

INVENIO

Integrated digital library and repository system.

Invenio, the integrated digital library and repository system, is a suite of applications which provides the framework and tools for building and managing an autonomous digital library server. The software is readily available to anyone, as it is free software, licensed under the GNU General Public Licence (GPL).

AREA OF EXPERTISE

- Information Technology

IP STATUS

- Latest release: Invenio v1.0.0, released 2012-02-2

The technology offered by the software covers all aspects of digital library management. It complies with the Open Archives Initiative metadata harvesting protocol (OAI-PMH) and uses MARC 21 as its underlying bibliographic standard. Its flexibility and performance make it a comprehensive solution for the management of document repositories of moderate to large size.

At CERN, Invenio is used for running the CERN Document Server (1 million records), INSPIRE (1 million records), ILC Document Server and the CERN Bulletin web site. In addition it is used for powering the CERN Indico search engine and the CERN Multimedia Gallery web site <http://invenio-software.org>.

FEATURES

- Multiple parallel level of collections & sub-collections.
- Google-like search with additional options of combined meta data, citation and full text search.

APPLICATIONS

- Digital library server.
- Institutional document repository.
- Multimedia document archive.
- Administrative document management.

CONTACT PERSON

nick.ziogas@cern.ch

Find out more at:
kt.cern

Continue Reading »

INVENIO



technology

Knowledge Transfer
Accelerating Innovation

ADVANTAGES

- Navigable collection tree.
- Documents organised in collections.
- Regular and virtual collection trees.
- Powerful search engine:
 - Specially designed indexes to provide Google-like search speeds for repositories of up to 10.000.000 records.
 - Customisable simple and advanced search interfaces.
 - Combined metadata, fulltext and citation search in one go.
- Flexible metadata:
 - Standard metadata format (MARC).
 - Handling articles, books, theses, photos, videos, museum objects and more.
- Customisable batch imports and web submission lines.
- Customisable output display and linking rules.

LIMITATIONS

- Digital library server.
- Institutional document repository.
- Multimedia document archive.
- Administrative document management.

