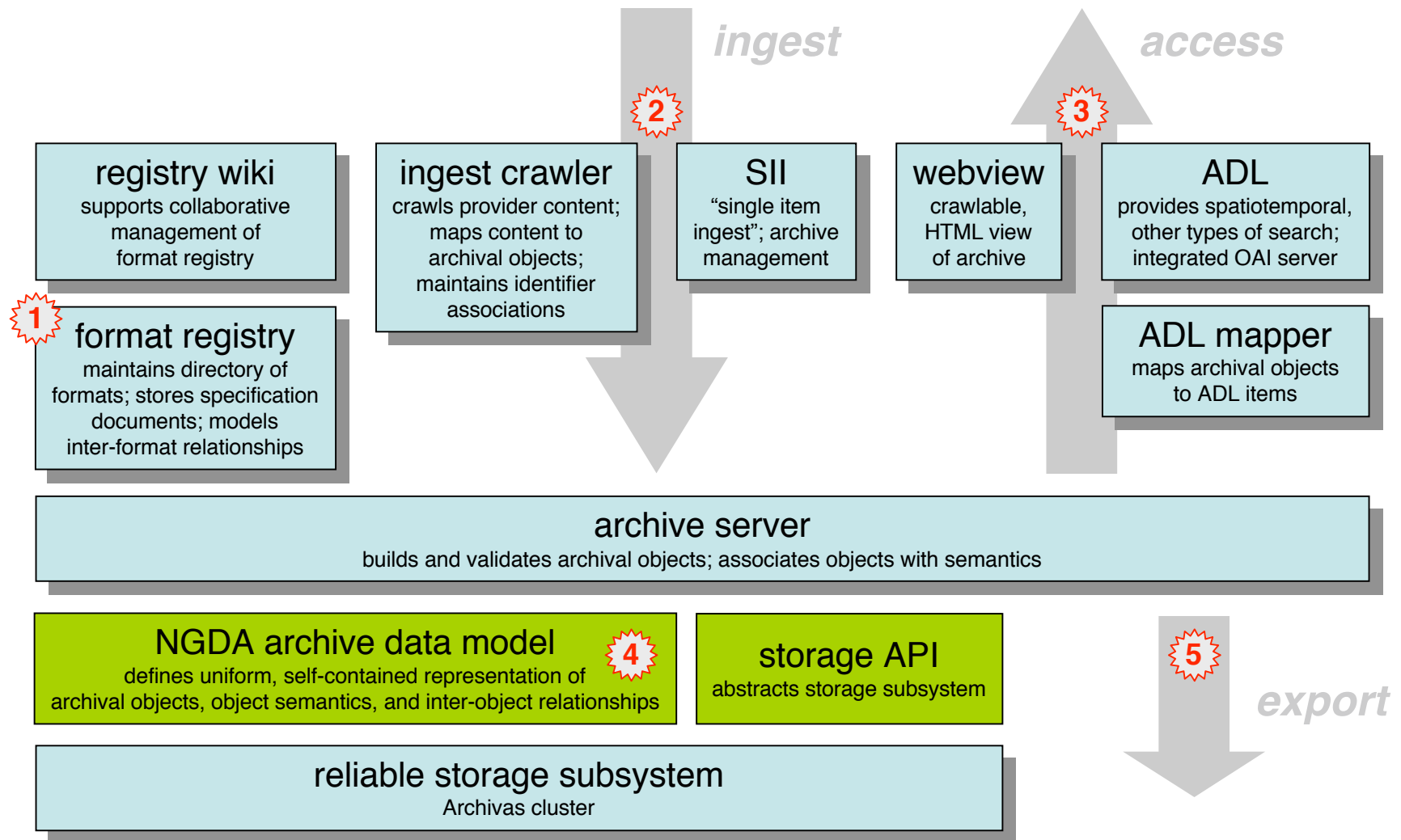


NGDA federation architecture



Federation interaction points

1. Format registry...
 - provides a central place for data providers to describe file semantics, and for archives and end users to reference those semantics.
2. Ingest services and tools...
 - allow data providers to transfer content into an archive.
3. Access services...
 - allow end users to search for and use content across the entire federation, and allow third parties to provide value-added access services.
4. Archive data model...
 - defines a uniform representation of archive content; archives that implement or map to the data model can employ NGDA tools to provide access and export services.
5. Export function...
 - transfers archive content in bulk to other archives for replication and migration purposes; ancillary object semantics are automatically included.