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Implementation of the IFIP Digital Library in the HAL open publication repository

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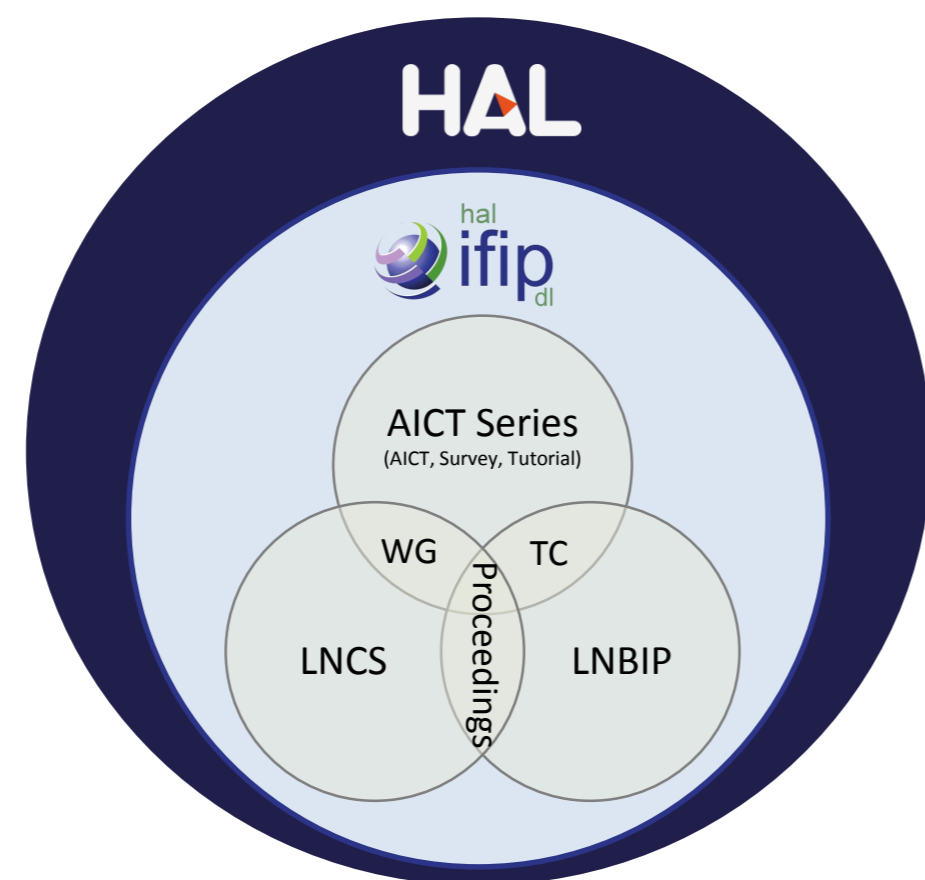
BACKGROUND

The International Federation for Information Processing (IFIP) is a non-governmental and non-for-profit umbrella organization of national societies working in the field of information processing. It was founded in 1960 under the auspices of UNESCO. Its Digital Library (DL) comprises more than 30 000 documents (conference proceedings, workshops, tutorials, surveys...), most of which have been published as volumes with Springer. In 2014, IFIP settled an agreement with Inria, the French National Research Institute for computer science and applied mathematics, to migrate the existing content to the HAL open publication repository and maintain it there in the long run.

HAL IFIP COLLECTIONS

A collection is a personalized browsing environment associated to specific groups of publications and linked to a persistent URL.

The IFIP Open DL consists of a main collection for all documents and sub-collections by series, volumes, technical committee (TC) and working groups (WG). Each deposit is added to one or more sub-collections.

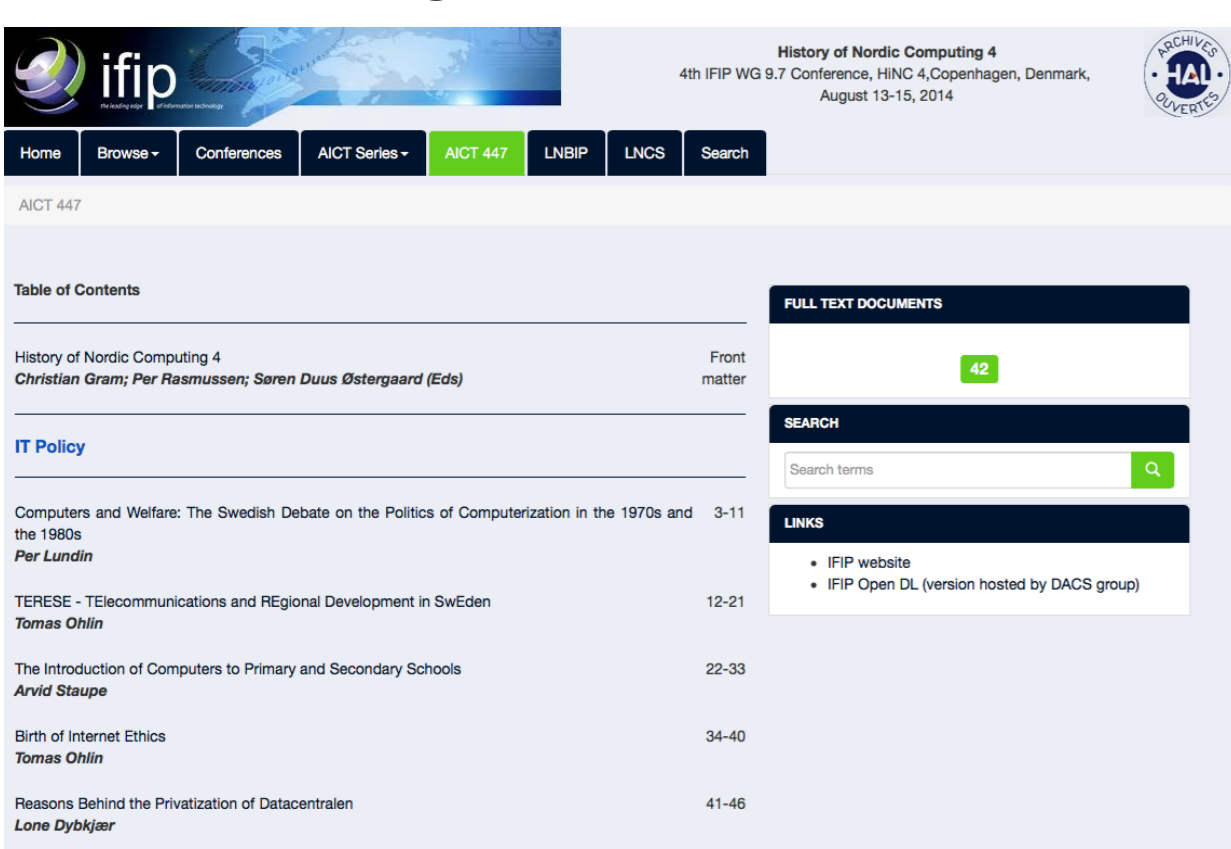


• Main collection



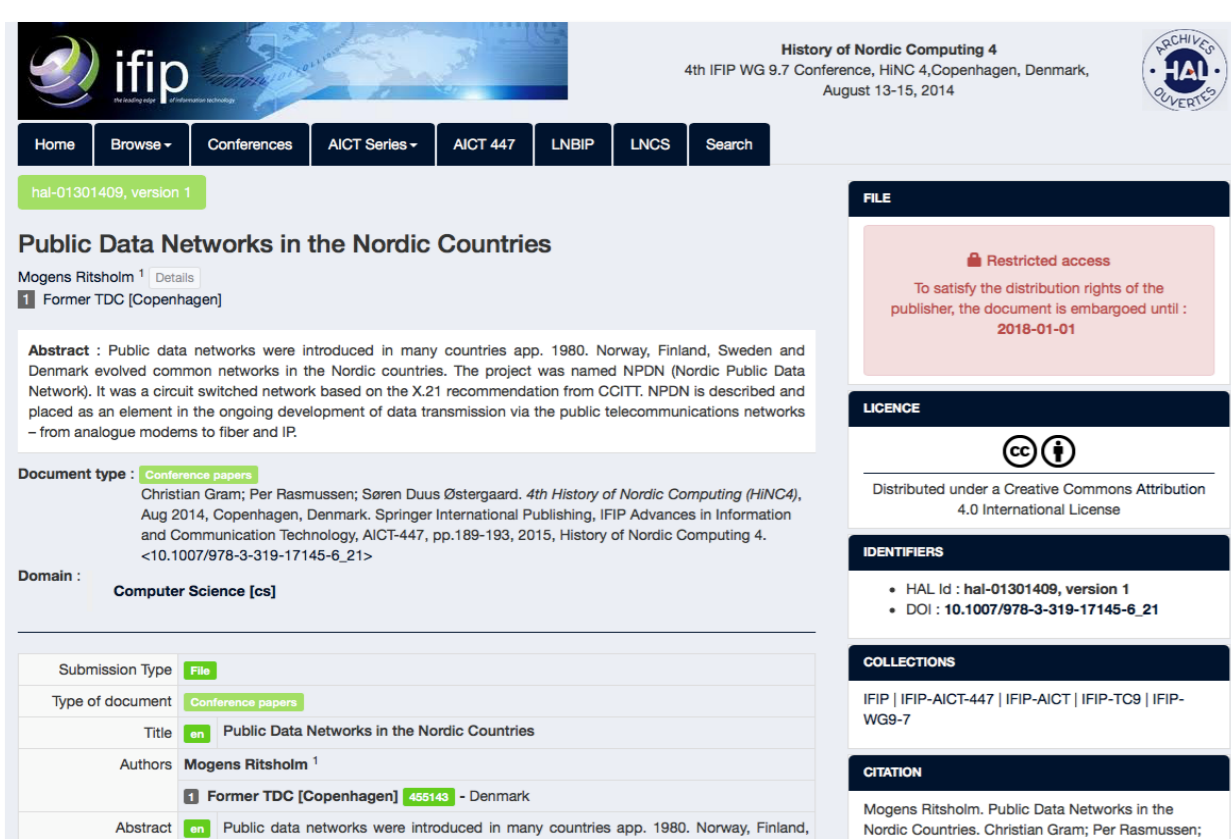
<https://hal.inria.fr/IFIP>

• Proceedings volume



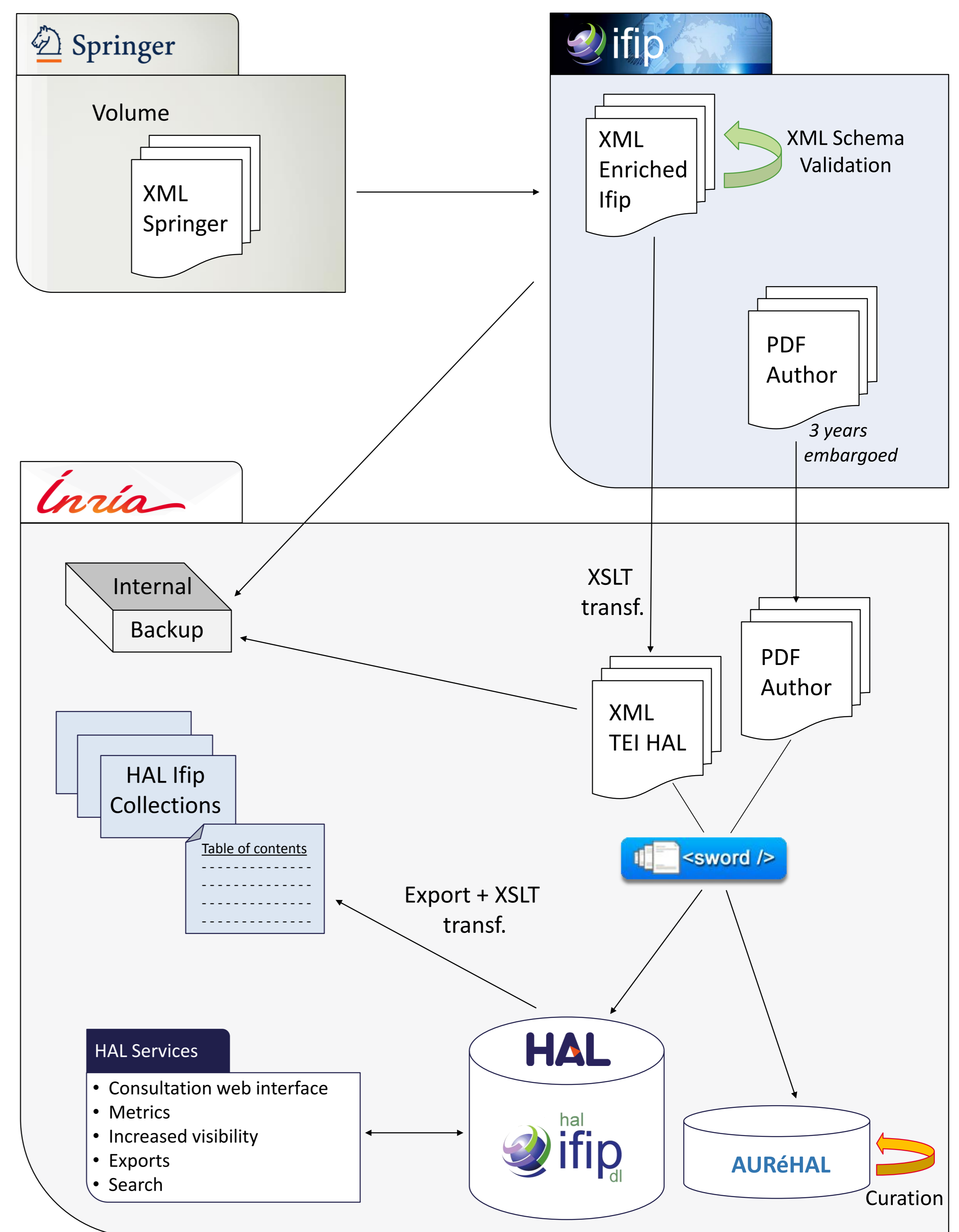
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• Reference view



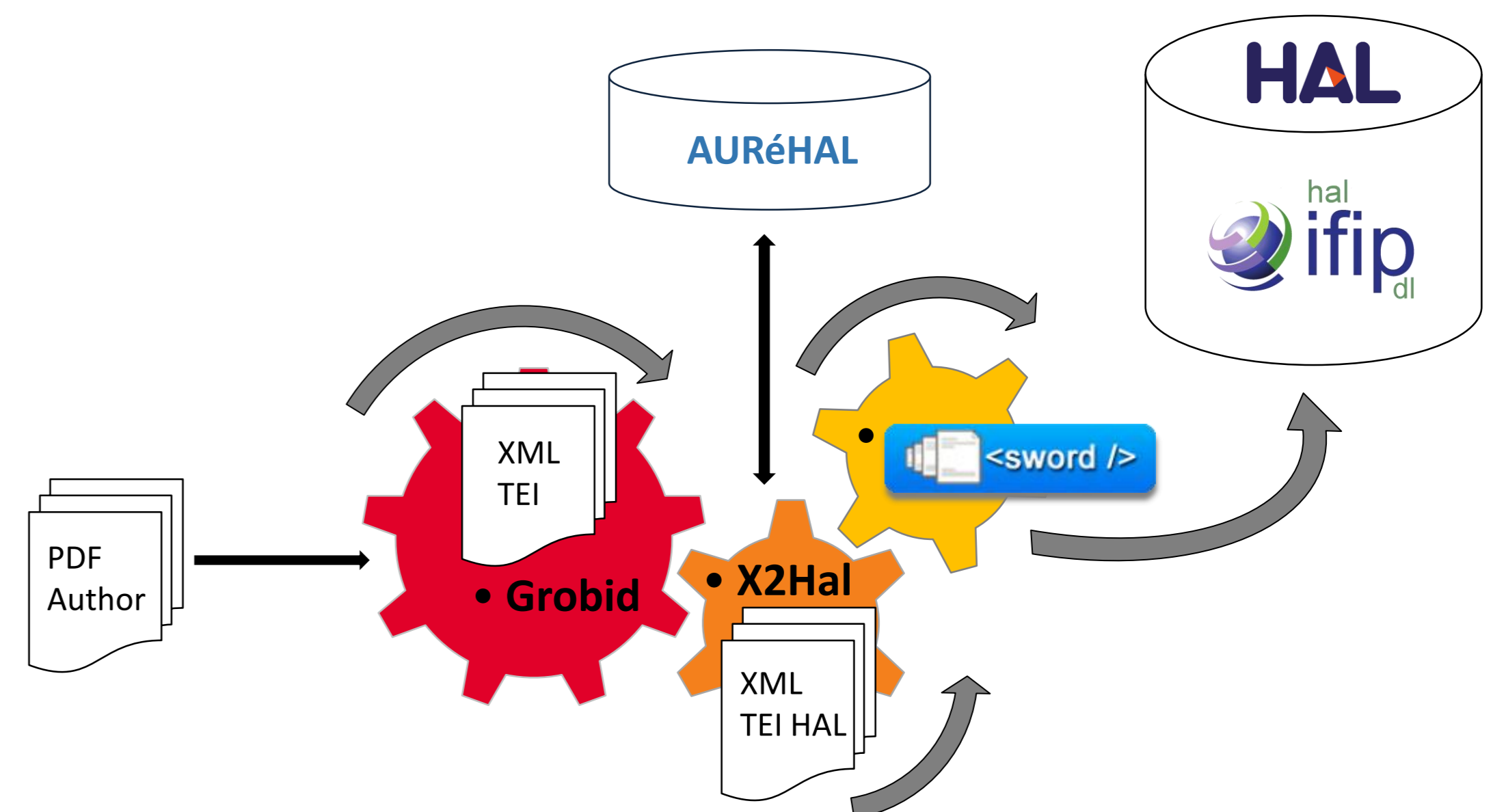
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DATA PROCESSING WORKFLOW



PERSPECTIVE

Generation of Bibliographical Data (Grobid) combined with X2Hal service: a way in progress to the automatic extraction of meta-data from PDF files and connect the author affiliations to the central authorities service AuréHAL: <https://aurehal.archives-ouvertes.fr>



REFERENCES

- Scripts and stylesheets on GitHub: <https://github.com/INRIA/IFIPSpecifications>
- Grobid: <https://github.com/kermitt2/grobid>
- CAPELLI Laurent, FARHI Laurence, ROMARY Laurent, "A TEI conformant pivot format for the HAL back-office" (Poster): <https://hal.inria.fr/hal-01221774v1>
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