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Intermediate Data Structure and Converting Data into IDS

Course within the context of the LONGPOP program

Date and place: 26-28 March 2018 at IISH in Amsterdam

Teacher: Kees Mandemakers

ABSTRACT

This three-day course is meant for Early Stage Researchers (ESRs) or students in general who want to learn how to exploit their historical sources in a structured, systematic and sustainable way. Primary goal is teaching them best practices of handling historical longitudinal data by way of the Intermediate Data Structure (IDS). Secondary goal is to guide students in working with their own dataset: Converting them into the IDS structure and developing their own extraction software. Recent experiences in the use of extraction software will also be presented and discussed.

The first day the IDS will be introduced and explained; the second and third day will be focused on working with the datasets that the ESRs or students are working with including an introduction to the working of so-called extraction software. All kind of practical problems and solutions will be discussed and eventually tried out.

The course is designed for Early Stage Researchers (ESRs) within the context of the LONGPOP program, but there is room for more students. The course is free of charges, but students have to pay their own accommodation and travel. The course will be held at the International Institute of Social History in Amsterdam.

Monday 26 March

To be read beforehand:

Alter, G. & Mandemakers, K. (26-05-2014). The Intermediate Data Structure (IDS) for Longitudinal Historical Microdata, version 4. *Historical Life Course Studies*, Volume 1, 1-26.

<http://hdl.handle.net/10622/23526343-2014-0001?locatt=view:master>

09:30	Welcome with coffee
	Introduction students (who, where, why, experience databases)
09:50	Outline course programme
10:00	Best practices with Large Databases
10:30	The Intermediate Data Structure I
11:30	Coffee break
11:45	The Intermediate Data Structure II
12:15	Demo how to build IDS by way of Access Database and Query System
13:00	Lunch Break
14:00	Introduction assignment <i>Building an IDS version from a simple 'regular' dataset</i> Design of an IDS structure. Students will work with the dataset HSN_Release_2010_01_version_Cluj.mdb. First on paper, after approval of the design electronically.
15:30	Tea break
16:30	Presentation/Discussion of the designs made by the students, focusing on the problems encountered converting data into to IDS
17:30	Closure day 1

Tuesday 27 March

To be read beforehand:

Quaranta, L. (18-12-2015). Using the Intermediate Data Structure (IDS) to Construct Files for Statistical Analysis. *Historical Life Course Studies*, Volume 2, 86-107.

<http://hdl.handle.net/10622/23526343-2015-0007?locatt=view:master>

09:30	Role and function of extraction software for IDS data:
10:00	Examples of extraction software <ul style="list-style-type: none"> - Occupational Titles - Extraction software: Episode files - Extended IDS: Construction of new variables
11:30	Coffee break
11:45	Practical, building IDS with own dataset of students

13:00	Lunch break
14:00	Continuation practical
15:30	Tea break
16:30	Presentation/Discussion of the practical and theoretical problems in converting more complex datasets into IDS
17:30	Closure day 2

Wednesday 28 March

To be read beforehand:

Hedefalk, F., Harrie, L. & Svensson, P. (05-09-2014). Extending the Intermediate Data Structure (IDS) for longitudinal historical databases to include geographic data. *Historical Life Course Studies*, Volume 1, 27-46. <http://hdl.handle.net/10622/23526343-2014-0003?locatt=view:master>

09:30	Construction of extraction software revisited; GIS structures
10:30	Continuation practical 'Building IDS with own dataset'
11:30	Coffee break
11:45	Continuation practical 'Building IDS with own dataset'
13:00	Lunch break
13:30	Introduction assignment: Design of extraction software (on paper). This will be done with a research question of the students themselves.
13:45	Start assignment
15:15	Tea break
15:30	Presentation/Discussion of the designs made by students, focusing on the problems encountered converting data into to IDS
16:15	Evaluation of the course
17:00	Closure day 3