

# BibIngest

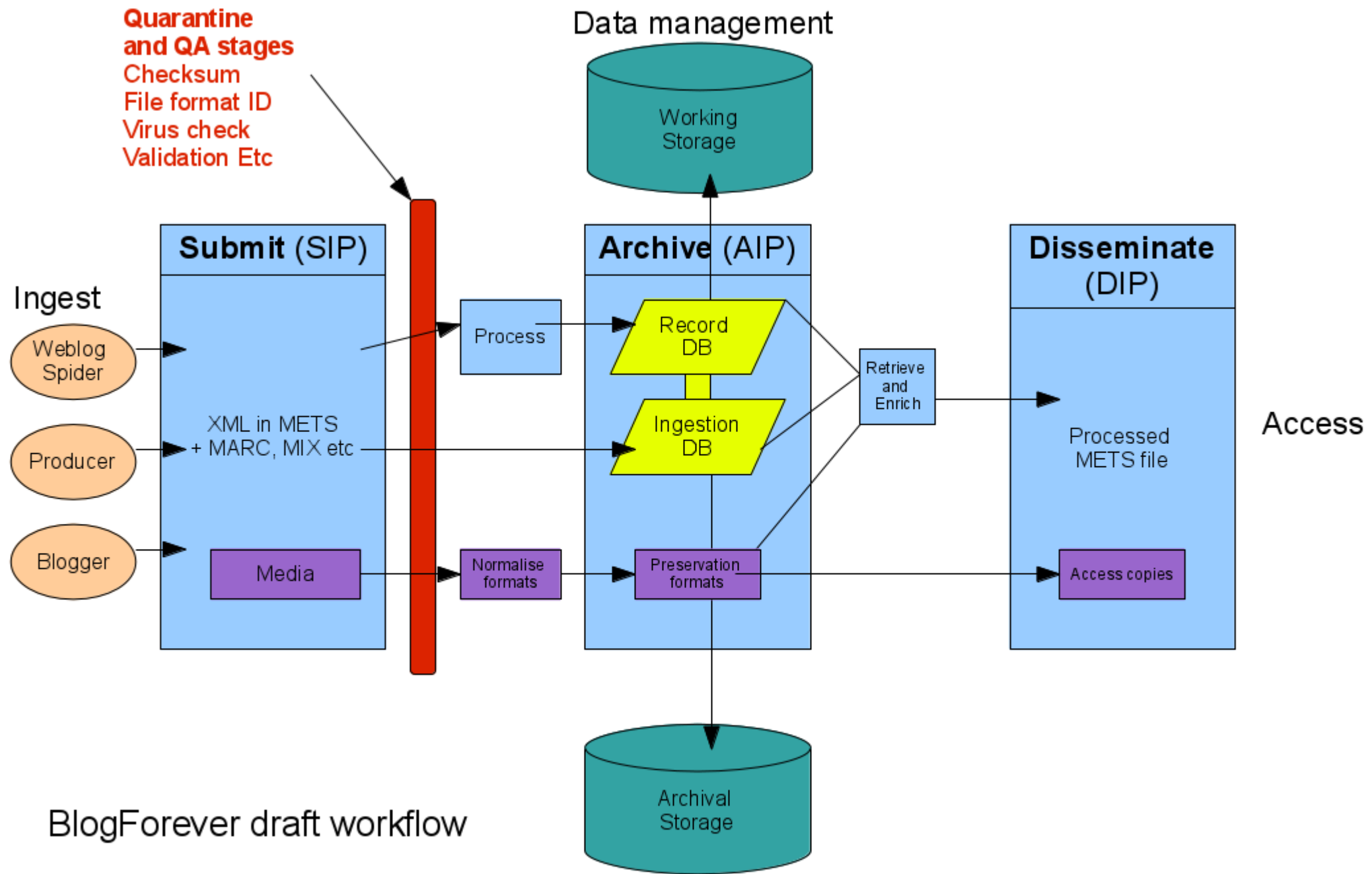
Nikolaos Kasioumis

CERN

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

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- **Ingestion Storage**
  - Extraction of information
  - Resubmission
  - Dissemination

# BlogForever + OAIS



BlogForever draft workflow

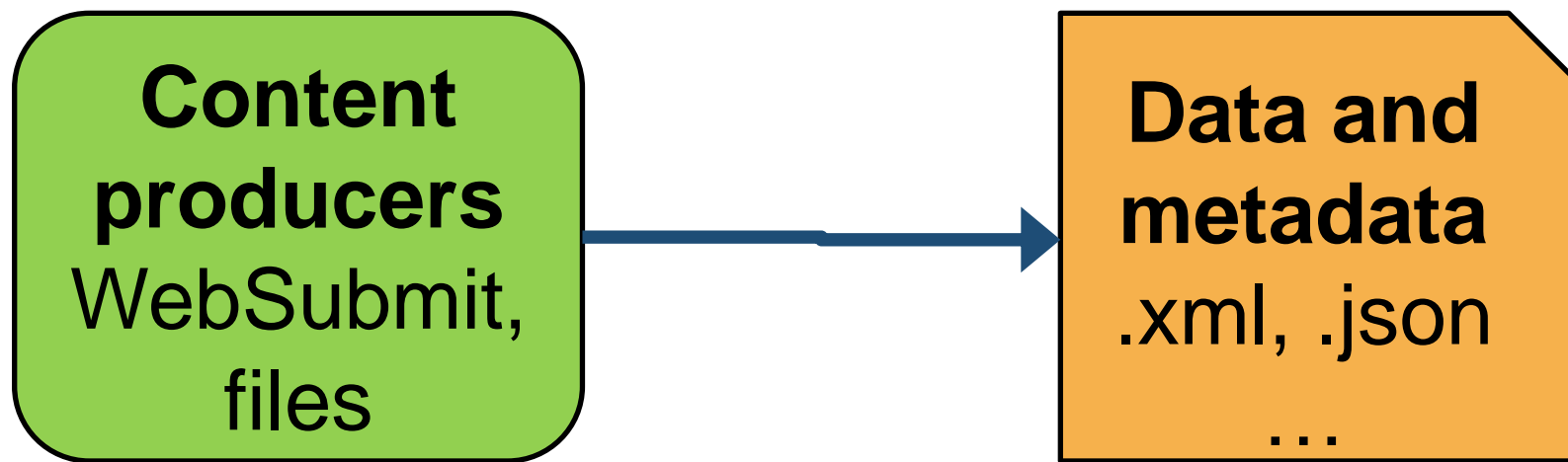


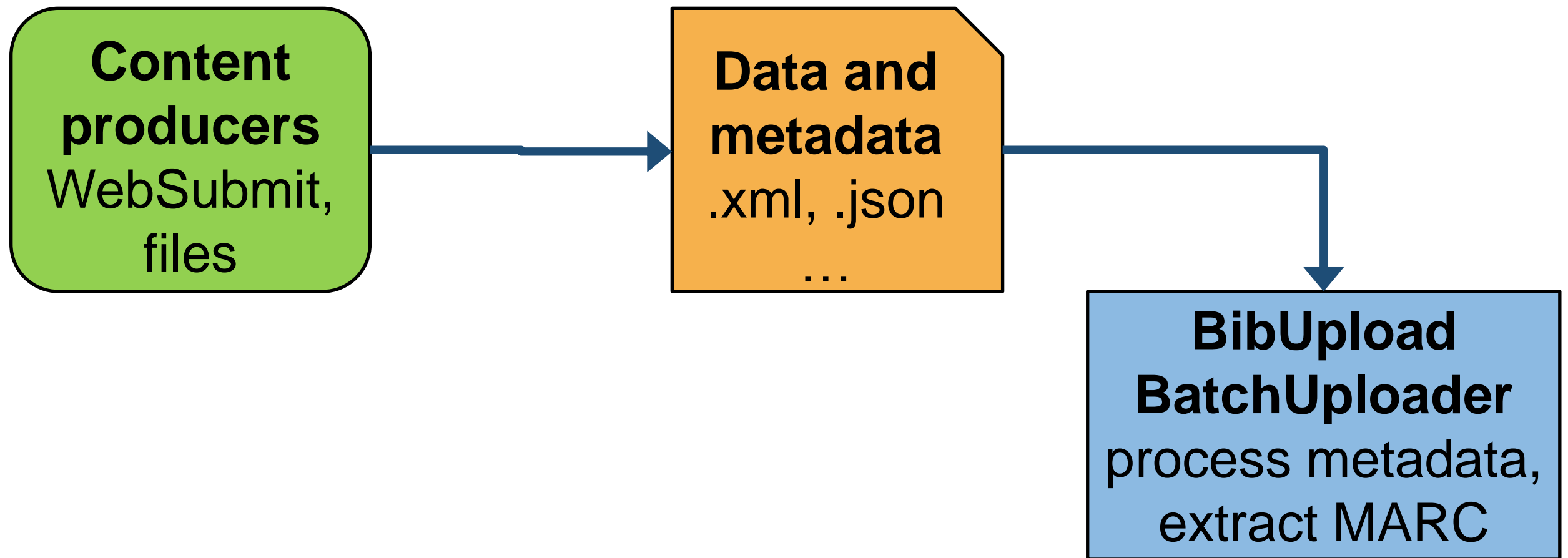
- Basic functions of persistent storage: create, read, update and delete (CRUD)
- Different storage engines
- Different ingestion packages
- Variety of common operators



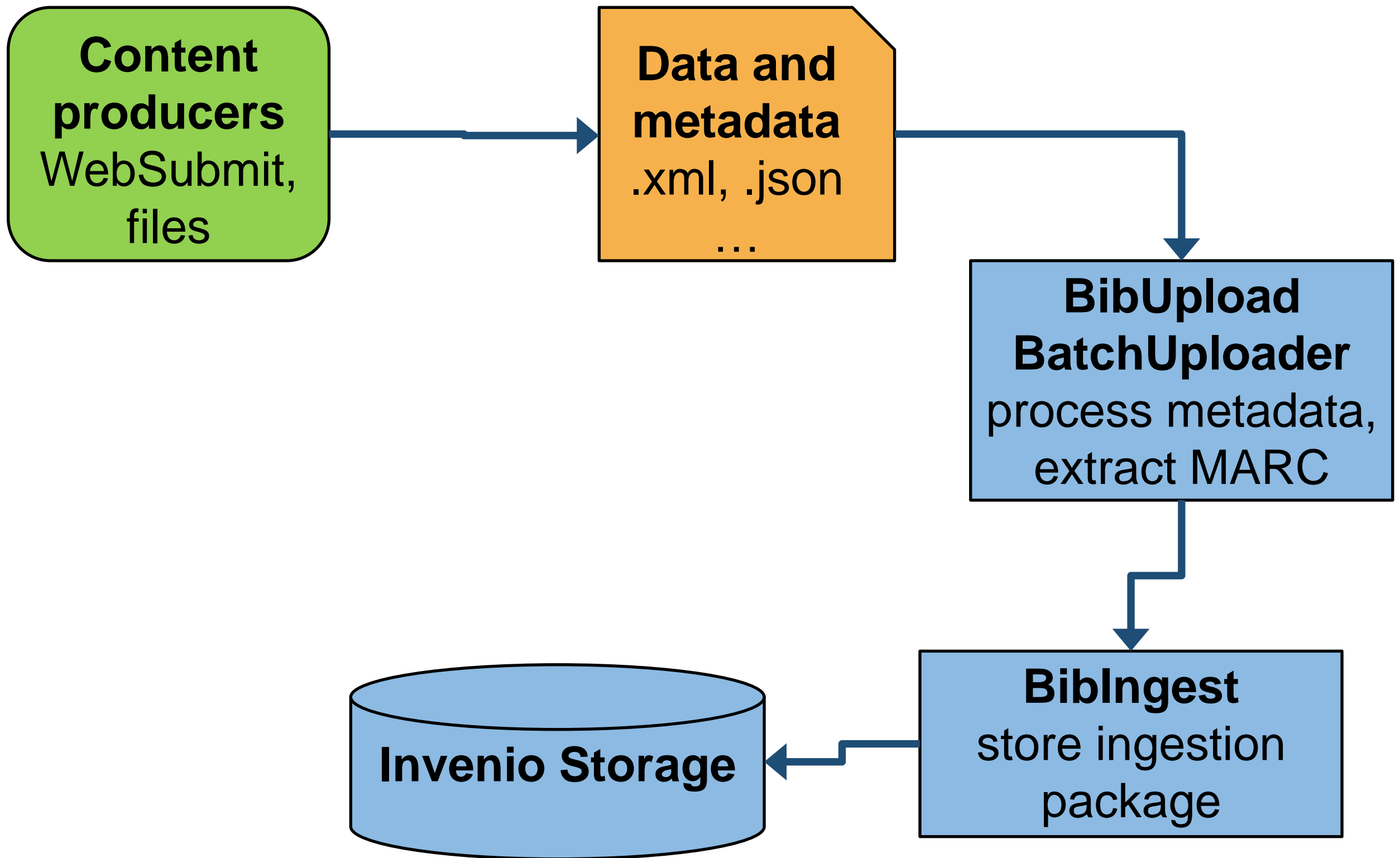
# Architecture

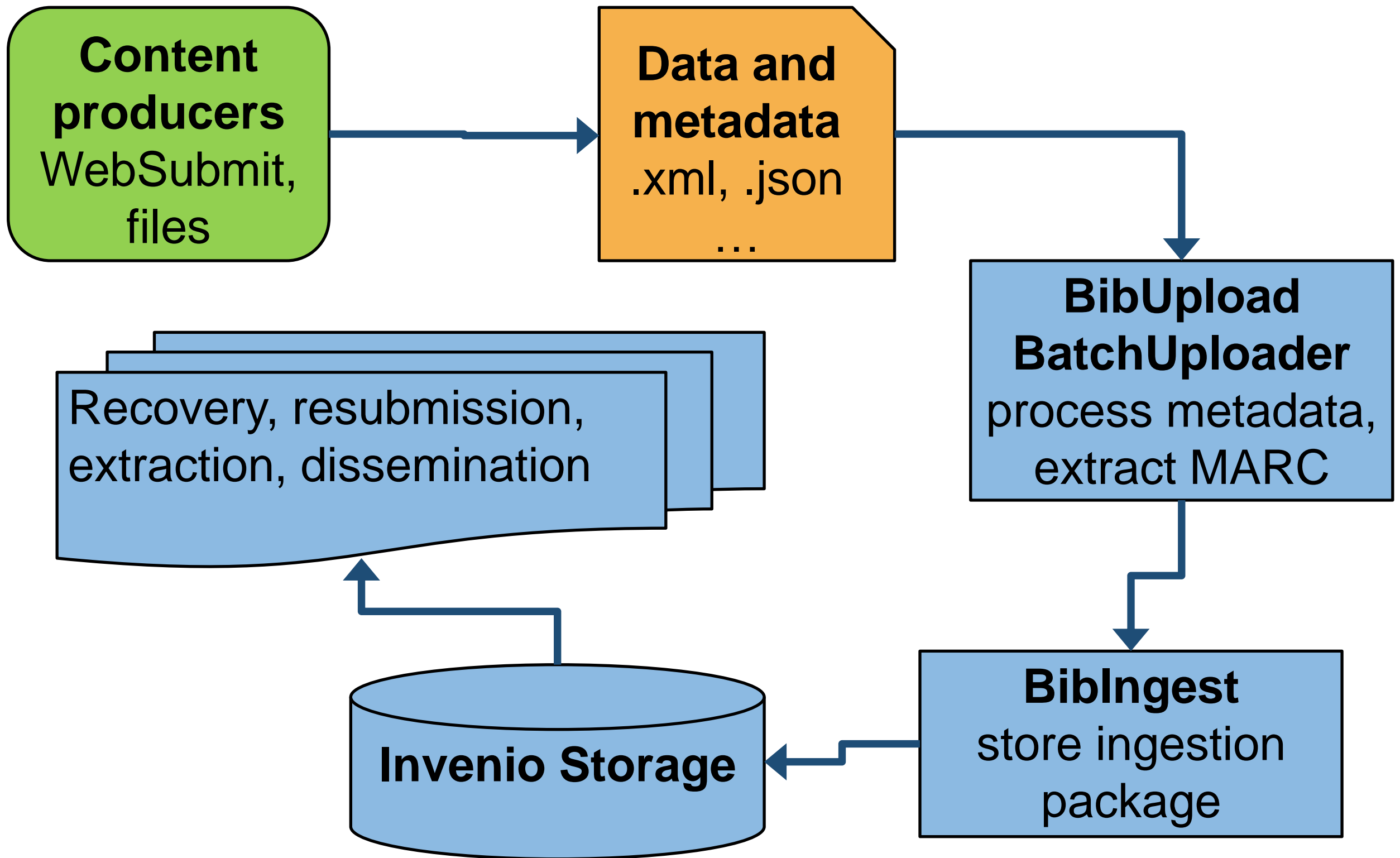
**Content  
producers**  
WebSubmit,  
files

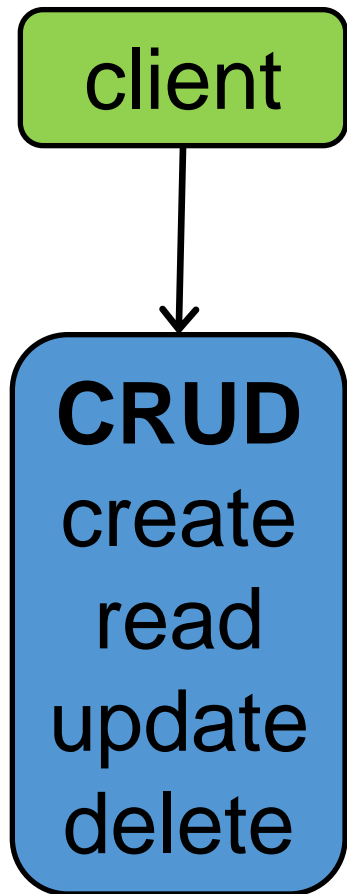


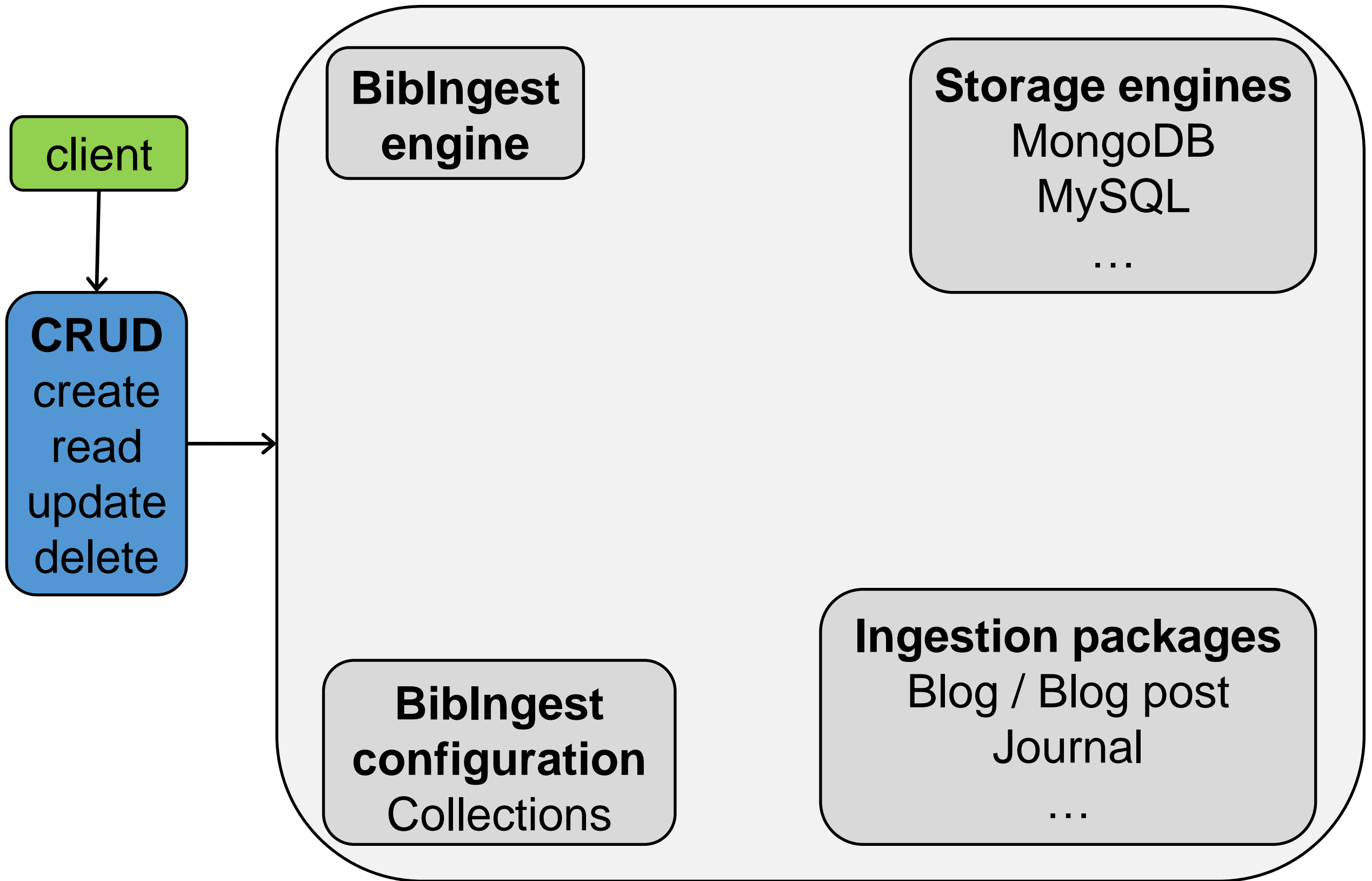




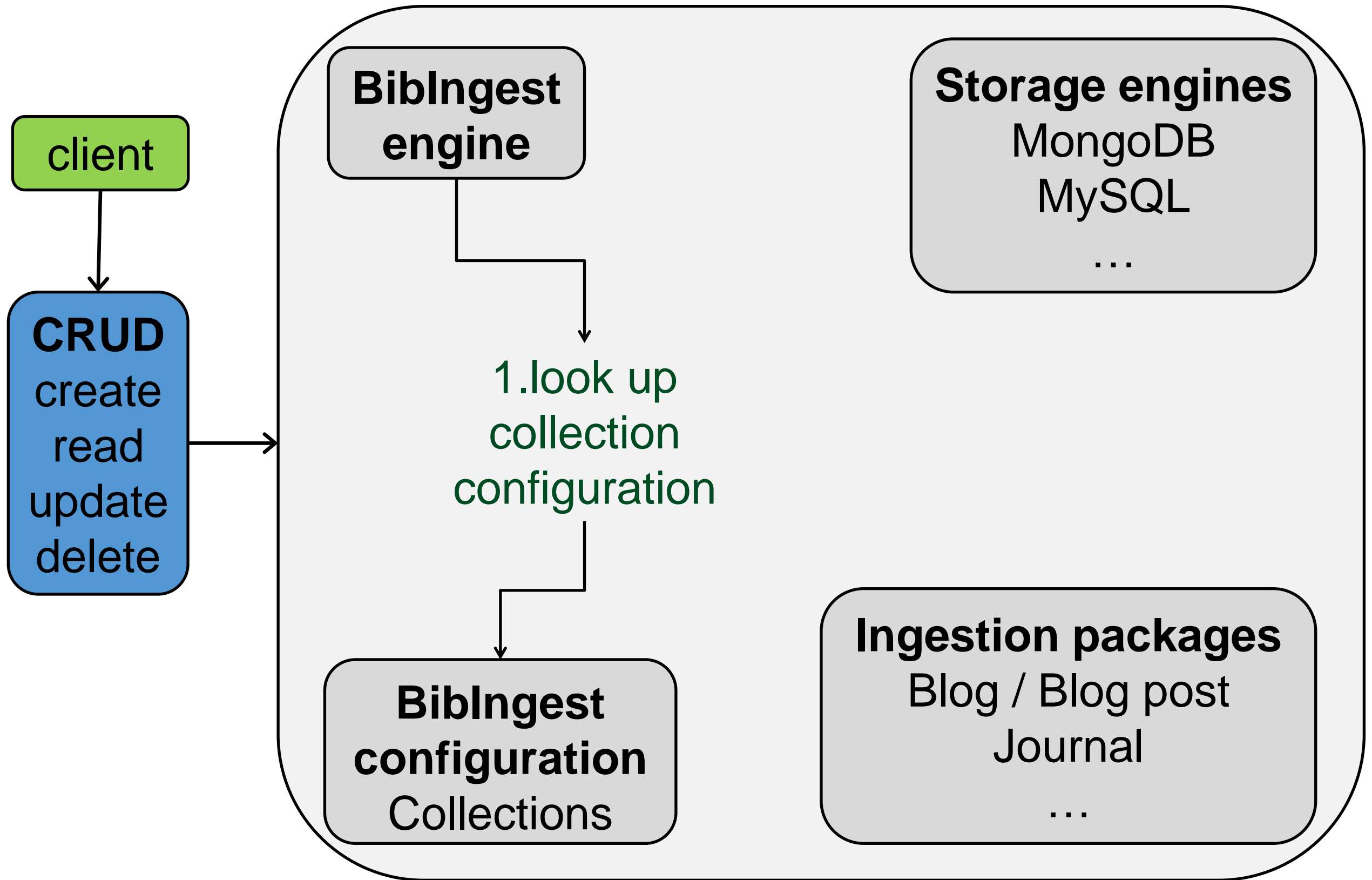




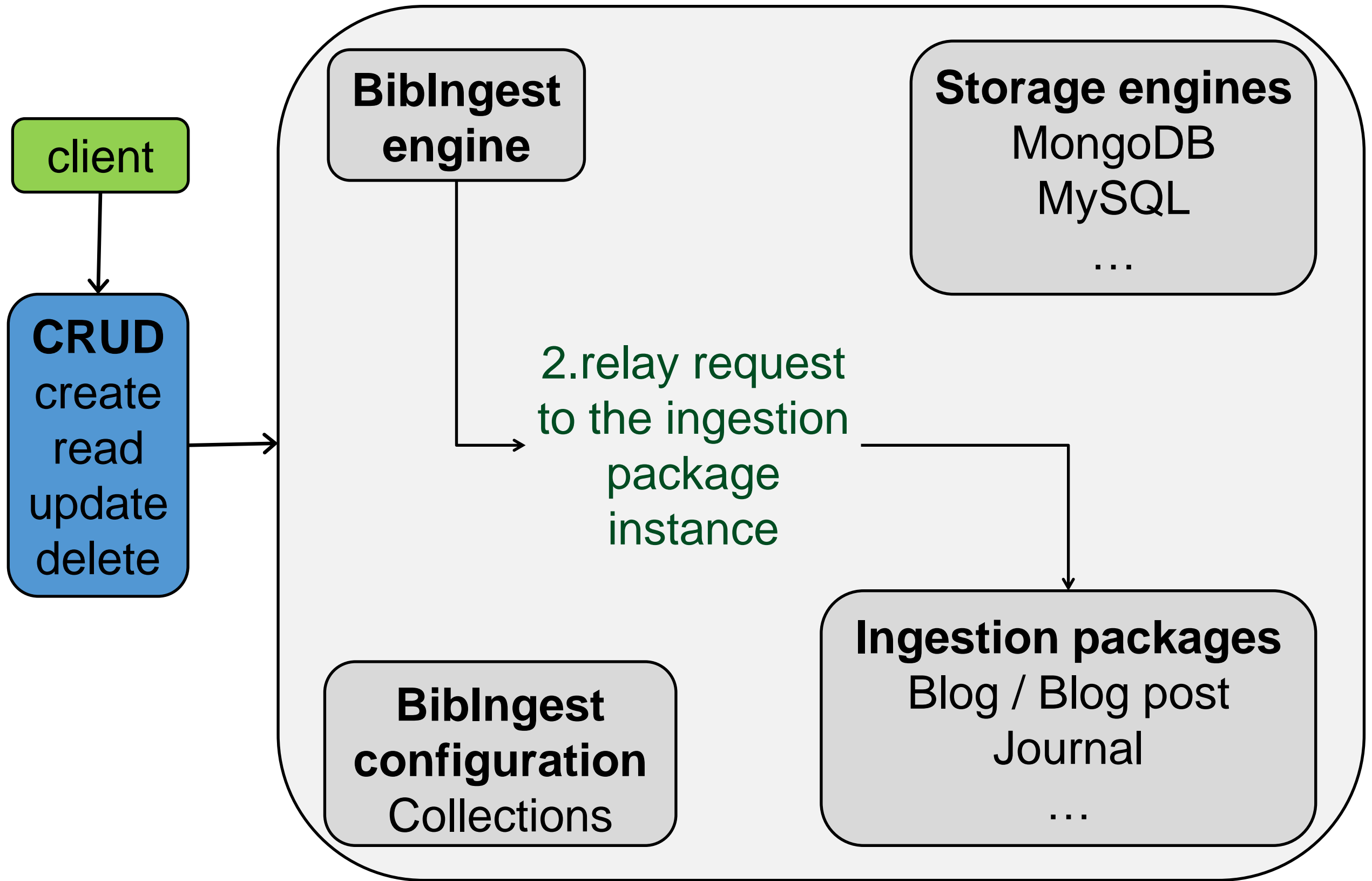


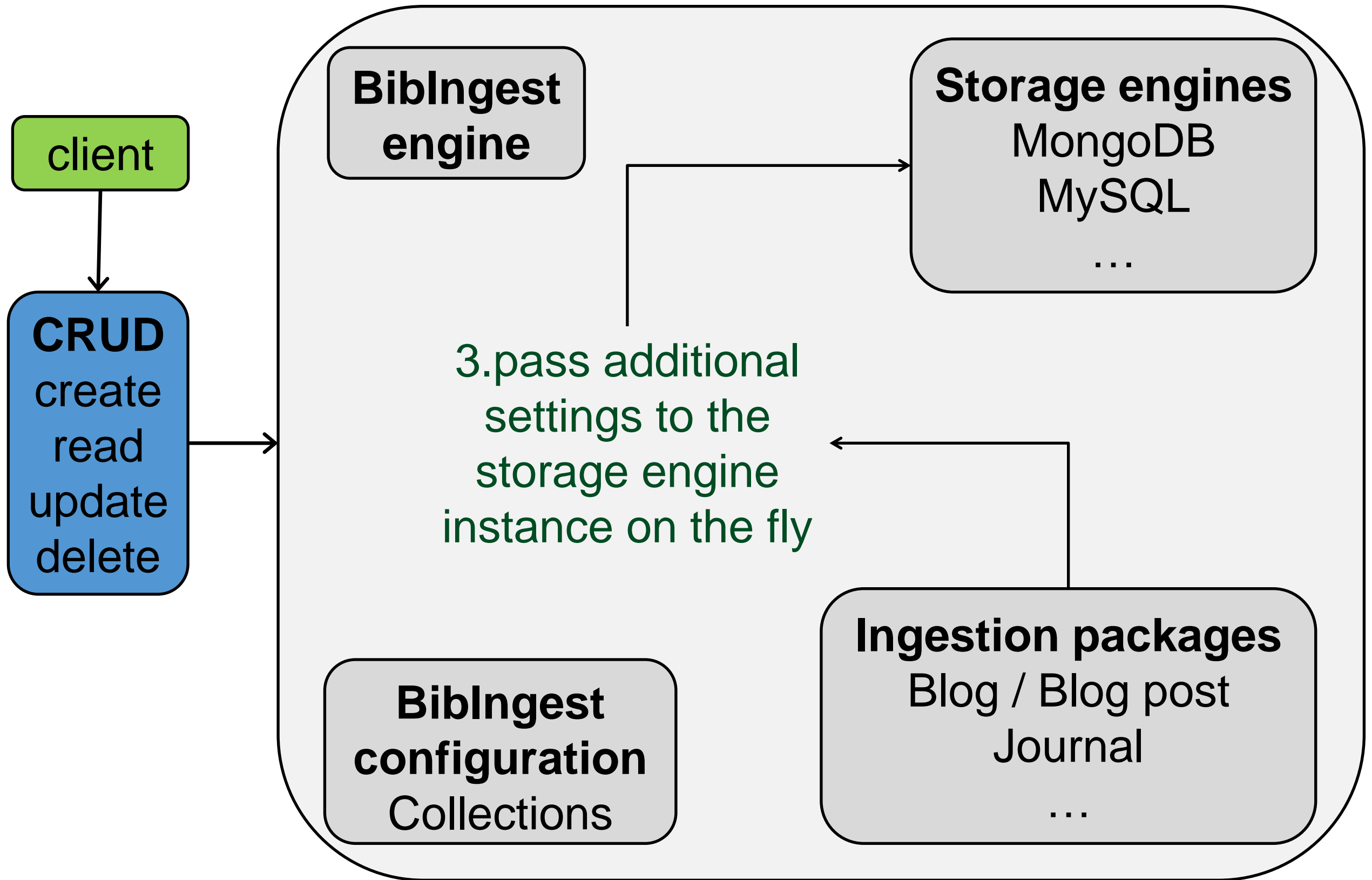


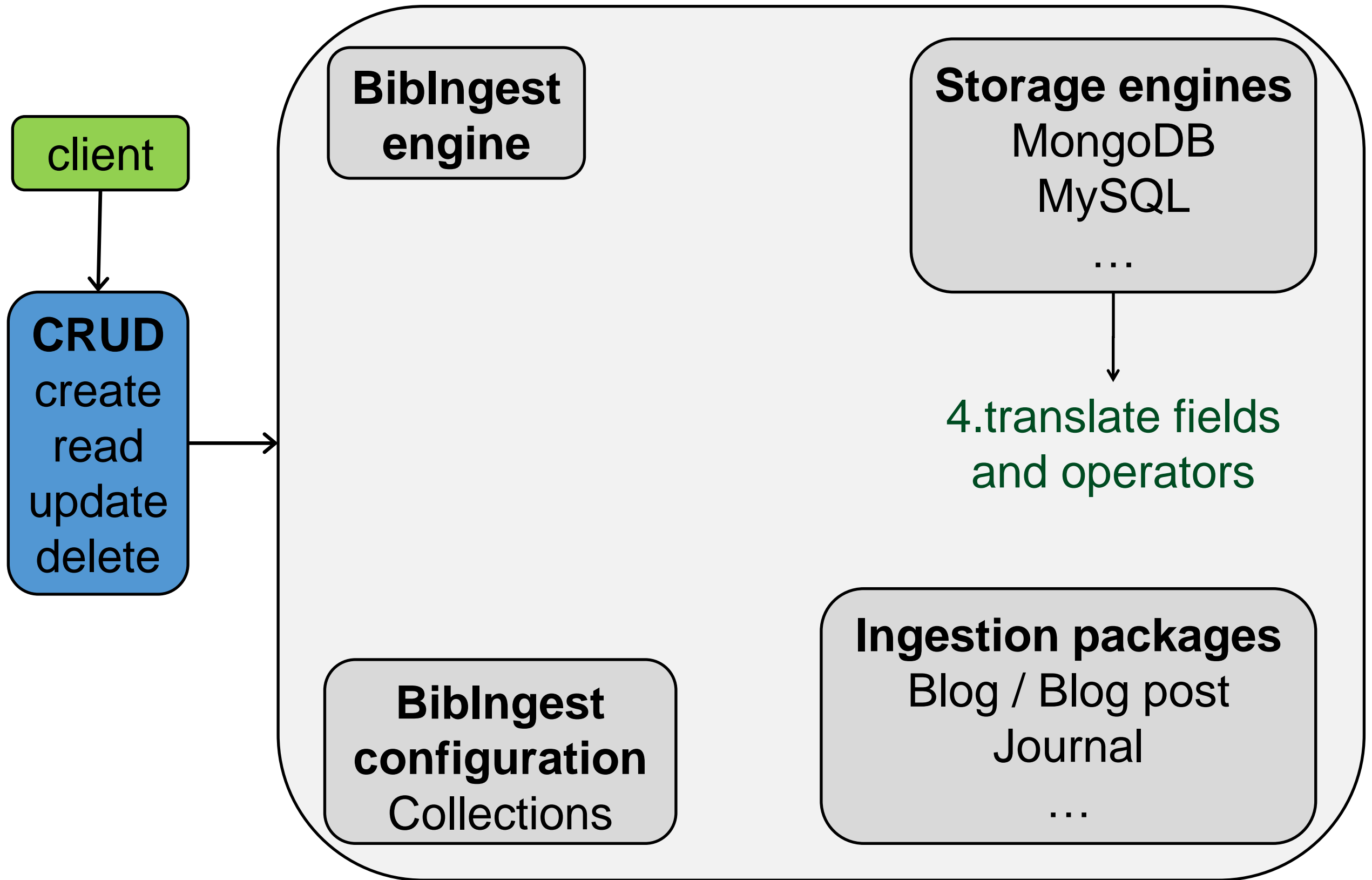




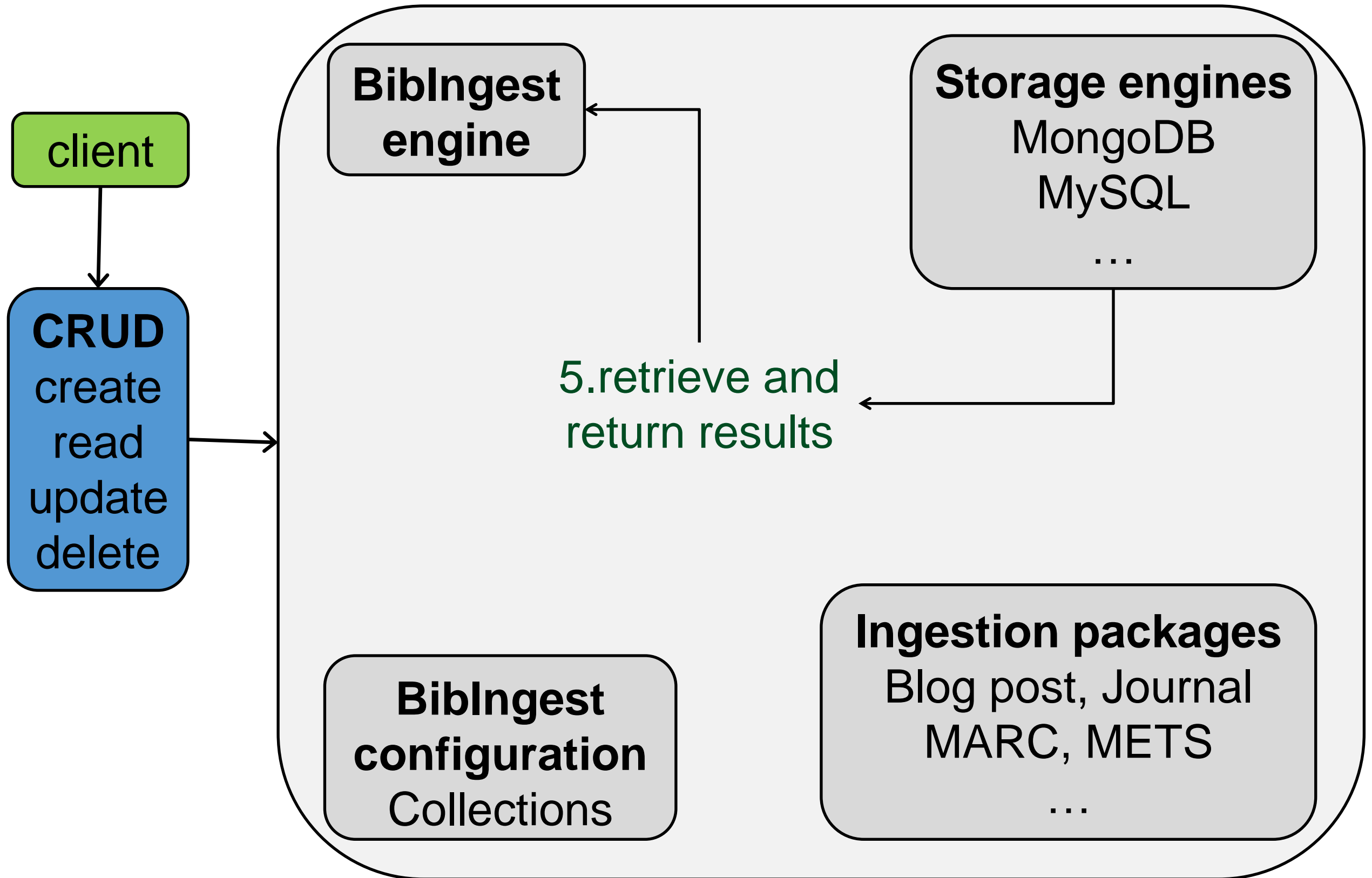
# Architecture











- **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