

Biblngest

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CERN



CERN Document Server team Invenio User Group Workshop - CERN - 7-9 May 2012

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- OAIS compatibility for BlogForever
 - Guidelines, not strict
 - Submission / Archival / Dissemination
 Information package (SIP-AIP-DIP)





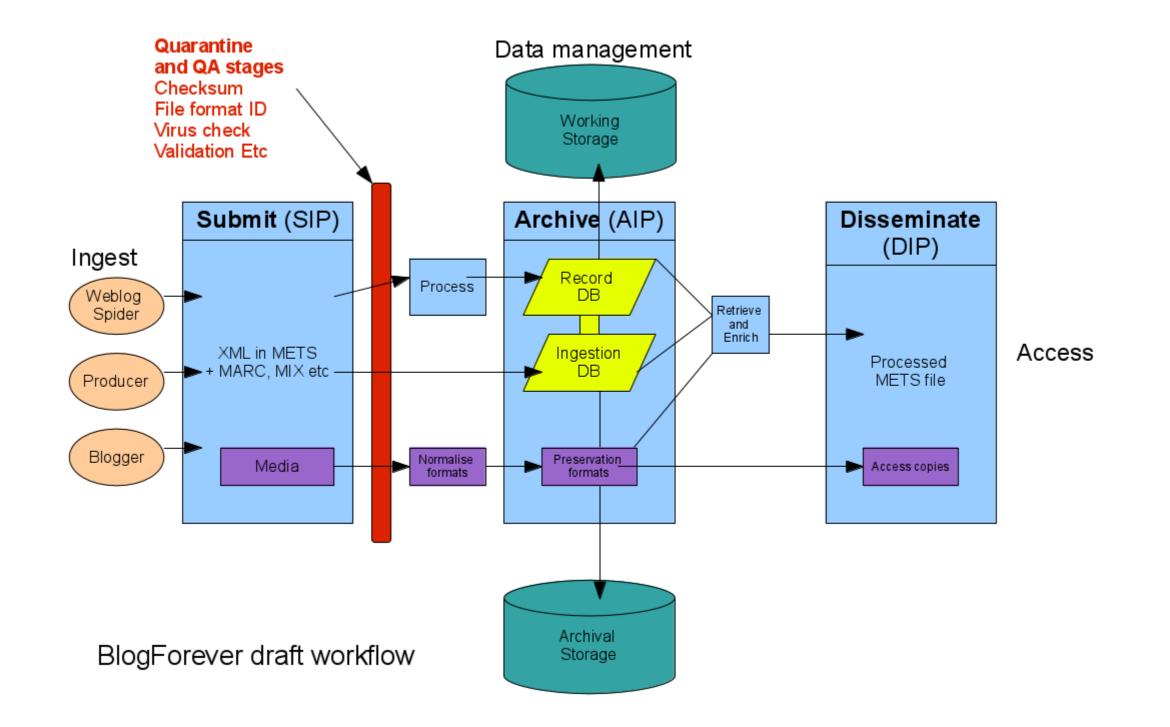
INVE

- OAIS compatibility for BlogForever
 - Guidelines, not strict
 - Submission / Archival / Dissemination
 Information package (SIP-AIP-DIP)
- Ingestion Storage
 - Extraction of information
 - Resubmission
 - Dissemination



INVENIO

BlogForever + OAIS





INVE

- Basic functions of persistent storage: create, read, update and delete (CRUD)
- Different storage engines
- Different ingestion packages
- Variety of common operators





Architecture

Content producers WebSubmit, files

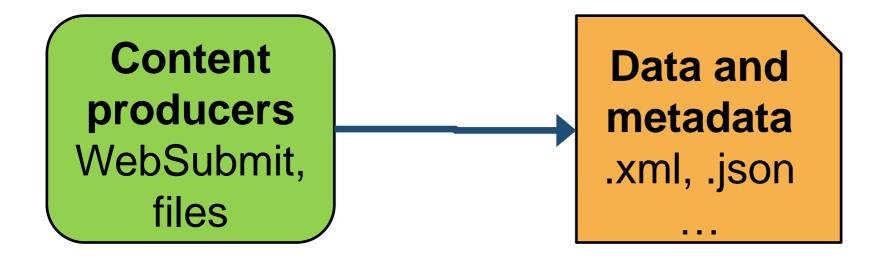


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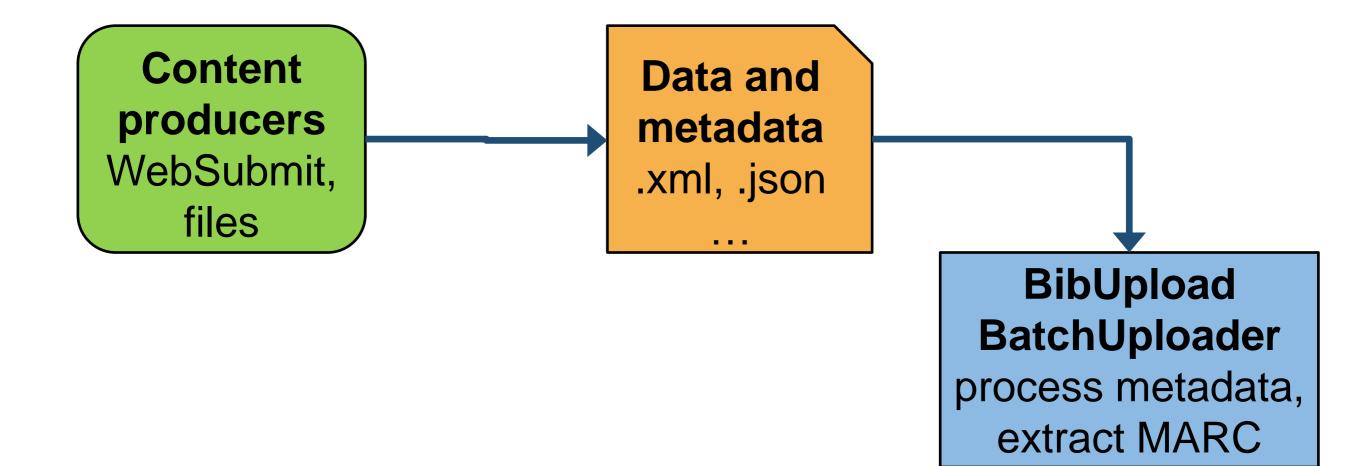




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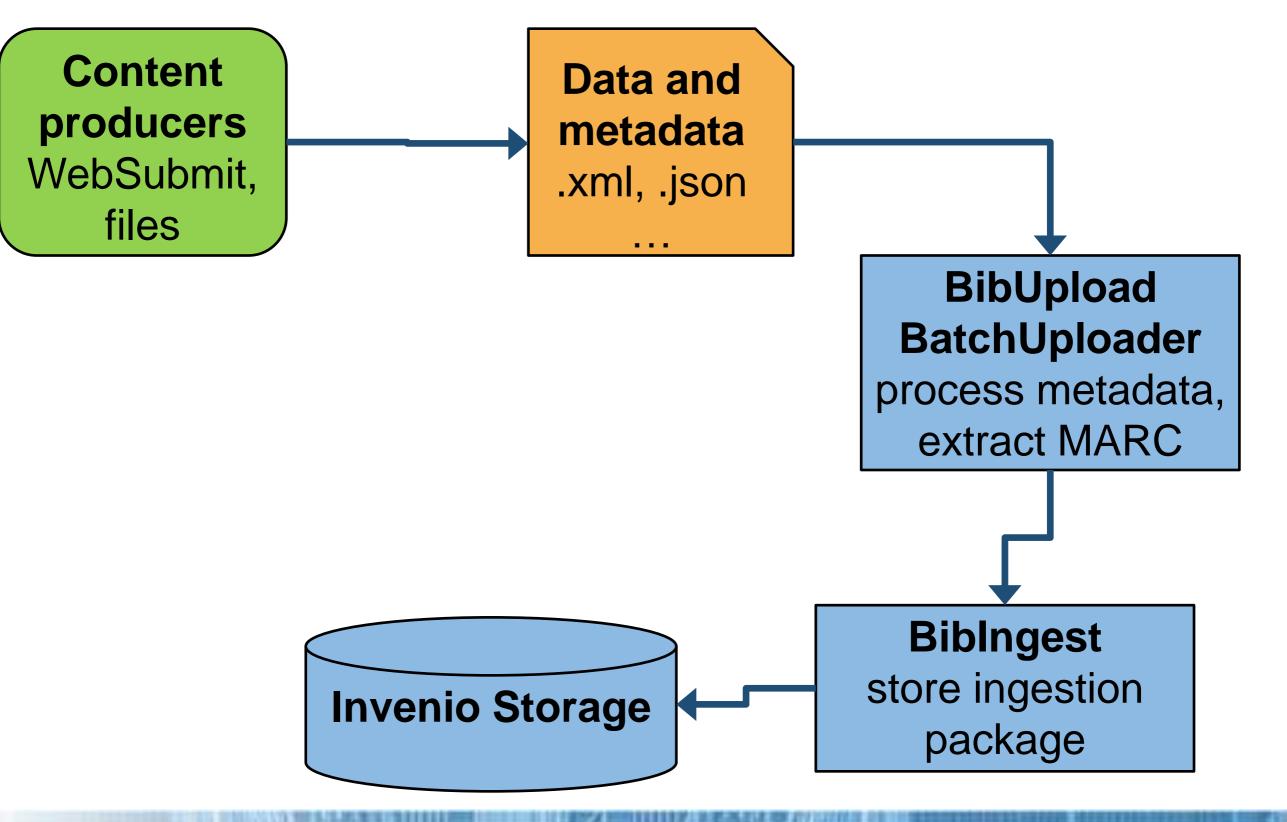




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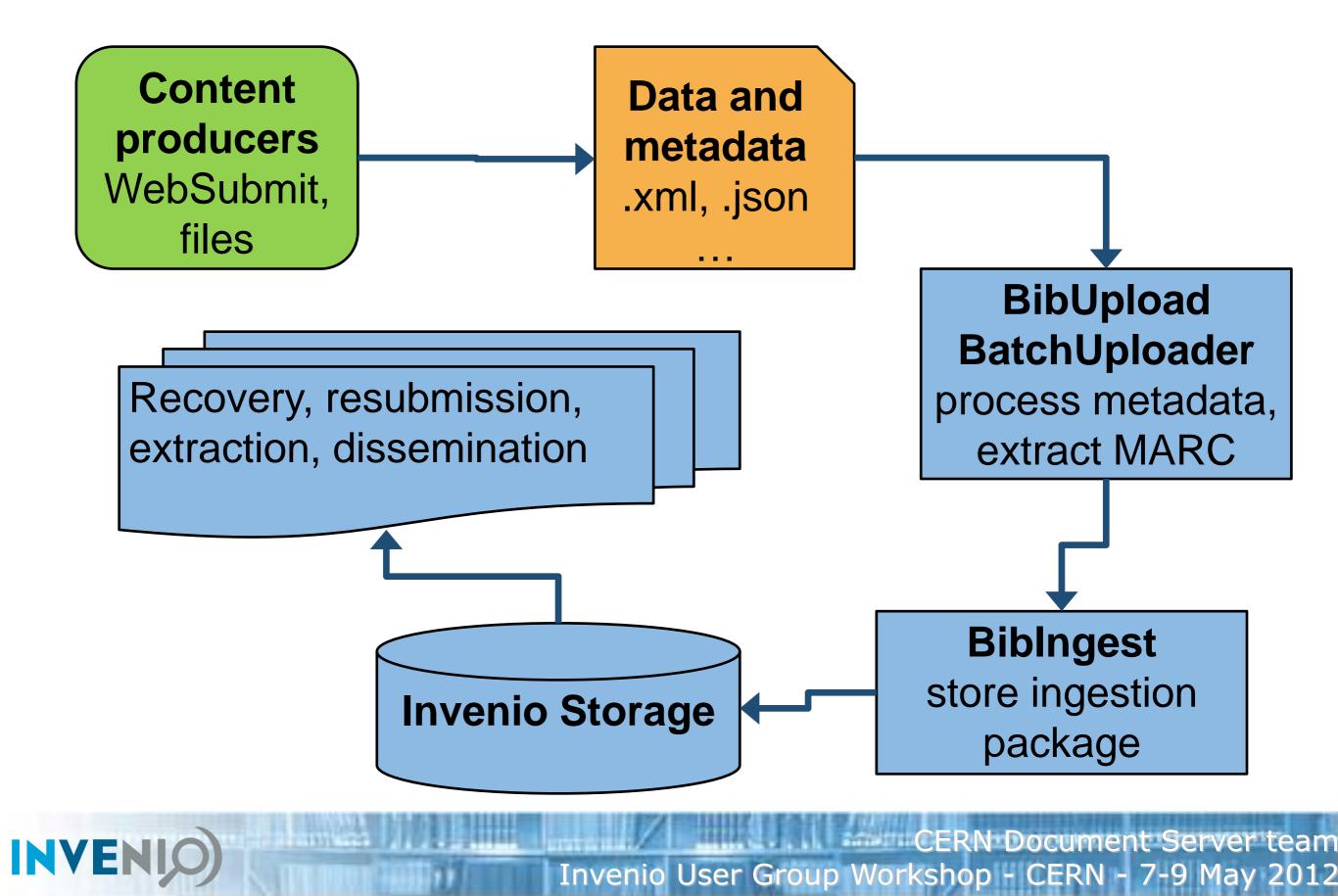


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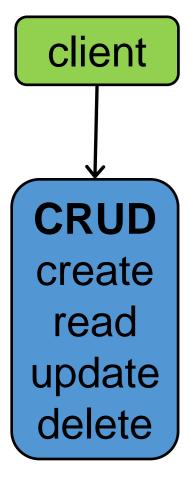


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Architecture



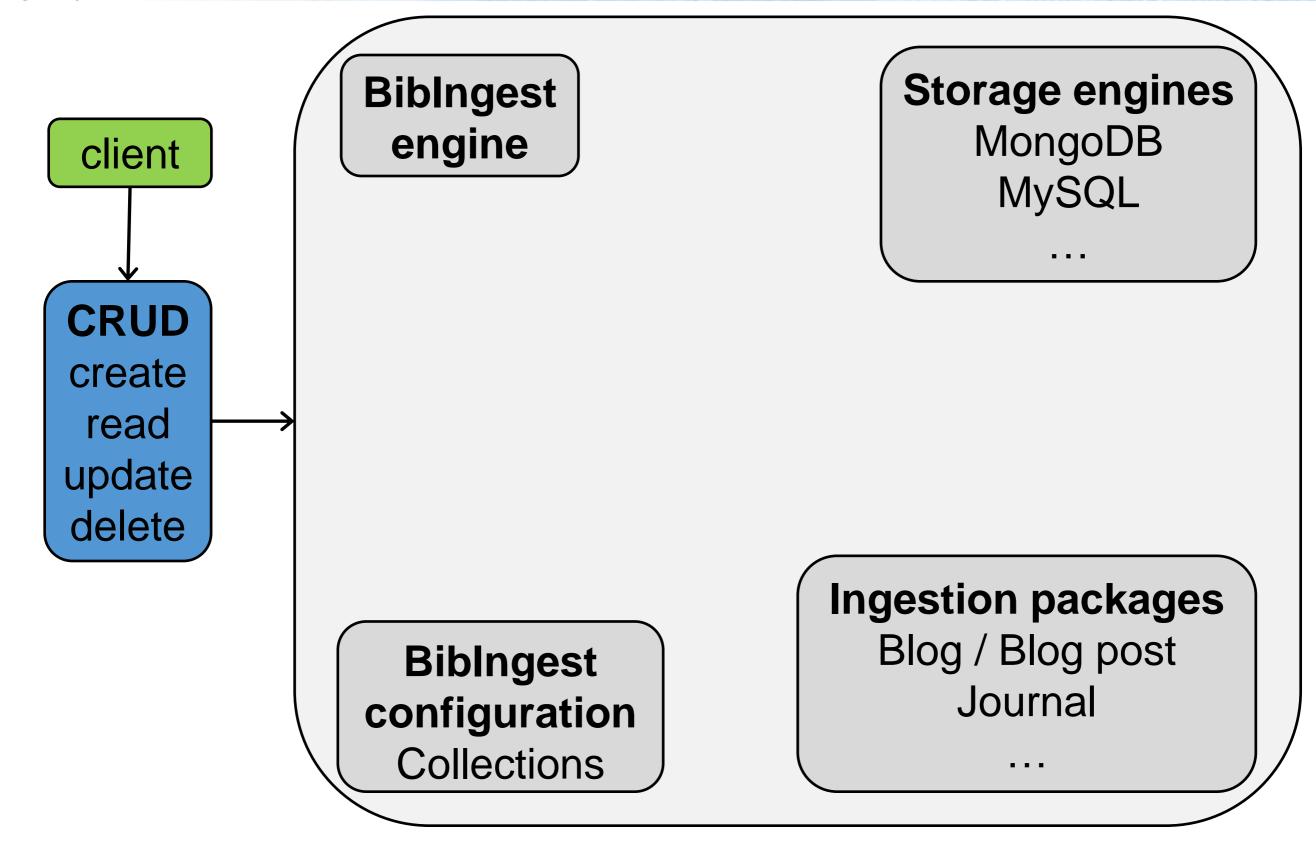
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TRANSPORTATION STRATTONICS IN THE



Architecture

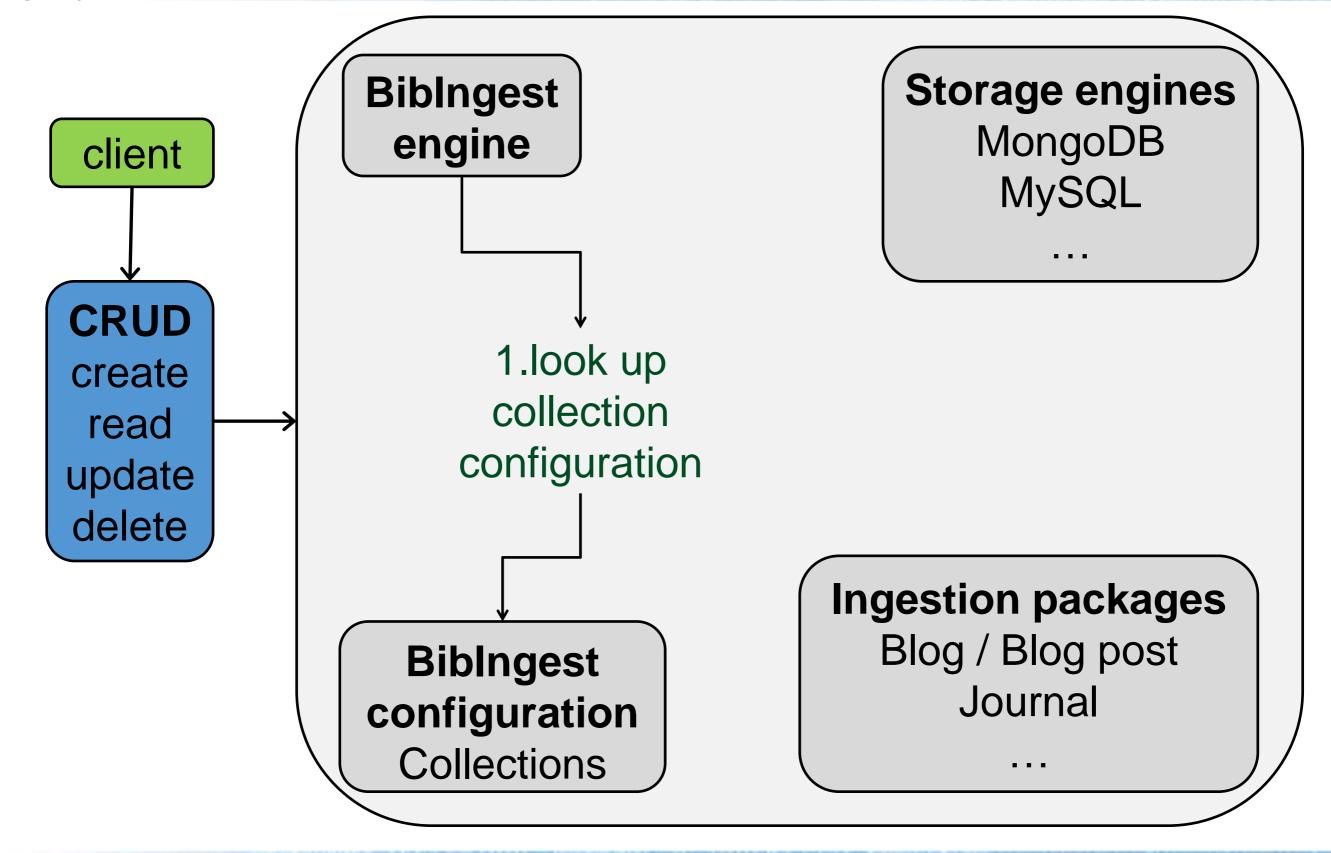


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Architecture

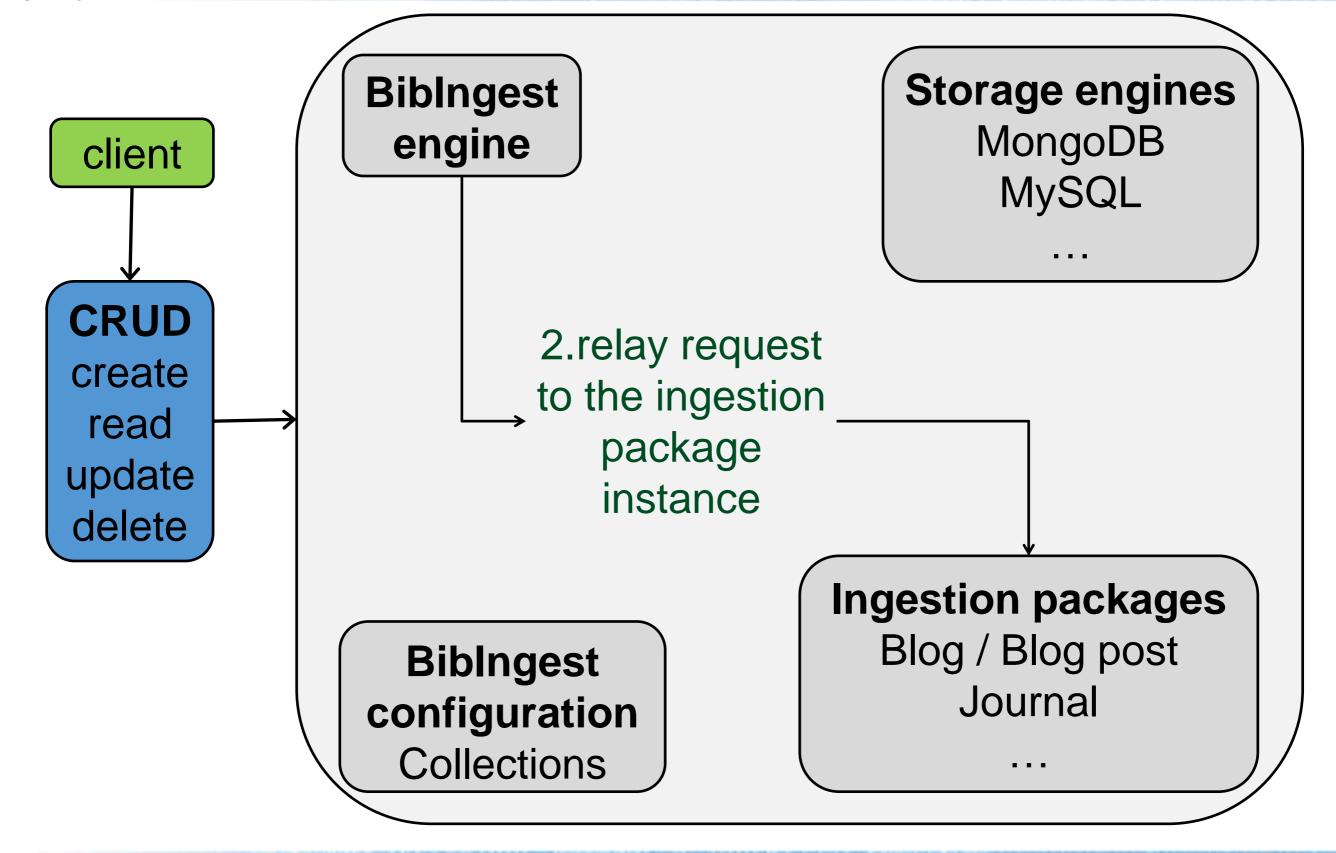


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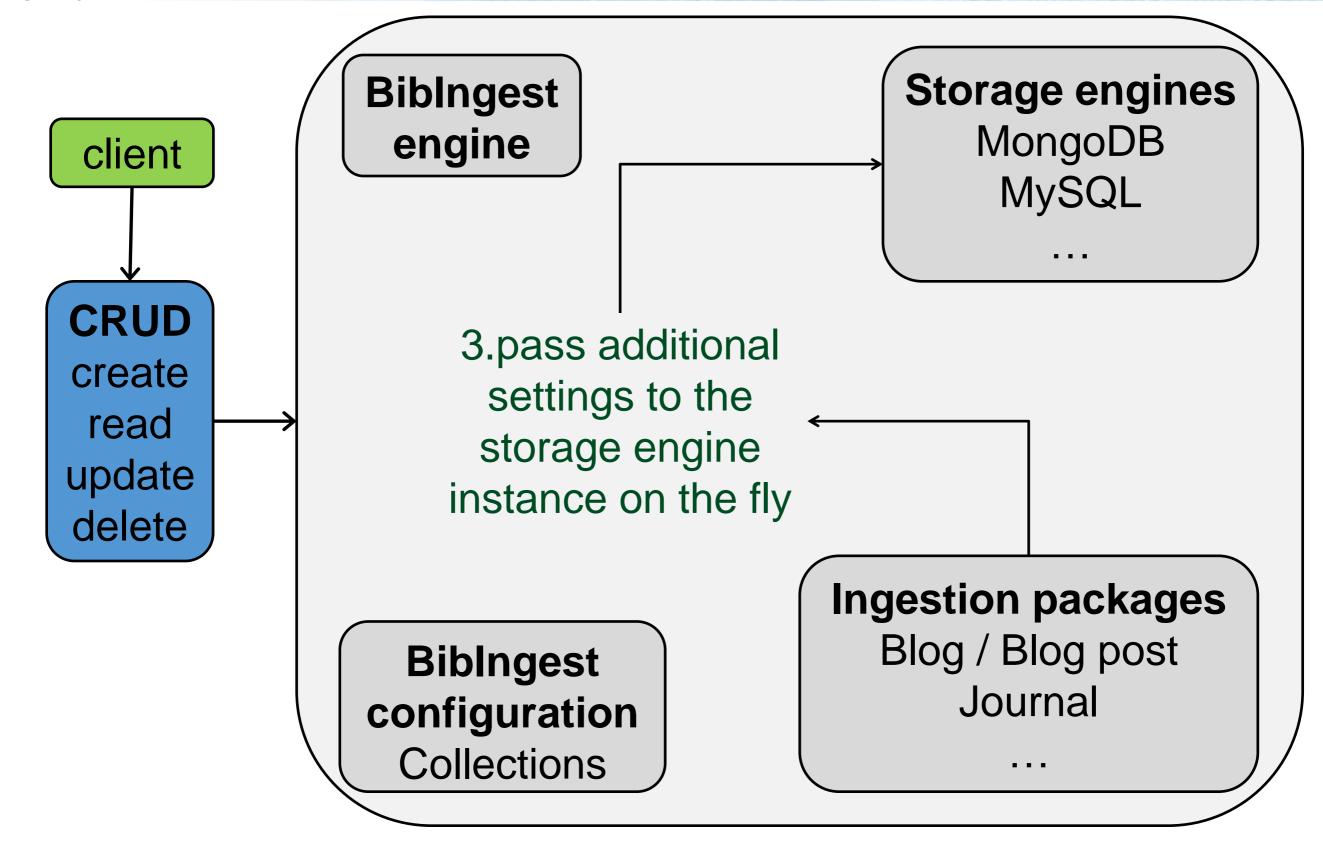


Architecture



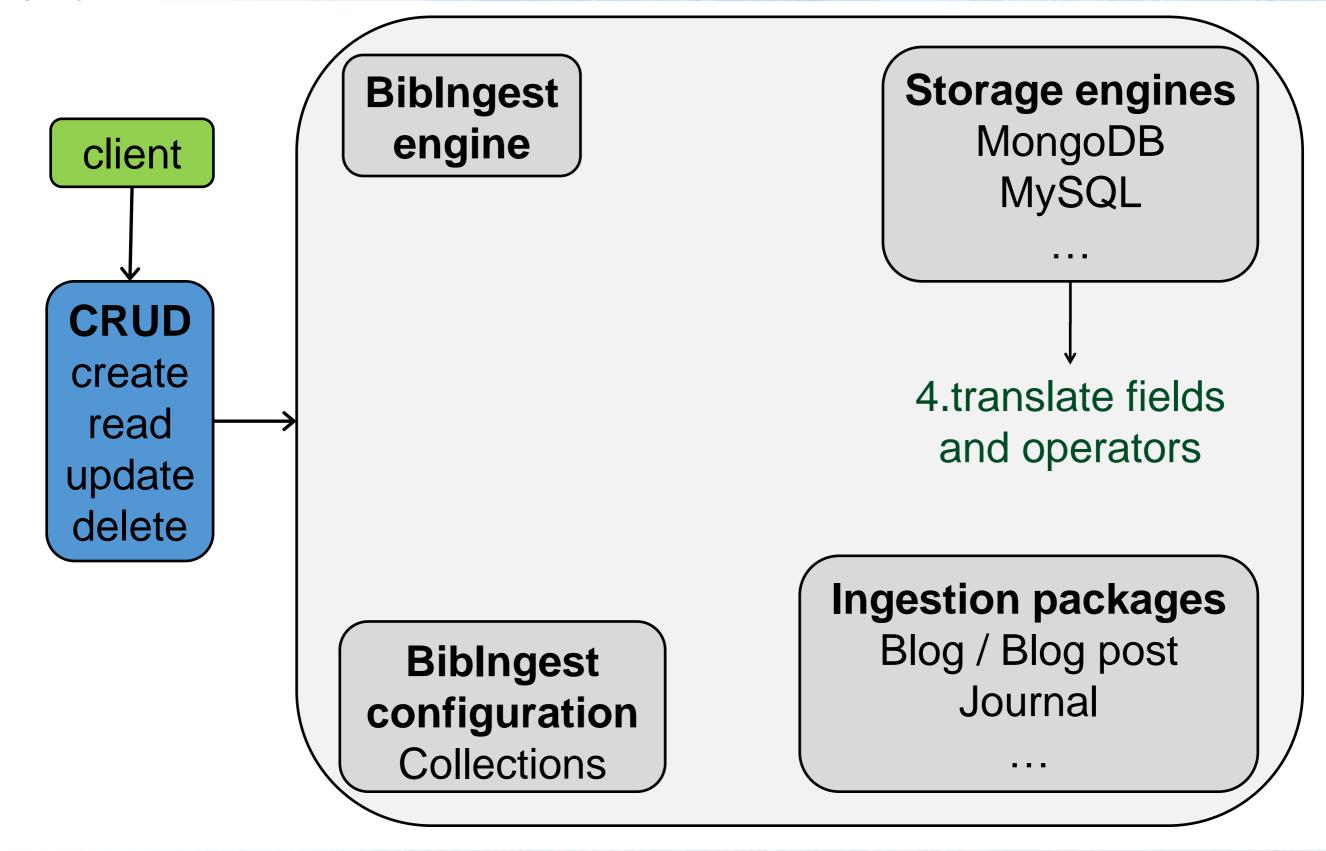


Architecture



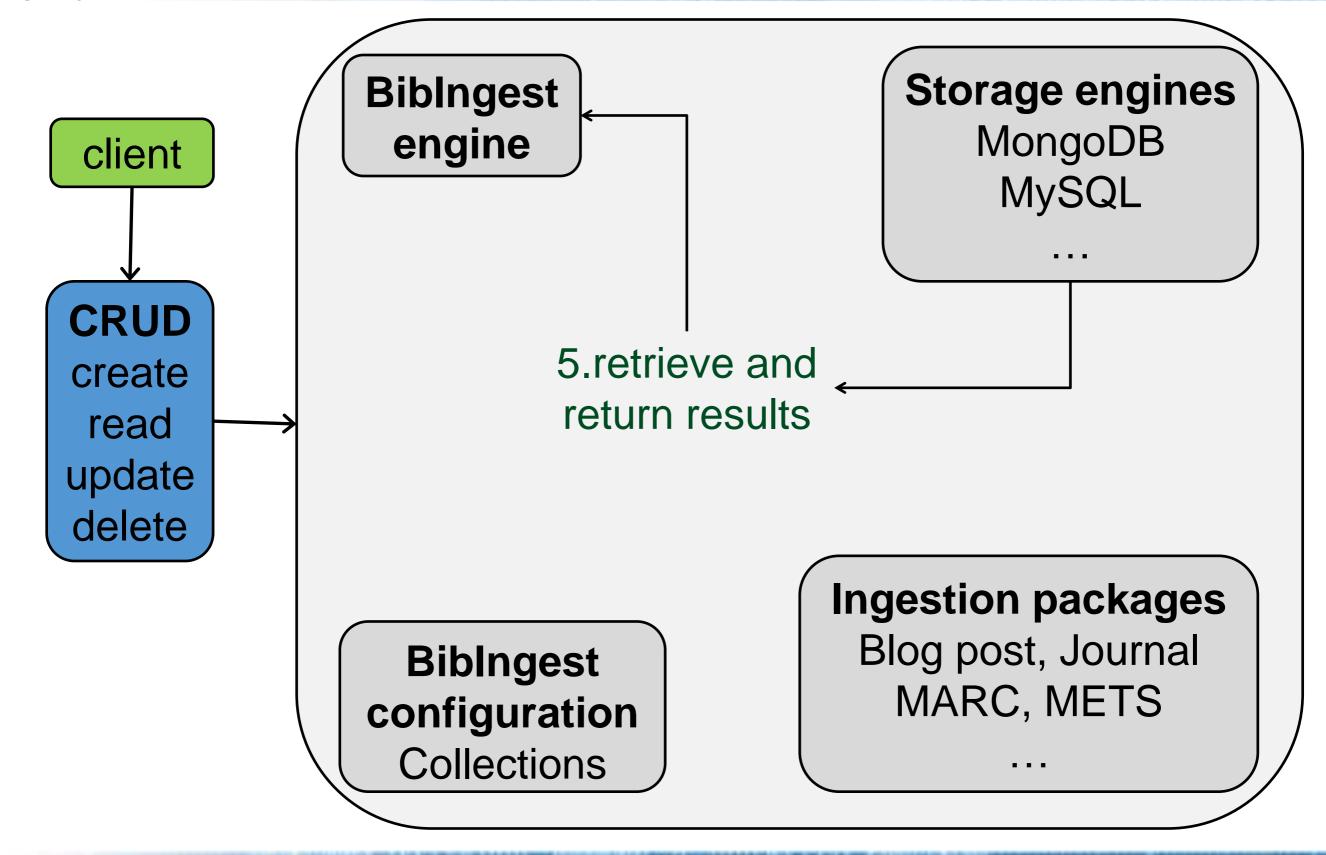


Architecture





Architecture





Current work

- Modified BibUpload/BatchUploader (pre/post plugins)
- METS with MARC
- MongoDB





- Future work / ideas
 - BibEdit works only on the ingestion package
 - Versioning
 - MARC only for discovery and presentation
 - Various types of ingestion packages / metadata formats

