

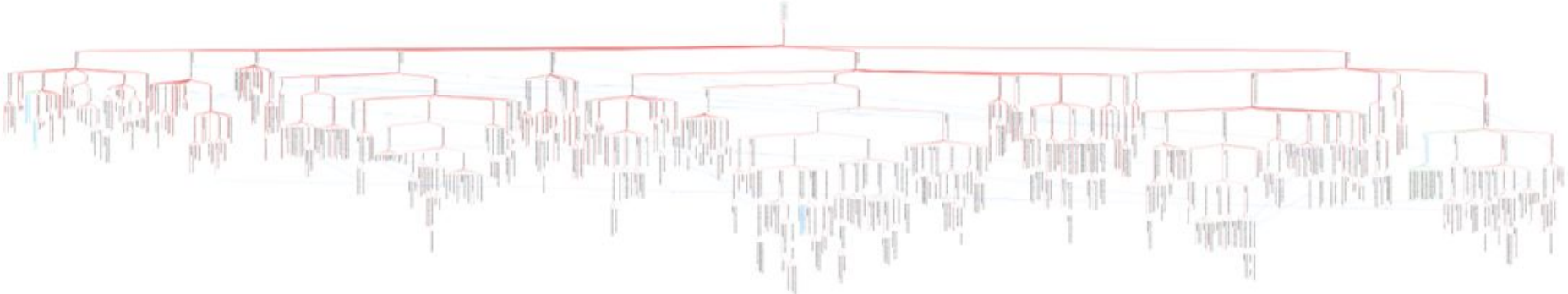
Smart Data Management Plans for FAIR Open Science

For serious researchers and data stewards

Data Stewardship Action Team



Data Stewardship Mind Map (Rob Hooft)





Keep data

Is the Risk of information loss / theft acceptable?

Analyze chance and effect size
During measurement phase
In Analysis

Do people store data on computers in the lab?
Who has access to the labs?
Who has access to those computers?

Do people have data on external hard drives?
Is there any data on USB sticks people carry?
Encrypted?

Is any data on laptops?
Are they encrypted?
Is the laptop password protected?

Are researchers using cloud accounts?
Consider encryption

Are reports sent over e-mail?
Consider encryption

Do people share accounts?

Do the data centers where data is stored have Certifications?
Security for hosting

Are all internal web services used via https?

Did you run pilots to see what the capacity

2.3 How will you be storing Metadata?

2.3.1 Did you consider Re-usability of your data beyond your original purpose?

2.3.1.1 How do you balance how much meta-information you need to store for yourself, versus how much would be useful for others.

2.3.1.2 Do you need to exchange your data with others?

(del) Why: data corruption or mistakes can happen with large amounts of files or large files.

2.3.2 Did you consider how to monitor data Integrity?

(del) How: Keep a "true sample" master list (G M1)

(del) How: Keep data checksum in the master list (G M3)

(del) How: Keep sample list under version control (G M2)

2.3.3 Will you store licenses with the data?

(del) Completely open if possible

(del) License must be computer readable

(del) Choice of license: there should be very few clauses

Who is the Wizard for

- Researchers
 - Support in DS Planning
- Data Stewards, Funders
 - Custom, Domain Specific