The Expanded OAIS Functional Diagram

The OAIS (ISO 14721) is a tool for modeling a digital repository. It is most familiar as a framework diagram where information is Ingested from a Producer, described and packaged for Data Management and Archival Storage, and made available for Dissemination to Consumers. Administration and Preservation Planning provide for long-term sustainability of the information workflow.

OAIS also documents functions within each major section. The following diagram incorporates all of the functions and their relationships within the familiar shape of the high-level diagram.

Performing all of the functions described above requires software tools, policies, procedures, and staff. The AMNH Library is using this more detailed diagram to plan and evaluate its trusted digital repository. The diagram is available as a vector graphic at http://codedculture.org/assets/oaisfull_v3_labels.svg

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