Tutorial 6
DMPTY — A Wizard for Generating
Data Management Plans
Thorsten Trippel, Claus Zinn

RDA-Deutschland-Treffen 2015
Potsdam, 25.-26.11.2015

research data sharing without barriers
rd-alliance.org
Motivation

- Collecting research data is a time-consuming task.
- While significant research results based on data are published and shared, data remains private.
- Sharing research data has many benefits, for data producers (attribution), consumers (facilitation of secondary studies), and the quality and economics of research.
- Managing research data to maximize benefits for all parties is hard.
- Funding agencies require DMPs, but little expertise in the (German?) community about their nature and coverage.
Data Management

- Digital Curation Centre: [http://www.dcc.ac.uk](http://www.dcc.ac.uk) has a good overview over policies of major UK funding organisations.
- DFG expects DMPs for SFBs.
- Swiss NSF expects that “the data collected with the aid of an SNSF grant must be made available also to other researchers for secondary research and integrated in recognised scientific data pools.”
- ETHZ has guidelines for research integrity: “research results derived from the primary data must be reproduced completely.”
- U Edinburgh has Research DM Policy: ”All new research proposals [...] must include research data management plans or protocols that explicitly address data capture, management, integrity, confidentiality, retention, sharing and publication.”
purpose: create awareness about the many different aspects that DMPs (may) need to cover
output is not a DMPTY ready to use, rather a plan that needs to be further refined and connected to the research proposal
starting point for discussion and negotiation rather than the endpoint
aspects may vary across funding agencies and communities
need to consult / cross-check with institutional requirements and FA requirements
DMPTY, our wizard, helps researchers devising DMPs and connects researchers with research data infrastructure
work done in CLARIN-D
Available at CLARIN-D website, for everybody to try

http://de.clarin.eu/de/aufbereiten/datenmanagementplan-entwickeln

And feedback most welcome!

Let’s go through the DMP wizard step-by-step…
Wizard zur Planerstellung für das Datenmanagement (experimentell)

1. PROJEKTINFORMATIONEN
2. FORSCHUNGSDATEN
3. DOKUMENTATION UND METADATA
4. ETHIK UND RECHT
5. DATENSPEICHERUNG UND BACKUP
6. DATENAUSWAHL - ORGANISATION UND - ARCHIVIERUNG
7. DATEN-SHARING
8. ZEITLICHER RAHMEN
9. BUDGET
Mirrors DCC’s DMP structure

CLARIN-D specific adaptions

- policy on preferred data formats for language-related resources
- metadata must use CMDI
- uses CLARIN licence calculator
- requires budget estimate
  - data producer
  - CLARIN-D archive
- time schedule
Discussion

- Checklist from BMBF, DFG, … would help
- at least for data-intensive research projects
- can we attach a price tag to “proper” DM
- “proper” DM requires appropriate funding
- “proper” DM requires qualified personnel
  - data scientist / data manager

Feedback to DMPTY: claus.zinn@uni-tuebingen.de