


Context:

At the 2023 yearly meeting of Landelijk Coördinatiepunt Research Data Management (LCRDM) first Valentijn Gilissen, Senior Data Manager, Preservation Officer, Data Steward, Data Archiving and Networked Services (DANS, KNAW) presented about mostly technical challenges on file formats, after which I was invited to continue on the unruly behaviour of researchers and their surroundings ...

Memorable conversations

I () had over the years,
with researchers and surroundings,

suggesting many people could use a
more people- and data-centric view,
less application-centric.

And some suggestions to help that.

[sheet explanations](#)

X doesn't work

 What browser ?

Eh ...

 Top left a blue e ?

Colleagues use different apps



File type in common ?

File what ?

...

 How's your data structured ?

With colors.

Can't find so-called CSV file



Same name with Excel icon ?

Ah

Archive says files wrong



See me tomorrow

Starting new job then

Can you convert these MP4s ?

 Maybe. It's video, not MP4

Typing same again, waiting forever, repeat

 No API to automate with ?

What ?

Got SPSS files. Where's SPSS ?

 Can hunt it down. Seen R ?

No. Difficult ?

 I can help

We don't have Rstudio they say

 They list contracts only

FAIR's interoperability seems infinite

 Interop layered yes, start debugging

what's this 'open standard' ?



Lengthy doc specifying truth

File not valid ? Works For Me

 For now. Validate !

...

 Can I find a list of all data ?

Here's our application landscape image

 Heard of [Data-Centric Manifesto](#) ?

As Linked Data, quality issues would show

 Sounds like an opportunity

Metadata for science,
but what's MY advantage NOW ?

 Well, ...

CONCLUSION:

People not dumb,
but smart (trying) to focus elsewhere

Let's allow them a hyper-focused flow

USUAL 👍 :

- 1-stop shop
- Prevent over cure
- DMPs and DataStewards 👍 👍
- [Carpentries](#), to speak common concepts
- e-Notebooks for team science value
(see next sheet: “**Rock Paper Science-Notebooks**”)

IGNORING THE HYPER-CONNECTED DATA-DRIVEN INTERACTIVITY OF THE WEB



[3 minute video, DCC - Praktijkgericht Onderzoek](#)

UNHASSLE more !

- ambient findability:
find just before search
- power & top usability
 - **4 suggestions** next

fairly:

Git-like connection to data-repo's

github.com/ITC-CRIB/fairly

4TU.

Enrich ANY list of files, in ANY tool with

format: open? Preferred? Valid file? icon

PREF	ICON	NAME	DEVICE
OPEN: SPEC: 0	VALID HTML 5	myDoc	WEBAPP
0	CSS 3	myStyle	
0	TEXT	text	INSTITUTE
0	CSV	table	OPEN SOURCE
0	md	MarkDown	
C F	ai		

Open With:

- on device: a, b, c, d
- web(app): e, f, g, h
- institute/SURF: i, j, k, l
- OS site: m, n, o, p

A data view on (open-ended-by-design) **‘software lists’**:

	ORCID	Mendeley	Zotero	Rstudio	DANS
Path/URL					
File types					
Vocab's					
API					
Backup					
Open source					
SUPPORTx					

graphs: networks of (meta)data

FAIR

[LOD-cloud](#) / LOV

OpenAlex: works, authors, sources, institutions, **concepts**, publishers, and funders.

serendipity.

Please help sharpen thoughts and tools.

Thanks,

Ruud Steltenpool, hogeschool Saxion

r.g.steltenpool@s.....nl