Research Data Centre (FDZ)
of the German Federal
Employment Agency (BA)
at the Institute for
Employment Research (IAB)

The Metadataportal (MDP) of the German Institute for Employment Research (IAB) – first live demonstration

EDDI 2015

02.12.2015 Copenhagen (Denmark)

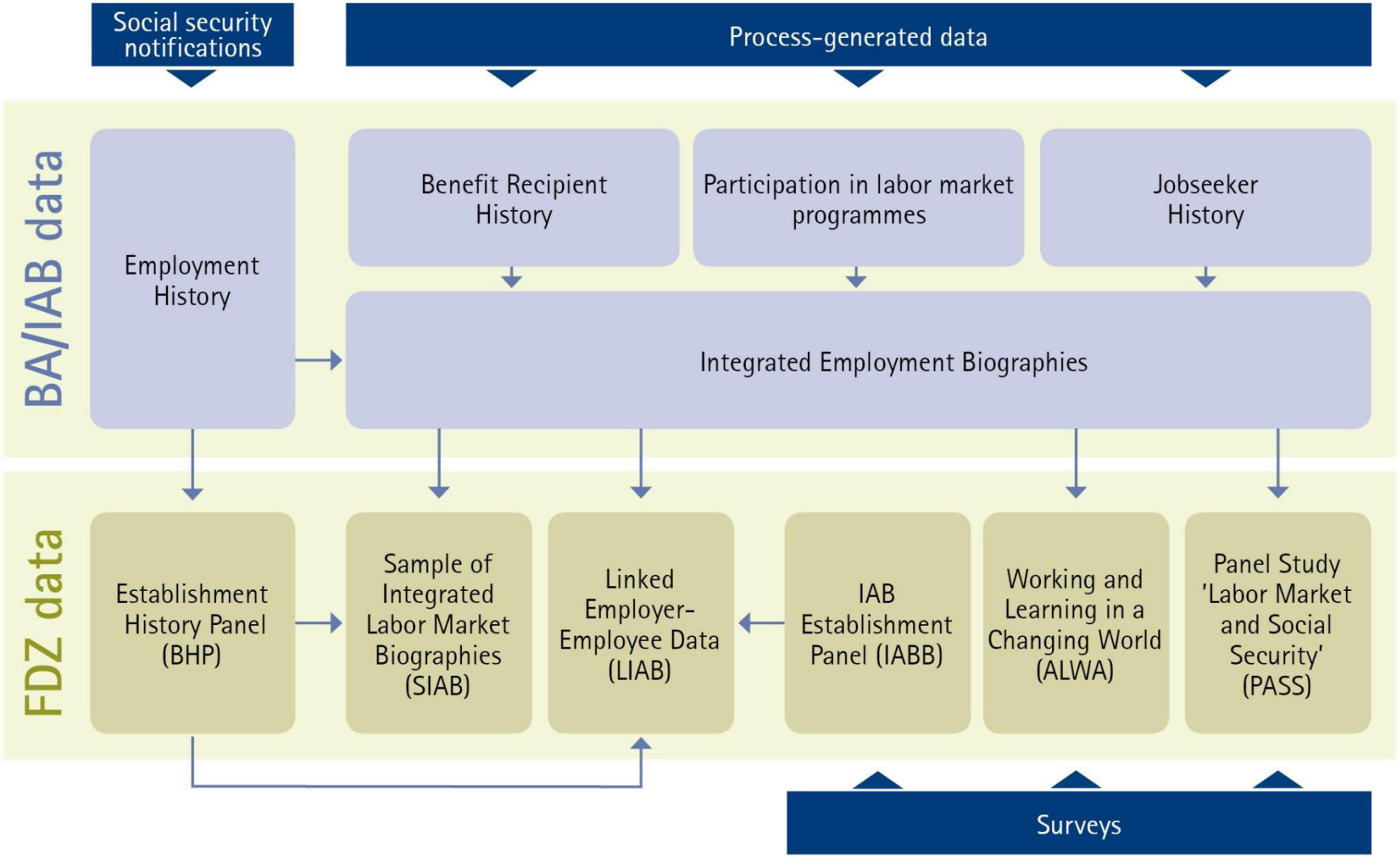
David Schiller, IAB

Dana Müller, IAB

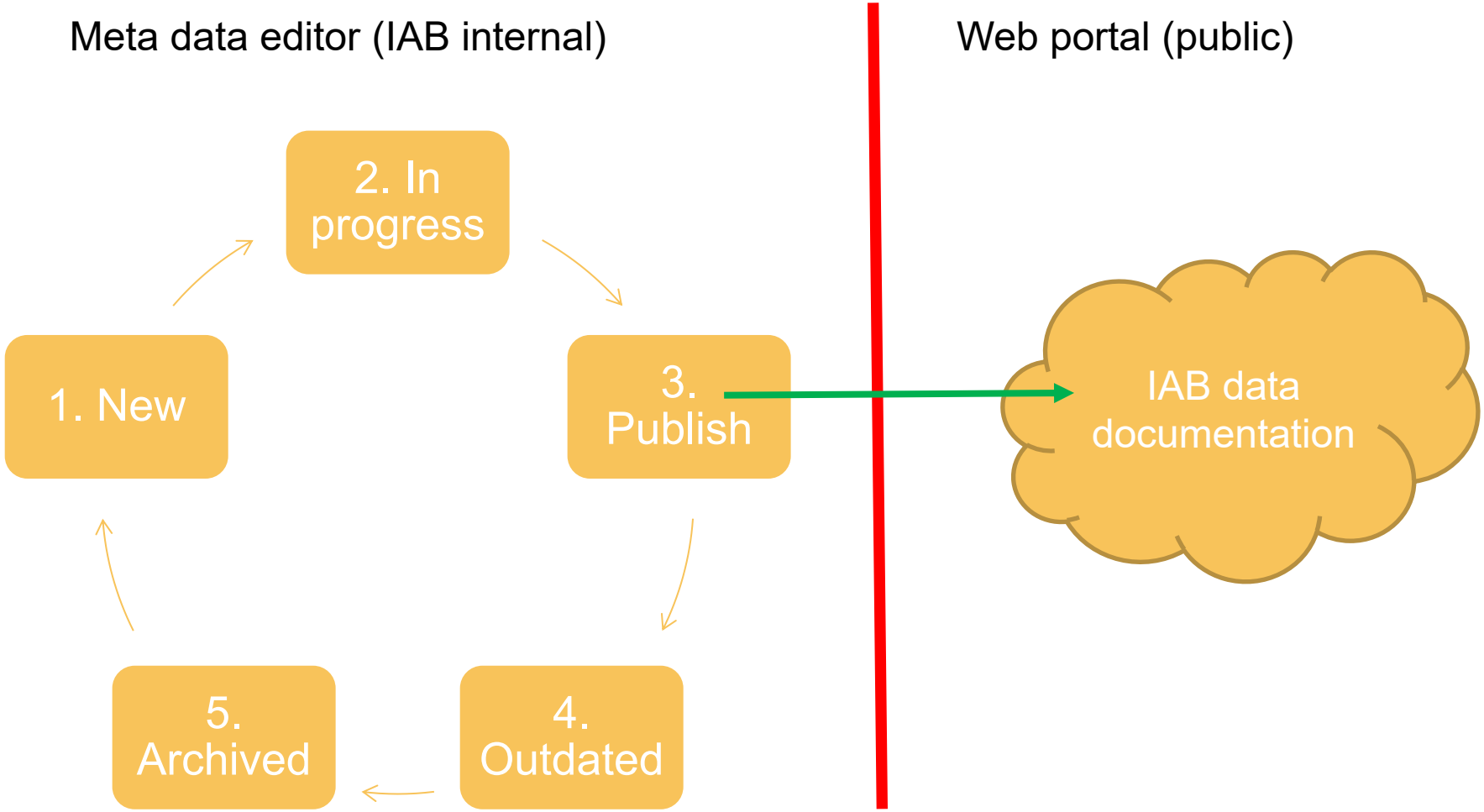
Introduction

- The Institute for Employment Research (IAB) is the research institution of the German Federal Employment Agency (BA).
- The IAB-MDP project is carried out by the Research Data Centre (FDZ) of BA at IAB and lead by Dana Müller.
- The MDP is implemented by a international consortium lead by TBA21.
- Two versions
  - Developer version at TBA21 in Hungary
  - Productive version at IAB in Germany

IAB data sources

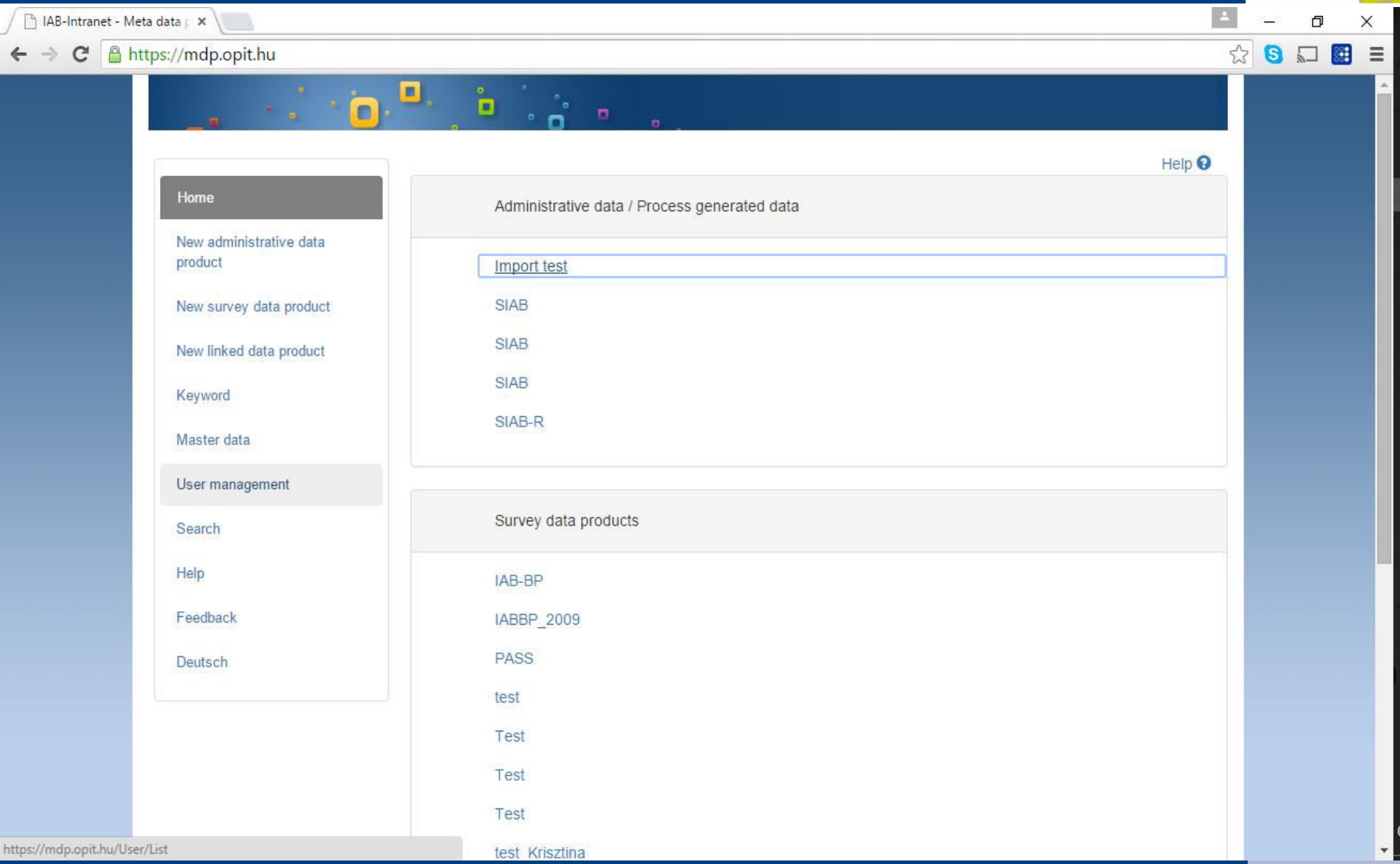


The IAB-MDP – two components



Outline of live demonstration

- Internal editor
  - Language support (English / German)
  - Accessibility (e.g. for people poor eyesight).
  - User management (different roles and departments)
  - Master Data (standard documentation texts)
  - Documentation creations process
  - Search function and keywords
- External web portal
  - Search via data products or search engine
  - Basket function for customized reports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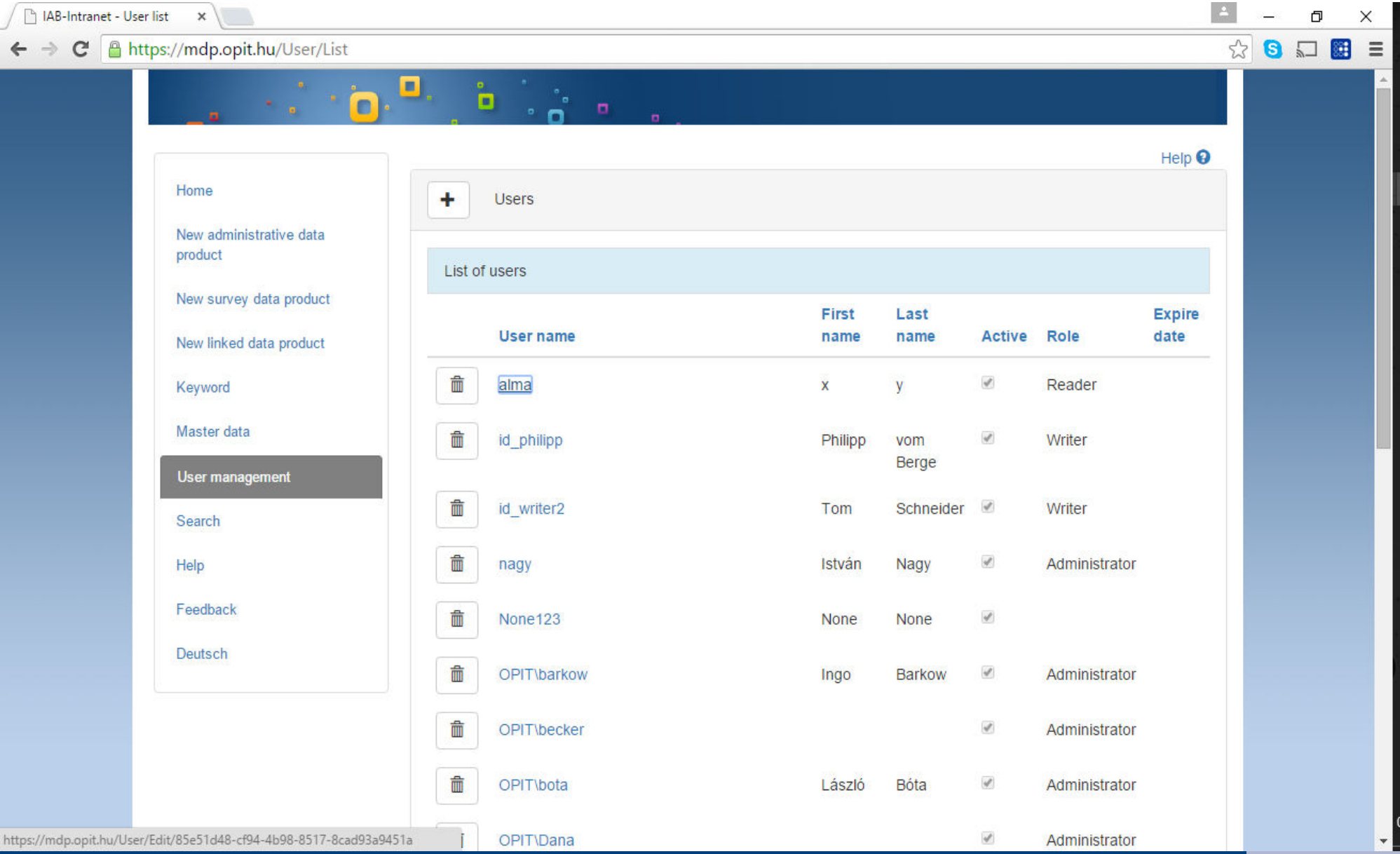
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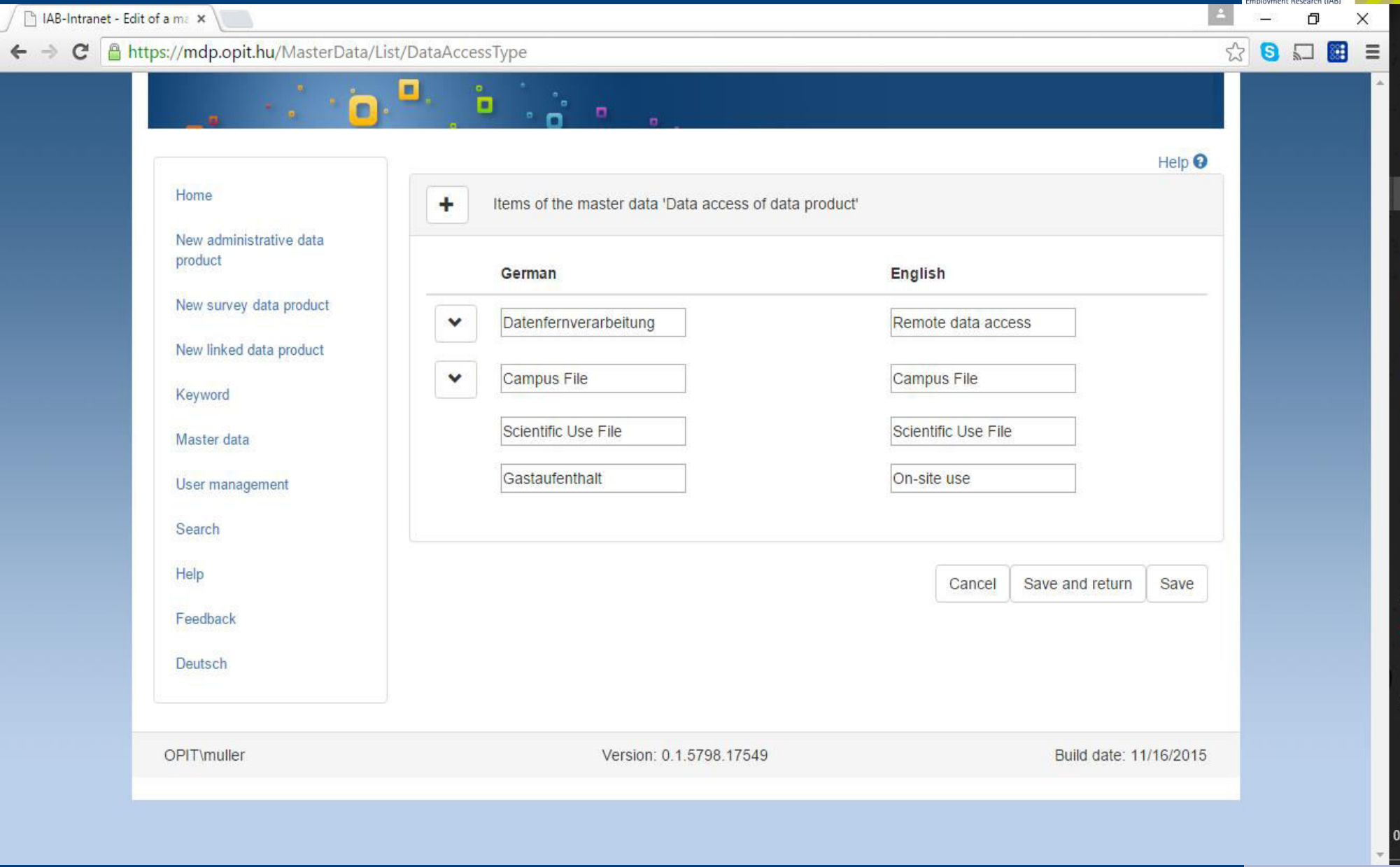
User roles within IAB

- Administrator (IT) – god father of software solution
- Administrator (FDZ) – responsible for issues related to final release of data documentation
- Administrator (Departments) – responsible for department related data documentation issues
- Editor – user responsible for creating data documentation
- Publisher – user responsible for final expectance of data documentation
- Reader – user only able to look at the documentation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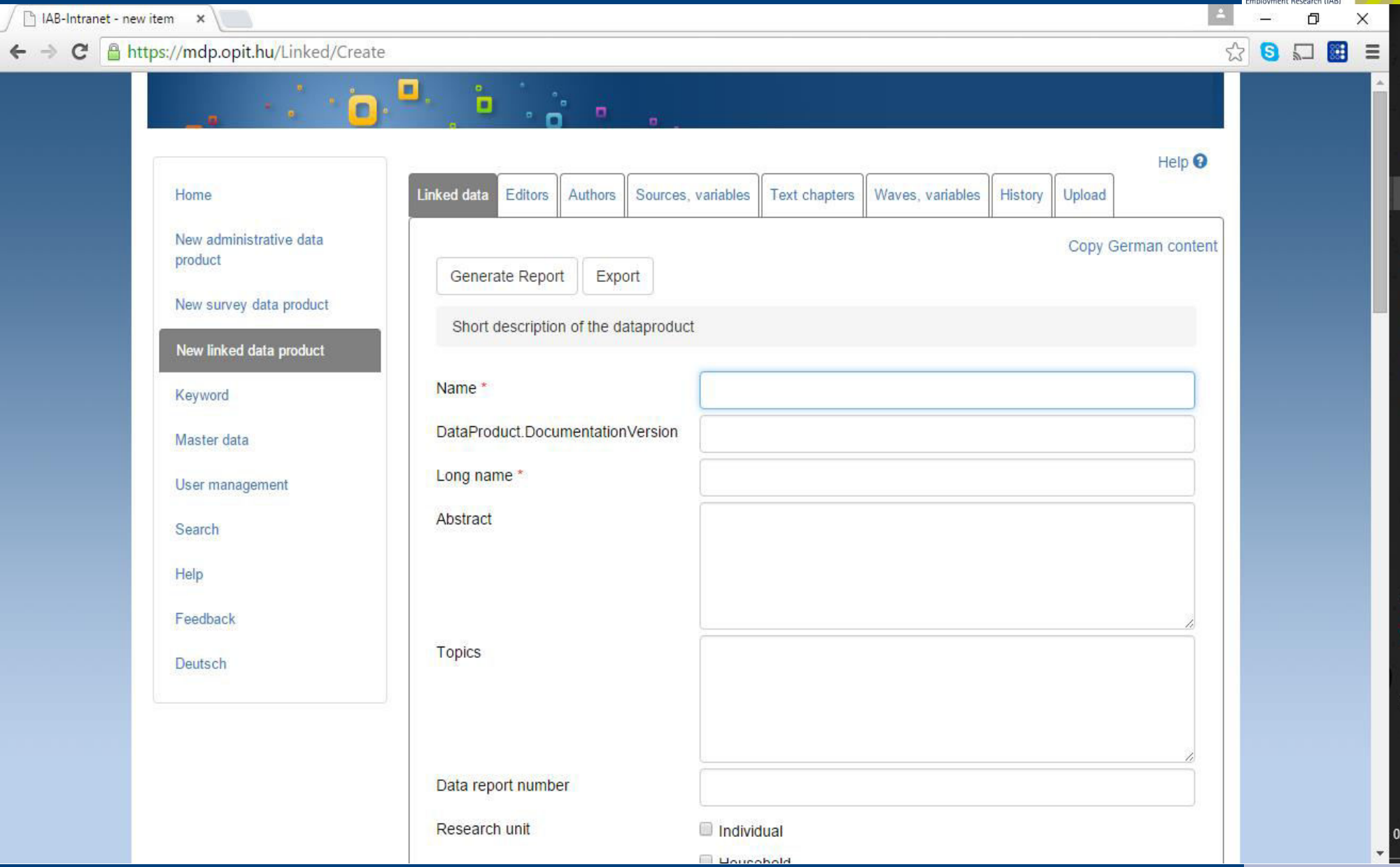
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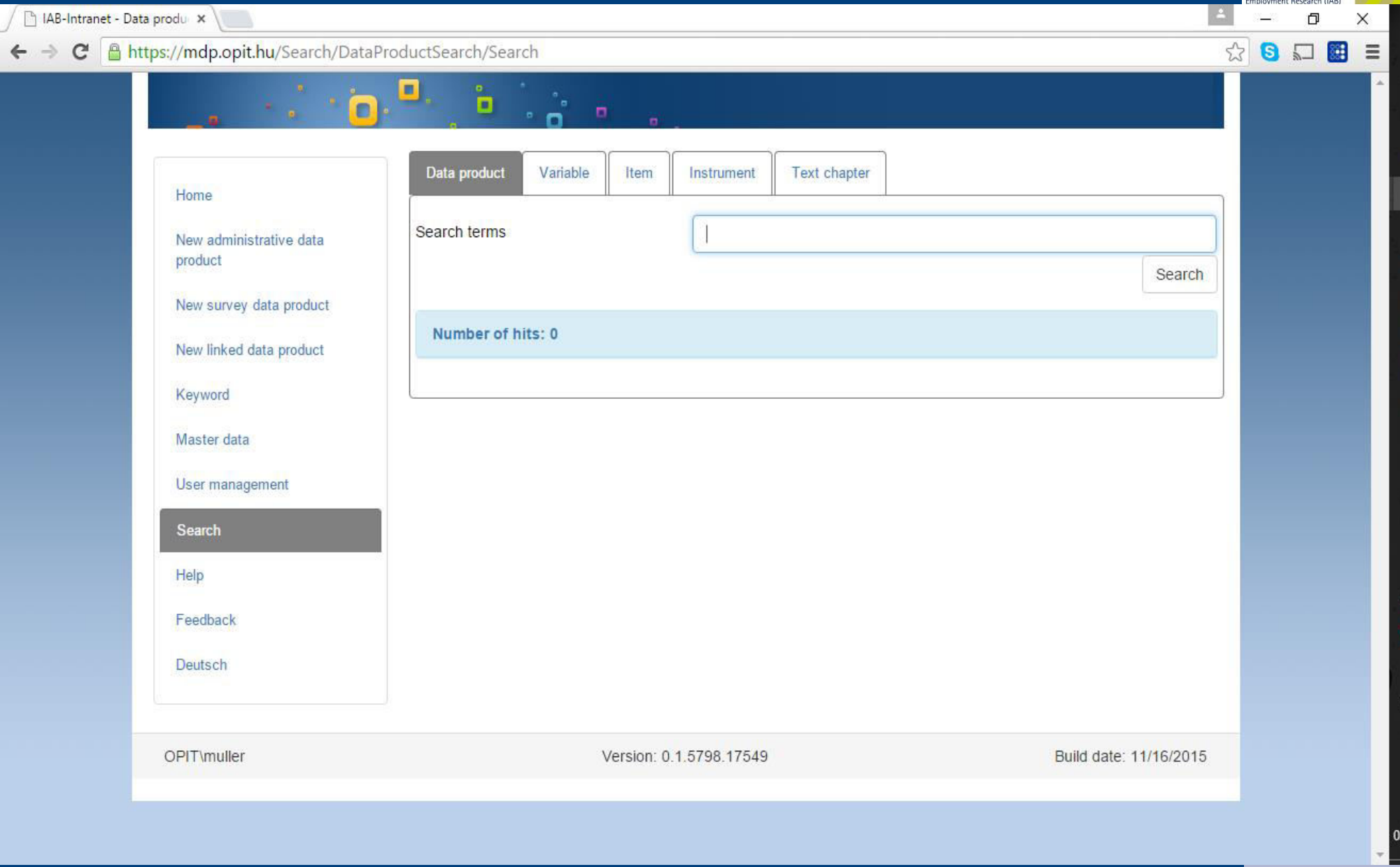
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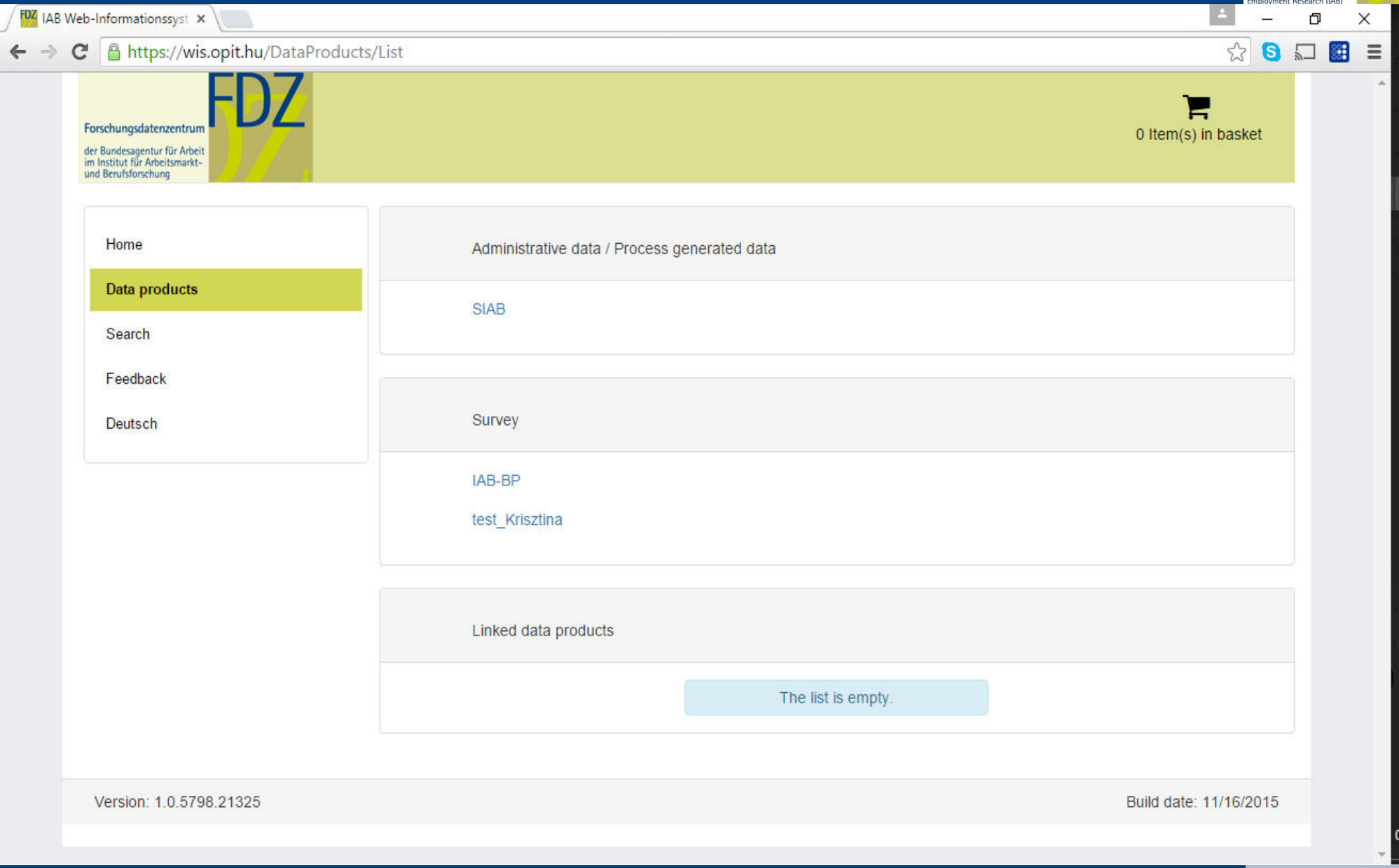
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der Bundesagentur für Arbeit im Institut für Arbeitsmarkt- und Berufsforschung
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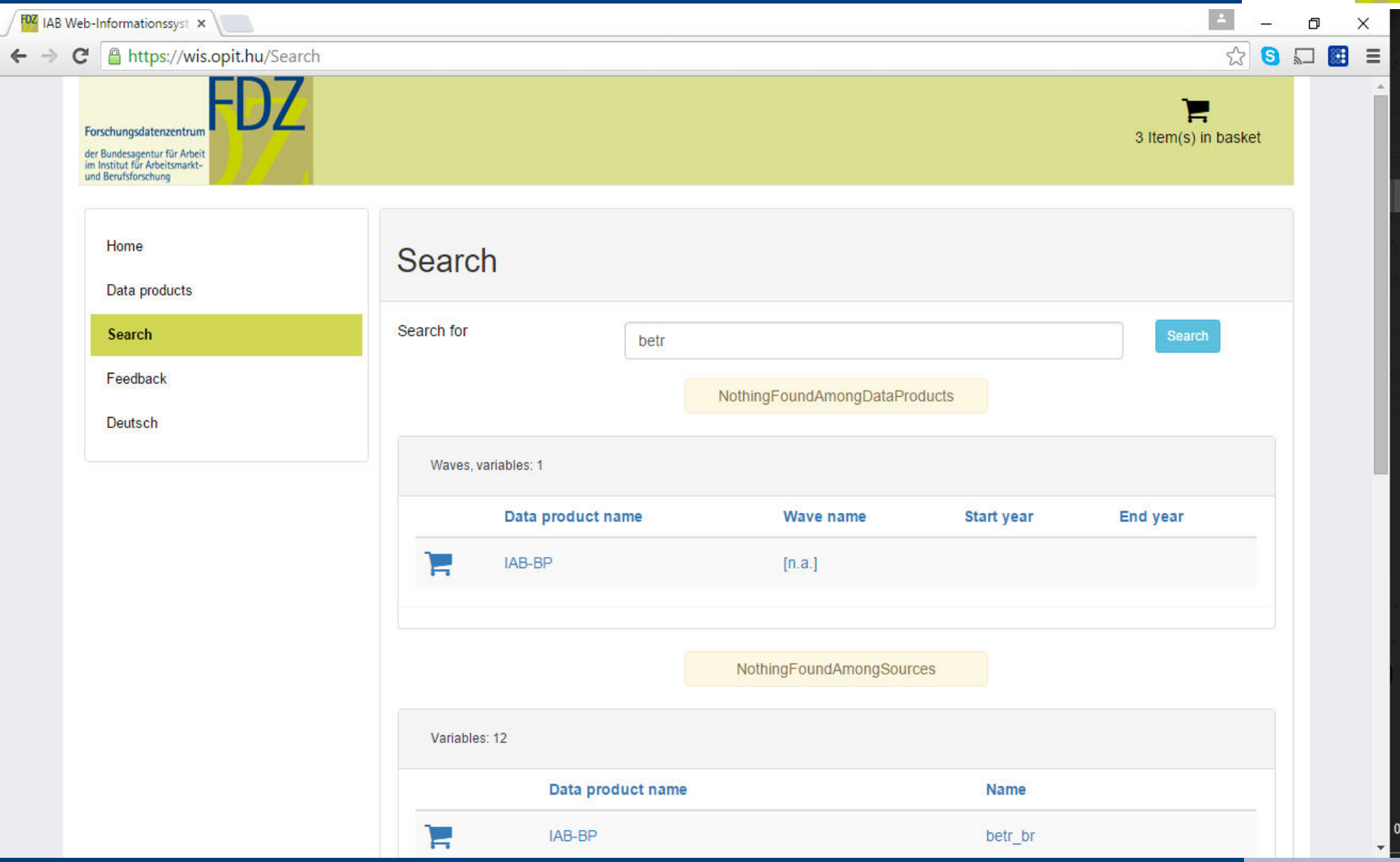
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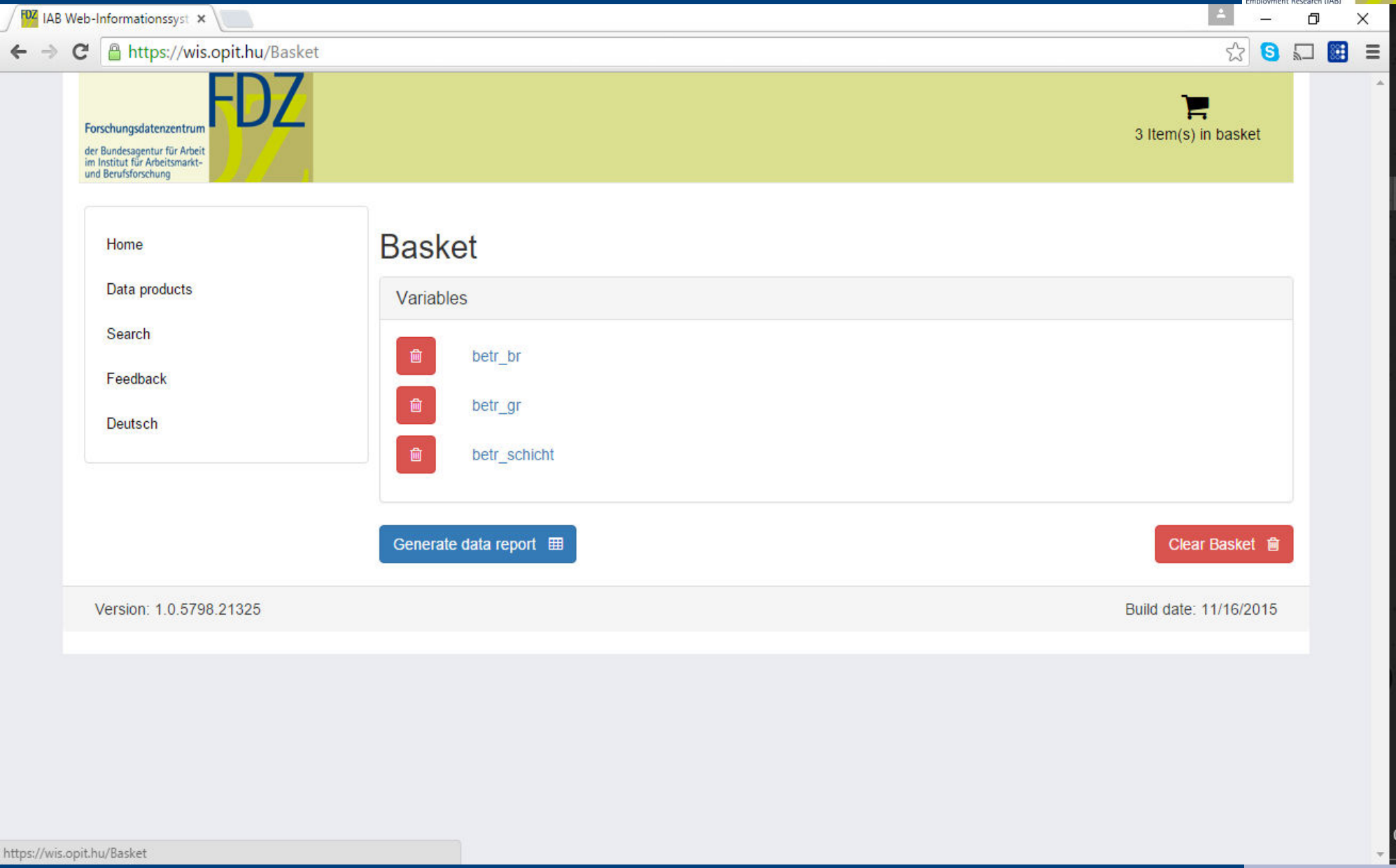
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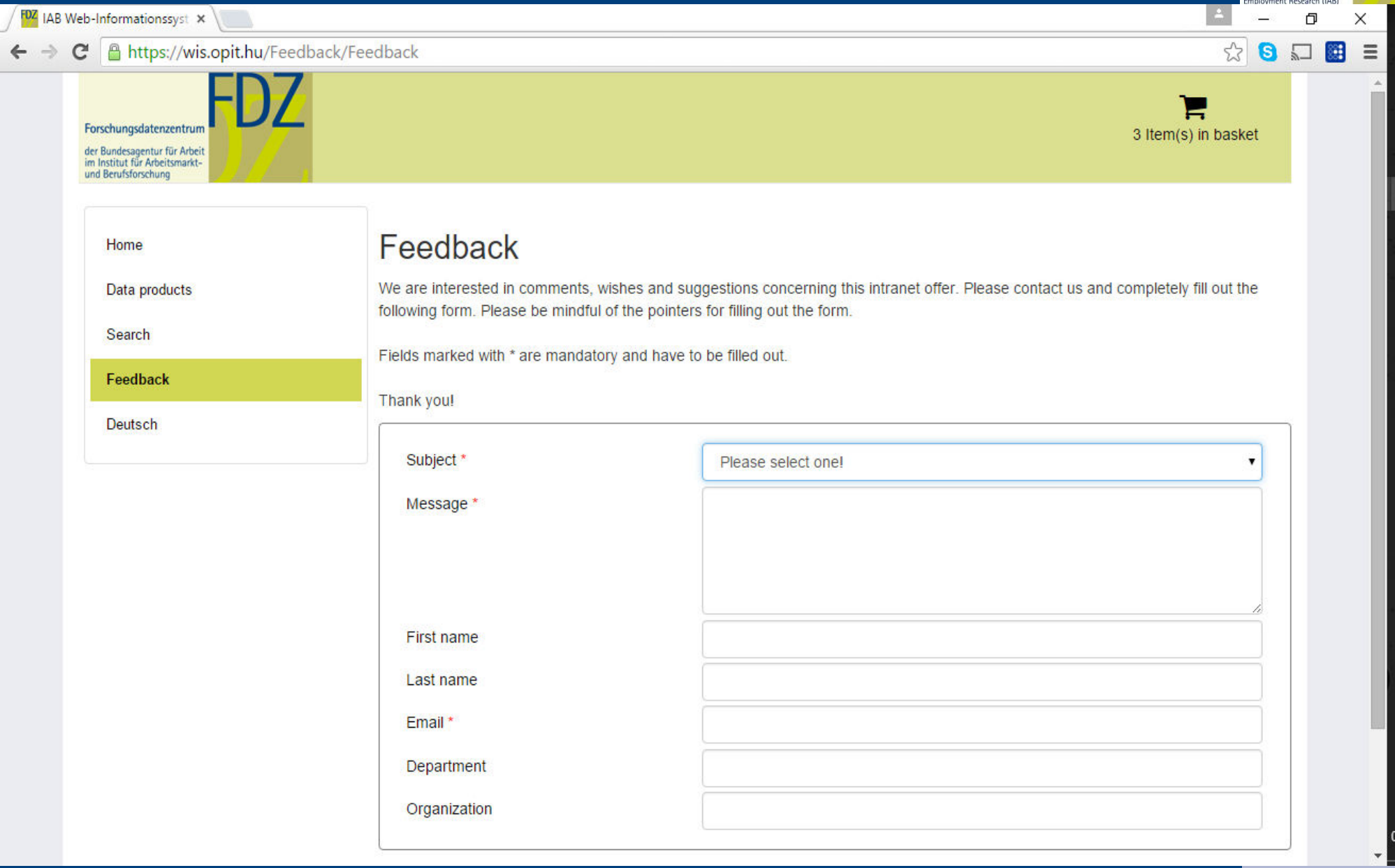
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Feedback
We are interested in comments, wishes and suggestions concerning this intranet offer. Please contact us and completely fill out the following form. Please be mindful of the pointers for filling out the form.
Fields marked with * are mandatory and have to be filled out.
Thank you!
Subject *
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First name
Last name
Email *
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Organization
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02.12.2015

Research Data Centre (FDZ)
of the German Federal
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at the Institute for
Employment Research (IAB)

Thank you for your attention

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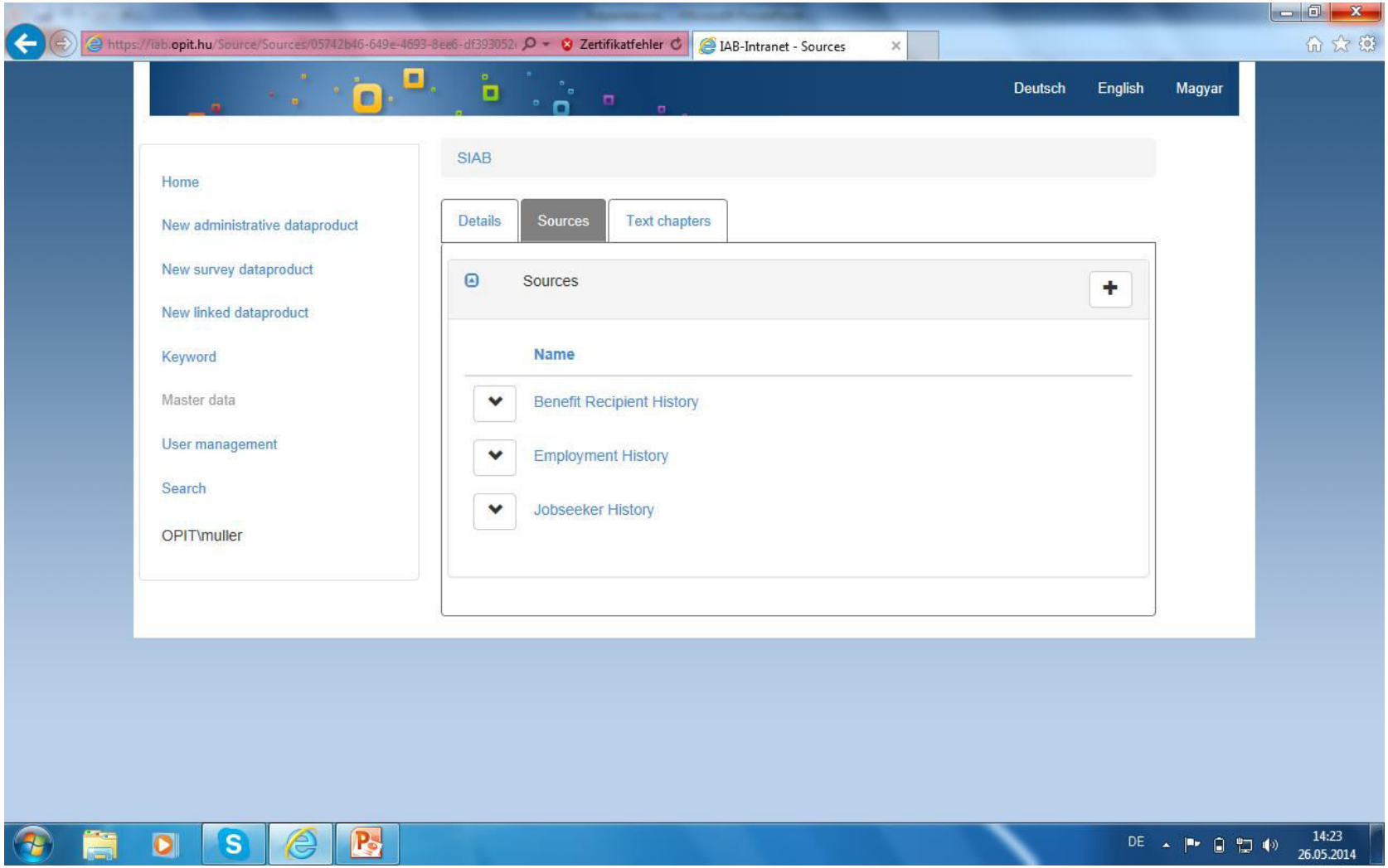
dana.mueller@iab.de

http://fdz.iab.de

Incorporation of multiple data sources



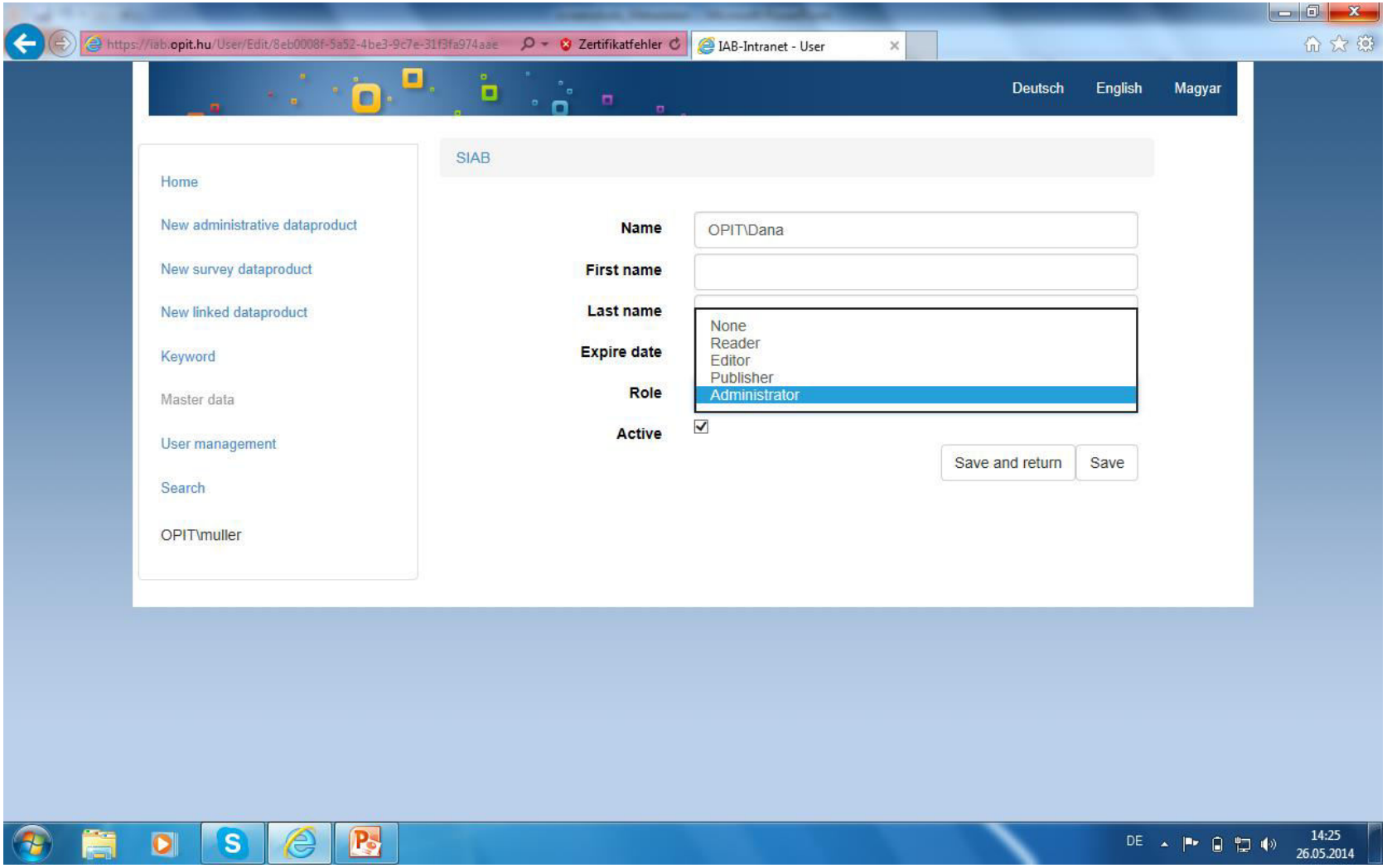
Import and support for multiple sources

- IAB cares about different data sources:
  - Existing data sets stored in Stata.
  - Data sets deriving from questionnaires.
  - Process generated data from multiple sources.
- All of them have to be incorporated in the data documentation system without running into issues of non-working interfaces.
- Solution: use of exchange standards to import information.

Structure of IAB data creation process

- A number of departments are involved:
  - ITM – extracting research data out of the data warehouse of the German Federal Employment Agency
  - Different departments (like “education and employment over the life course) – caring about survey belonging to their topic of interest
  - KEM – methods department responsible for data editing issues (weighting etc.)
  - FDZ – Research Data Centre giving access to external scientists
- Consequently: need for data documentation tool that supports the data creation process.

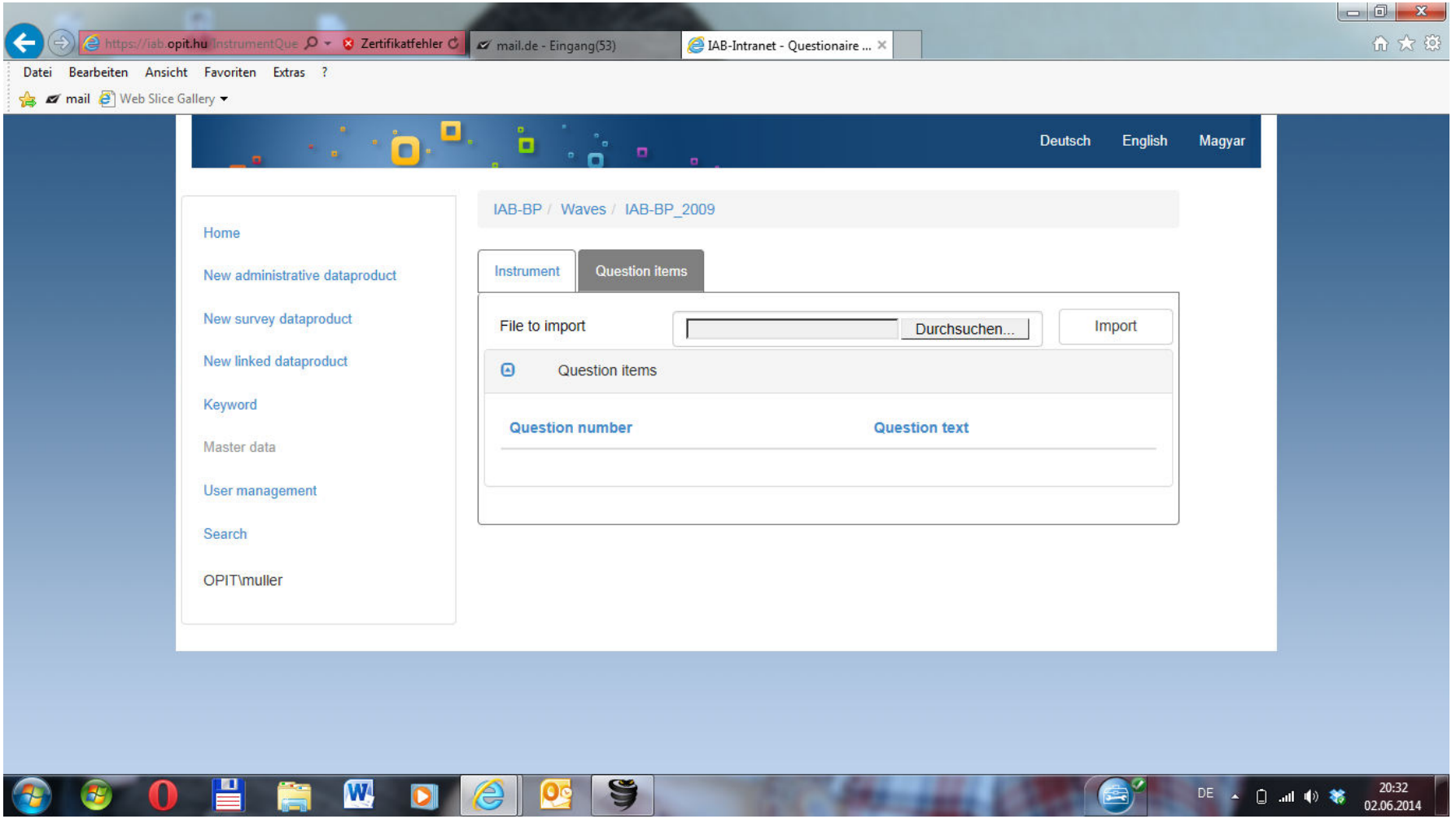
User roles management within IAB



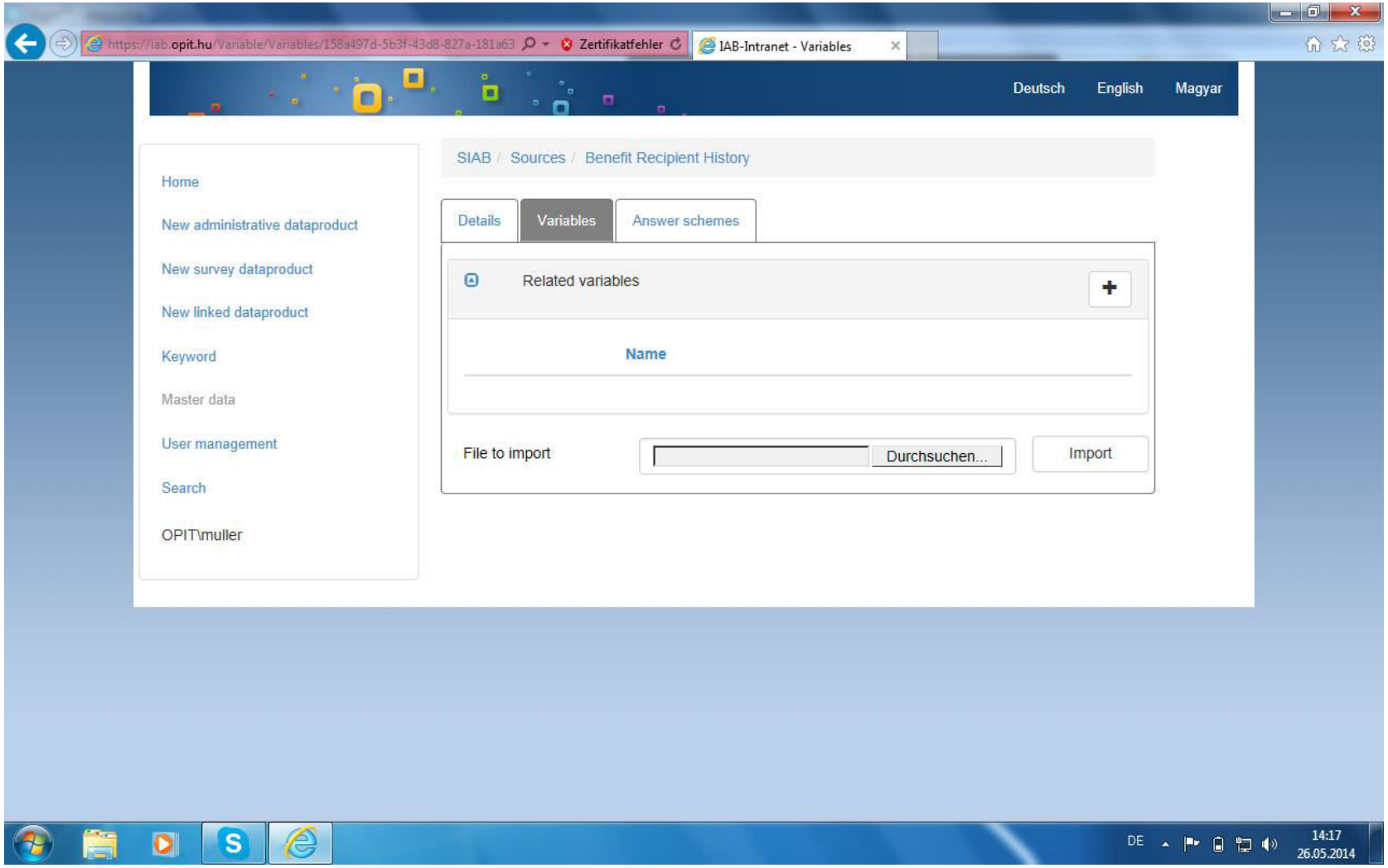
Outlook

- Software was developed at OPIT (software development company) in Budapest, Hungary.
- Complicated process of implementation into IT structures of the German Federal Employment Agency.
- Currently two equal versions in Hungary and Germany.
- Need for further testing and developing.
- Solution should go live in the 2nd half of 2015.

Import of questionnaires



The future – even more data sources

- IAB offers a powerful source of research data.
  - Information about everybody how was employed from 1975 on a daily basis.
  - Additional information coming from surveys to enrich the process generated data.
- In the future linkage with surveys not generated by IAB and with other process generated data sources (including Big Data).
- Current exchange format of choice – DDI 3.2.

Import of XML files from Stata