-statistics/DDI-RDF-tools>  
Tools and examples to support the RDF expression of the DDI
- DDI Class Library: <https://github.com/snd-sweden/DDI-API>  
.NET class library for DDI3.1

