OAIS Reference Framework

 ISO Standard 14721:2012. Reference Model for an Open Archival Information System. The conformance check developed in PREFORMA enables implementation of the following OAIS functions:

- Quality assurance at Ingest, validating (QA results) the successful transfer of the SIP to the temporary storage area.
- Generate AIP at Ingest, transforming one or more SIPs into one or more AIPs that conform to the Archive's data formatting standards and documentation standards.
- Archival Information Update at Ingest, providing a mechanism for updating (repackaging, transformation) the contents of the Archive.
- Monitor Designated Communities for Preservation Planning, interacting with Archive Consumers and Producers to track changes in their service requirements and available product technologies.
- Develop Preservation Strategies and Standards for preservation planning, developing and recommending strategies and standards, and for assessing risks, to enable the Archive to make informed tradeoffs as it establishes standards, sets policies, and manages its system infrastructure.
- Establishing Standards and Policies by the Administration of the Archive system and maintain them.