The ORI-OAI project seeks to create an open system, both open source and royalty free. The software shall allow to:

- manage the digital resources produced by higher education institutions;
- share these e-resources;
- enhance them with high-quality indexing;
- ensure availability via ergonomic interfaces and well-defined access rules.

⇒ Managing electronic documents

- ORI-OAI is designed to manage all types of electronic documents produced in the context of higher education institutions:
  - Learning objects: indexing (using LOM-FR metadata) and sharing learning objects was the first purpose of the ORI software. It is currently used by four out of seven Thematic Digital Universities (TDU, created 2004);
  - Thesis: since 2006 all French universities are strongly encouraged to diffuse their thesis online. ORI-OAI is interconnected with the national thesis management system that ensures long-term archival;
  - Scholarly works: ORI-OAI plays the role of an institutional open archive. It is also involved in the construction of the French national open archive service based on the CNRS software, HAL;
  - Records Management: is the next step forward....
- ORI-OAI can be easily integrated in a wide variety of environments (Digital Workspaces like UPortal for instance) using portlets. Interactions with LMS softwares (e.g. Moodle) are also planned.

⇒ Software functionalities and use cases

- SEARCH: on metadata & full text;
- DIFFUSE: respecting authors copyright and publishers policies;
- PUBLISH on the WEB: versions management (using FRBR), multiple workflows, automated deposit in STAR and HAL;
- ARCHIVE: the native format of the document is always available for the author;
- SHARE: OAI-PMH and federated-identity compliance
- REFERENCE: using enhanced indexing and metadata standards (DDC, EAP, LOM, TEF).

ORI-OAI can be used in a wide variety of cases, for instance:

- Institutional open repository
- TDU portal (sharing learning objects)
- RDU portal (sharing on a regional basis)

⇒ Technical Infrastructure

![Diagram showing the technical infrastructure of ORI-OAI](http://www.ori-oai.org)