The Research Infomation System (FIS/CRIS) of Universität Hamburg

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Introduction (Quantum Universe)

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Terminology

Research information

= All information about scientist and their activities such as publications, projects, etc.; usually meta data - collected and combined in the system

Research data

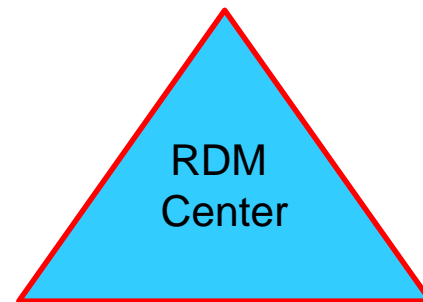= All data collected within research activities, e.g. observation data, experiments, simulations, etc.*

Research data management

= Research information management is the aggregation, curation, and utilization of information about research**

Research Data Management

RDM Center

Research Information   Research Data

* http://www.rfii.de/de/themen/#Forschungsdaten
** Byrant, R. et al. (2017): DOI: 10.25333/C3NK88.
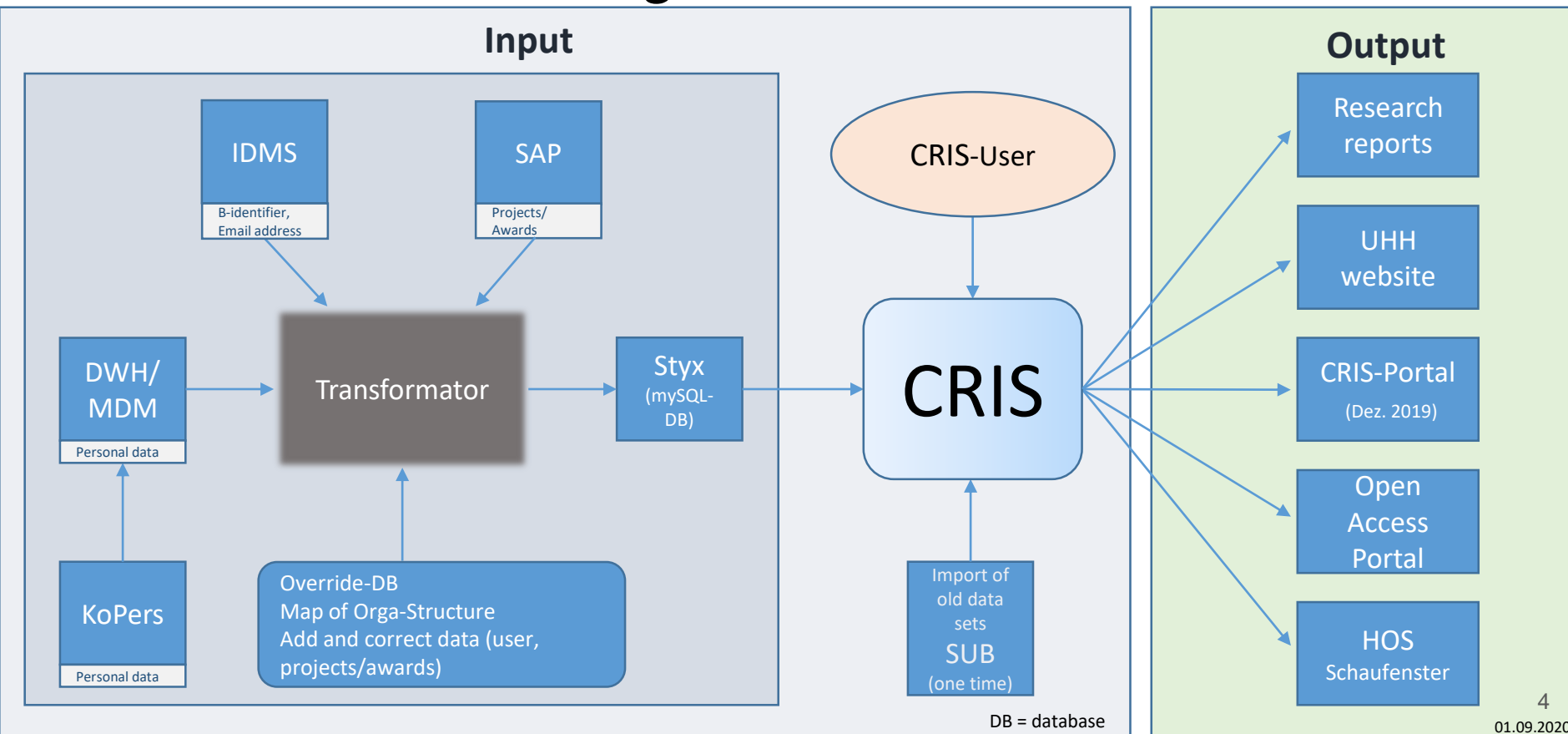
CRIS of UHH

Objectives:

1. **Authorized and simplified preparation of research reports (via an integrated and unified database and processes between scientific research and administration)**

2. **Assist the research administration with providing data collections and processes**

→ Creation of overviews, statistical reports and analysis (all pursuant to the CRIS-service agreement "FIS-Dienstvereinbarung")

→ Software PURE (manufacturer *Atira*, acquired by Elsevier 2012)

Combining data sets in the CRIS

Input

Output

IDMS — B-identifier, Email address

SAP — Projects/Awards

CRIS-User

Research reports

UHH website

DWH/MDM — Personal data

Transformator

Styx (mySQL-DB)

CRIS

CRIS-Portal (Dez. 2019)

KoPers — Personal data

Override-DB
Map of Orga-Structure
Add and correct data (user, projects/awards)

Import of old data sets
SUB (one time)

Open Access Portal

HOS Schaufenster

DB = database

CRIS: Features & Services (1/2)

- Bibliography including integrated full-text archive (repository)
  - Applications, reports, research outputs
  - Management of open access documentary (visibility, embargo periods)
- Directory of projects
  - Third-party funded projects ("Drittmittelprojekte"), state funding projects ("landesmittelfinanzierte Projekte"), projects without budgets
  - Connect and display: project description, employees and partners, expenses, outcome (publications, activities)
- Directory of experts: Entries related to persons including CV, positions, ministries and activities
- Directory of funding and collaborations (external cooperation partners: persons and organizations)

CRIS: Features & Services (2/2)

- Database for web applications (e.g. personal UHH website, *Open Access* portal)
- Reporting system – Creation of overviews, statistics and analysis; bibliometrics (citations, impact factors, journal ratings,…)
- Workflows:
  - Application of third-party funded projects (AMM = Award Management Module): applications and contracts → awards → projects
  - Dual-control-principle during process of validation (projects and publications)

CRIS in numbers - Status quo

- Online since Nov. 2018
- > 43.500 publications (started with > 6000); > 8500 project data sets
- > 3400 (active) users
- ~20 editors within the institutions (e.g. CEN, Cluster Quantum Universe, dept. 4)
- > 20.000 external organizations

Which research contents are recorded in the CRIS?

- Research outputs (incl. patents)
- Projects
- Awards
- Applications and contracts
- Persons (personal profiles)
- Activities (talks, guest residence)
- Prizes
- Facilities/Equipment (large-scale equipment, research infrastructure)
- (Press clippings from external sources, Scopus; coordination with dept. 2)

Opportunities of collecting and recording data

1. Automated import from source systems (via web services)
   - Organizational unit (SAP, soon via DWH)
   - Persons (KoPers via DWH) und projects (SAP)
     - Linkage of projects and persons by information linked to the organizational structure ((permanent) post, cost center, cost distribution)
     - Bibliometrics (PlumX, Altmetric, etc.)

2. Manuel import by the users
   - Import from online sources (e.g. Web of Science, ORCiD, ArXiv, PubMed, Mendeley, etc.)
   - Import from .ris or .bibtex files

3. Manuel input by individual users (or editors of the department)
   - Research outputs, activities, press entries, etc.

🏠 UHH → RDM → **Research Information**

RESEARCH INFORMATION

Research Information System (FIS)

LOGIN	Login with your user account (B-Kennung) and your password. User Account Information (only in German)

Note: Administrative staff (TVP) are not automatically registered in the FIS. If you are interested in using it, feel free to contact us.

Help and Documents	**Service Agreement (Dienstvereinbarung)**
The following documents are currently only available in German.	A service agreement has been concluded with the Staff Councils for Scientific Personnel and Technical and Administrative Staff. The document is only available in German.
■ Häufig gestellte Fragen ■ FIS-Anleitung (pdf)	■ Dienstvereinbarung (pdf) (July 2018 with changes in Appendix 1 in July 2020)

http://uhh.de/fdm-fis

CONTACT

You are lost or have technical problems with the research information system? Your data is not correct? Please feel free to contact us. Only with your feedback we can improve the system and the quality of the data.

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