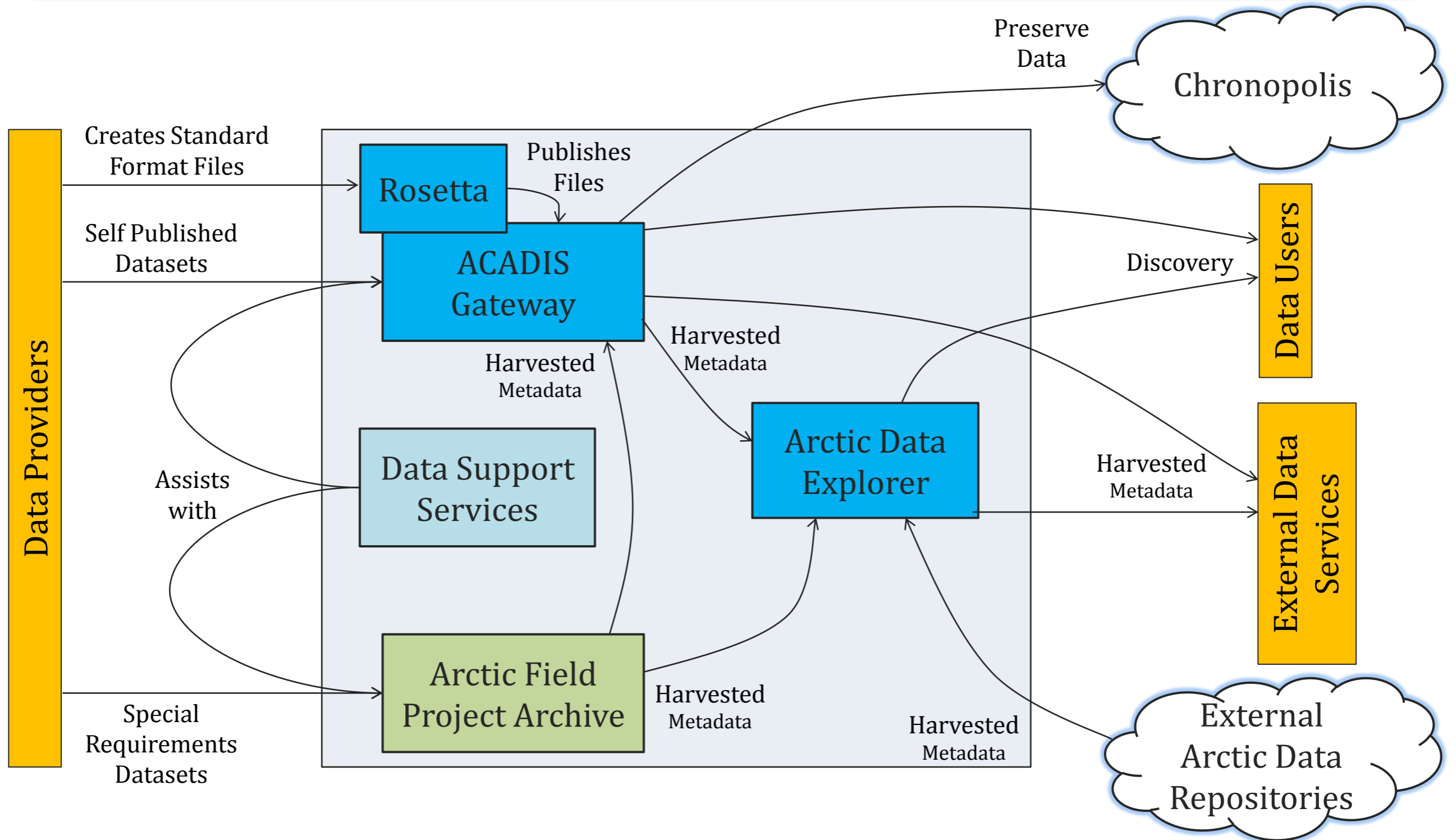
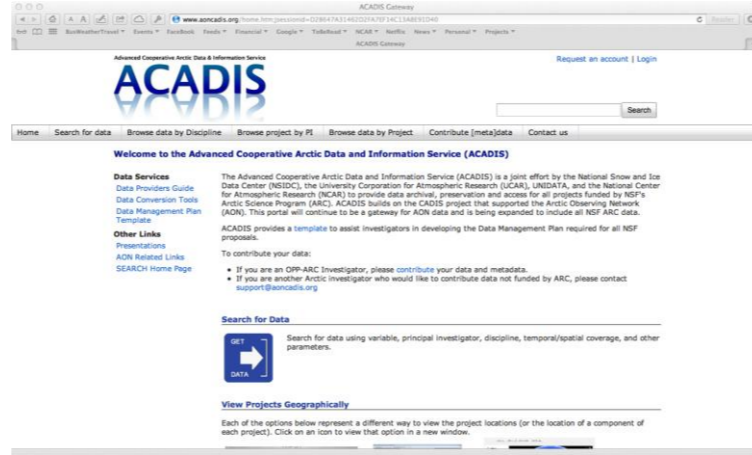
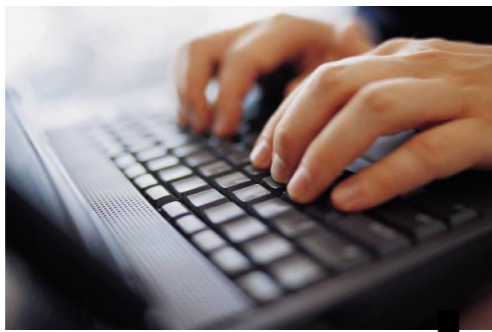


ACADIS System



Automated Modeling and Observation Systems



RESTful Pub Services

Data Users and Publishers (SelfPub)

Federation with Other Systems (GCMD, WMO, ADE)

ACADIS Gateway

Discovery Services (Apache SOLR)

Identity Management (OpenID, SAML)

Publishing Services

OAI-PMH Repository (DC, DIF, ISO)

Metadata and Database Services

Catalog Harvester (OpenSearch, DIF, THREDDS)

Metrics

Data Services, Access Control

ADE Services

Rosetta Services

EOL ACADIS Collections (via THREDDS)

Arctic Data Explorer (via OpenSearch)

NWSC GLADE ACADIS Arctic Collections



HPSS

Bagit (from the LoC)



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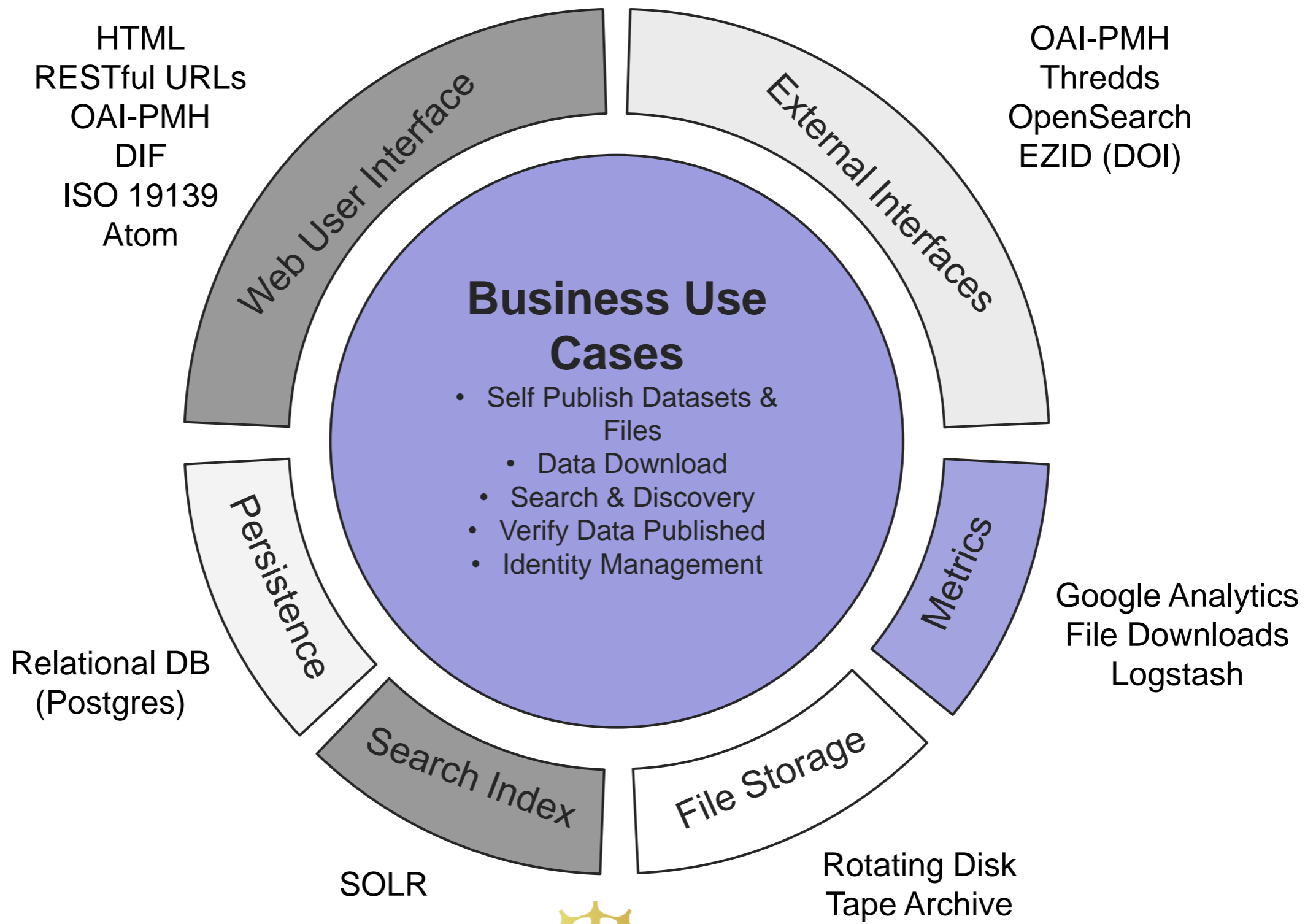
ACADIS is sponsored by NSF/GEO/PLR



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ACADIS Gateway

Architecture Layer Diagram



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ACADIS Gateway

Technology Stack

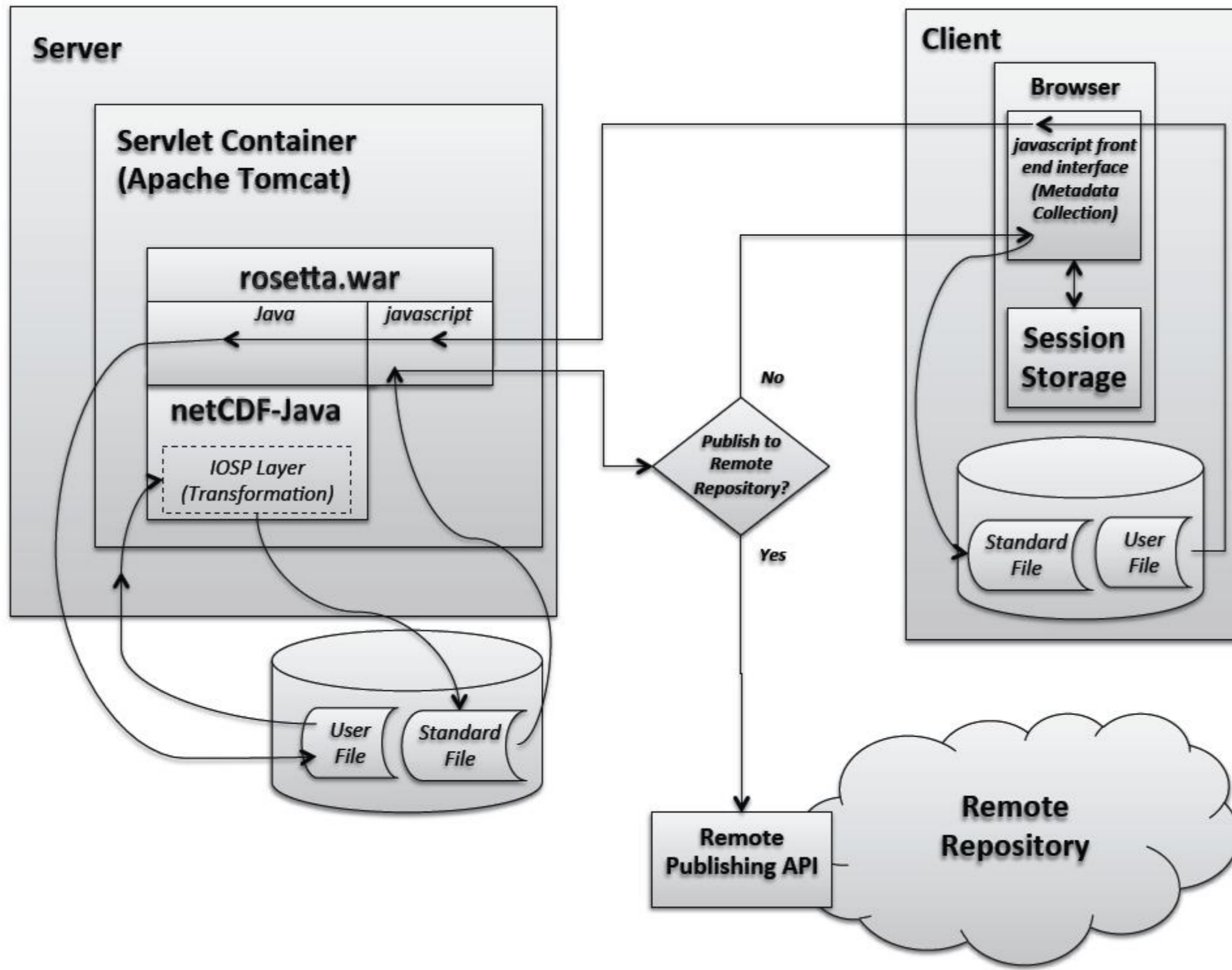
- Apache
 - ActiveMQ
 - FileUpload
 - HTTPD
 - SOLR
 - Tomcat
- Freemarker
- Hibernate
- Liquibase
- Logstash
- NetCDF Java
- PostgreSQL
- Quartz
- Spring Framework
 - Dependency Injection
 - Integration
 - Security
 - Web MVC
- Togglz



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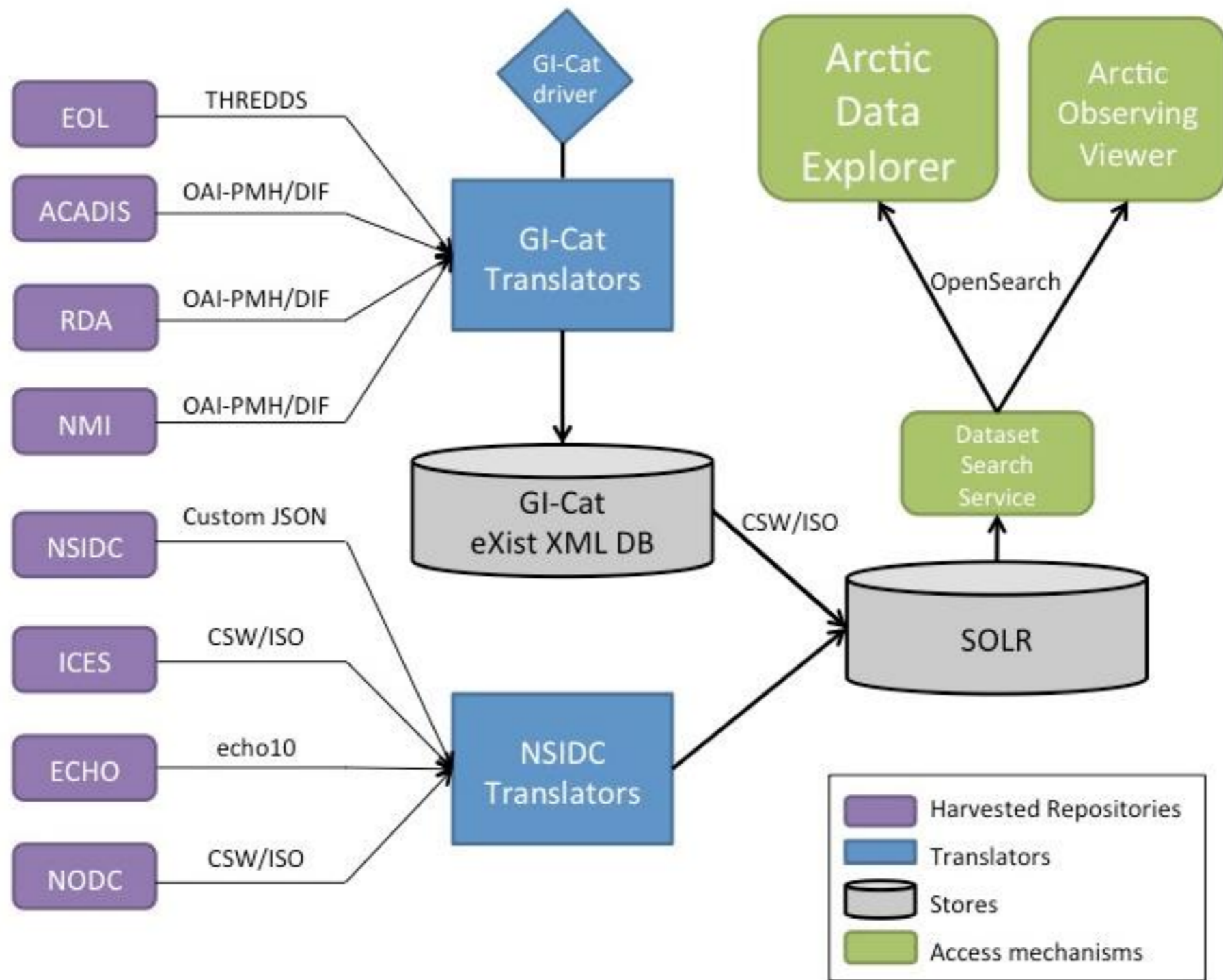
ROSETTA WORKFLOW DIAGRAM



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ARCTIC DATA EXPLORER



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