#### 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 ...

Strate Top left a blue e?

## Colleagues use different apps

File type in common?

File what?

- - -

Begin 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?

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 <u>Data-Centric Manifesto</u>?

## 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 6:

- 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

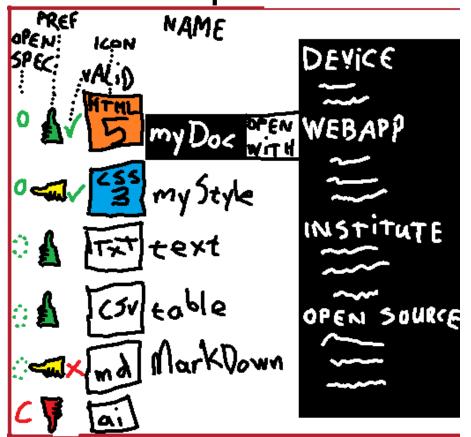
## fairly:

Git-like connection to data-repo's <a href="mailto:github.com/ITC-CRIB/fairly">github.com/ITC-CRIB/fairly</a>

4TU.

### Enrich ANY list of files, in ANY tool with

format: open? Preferred? Valid file? icon



## **Open With:**

- on device: a, b, c, d
- web(app): e, f, g, h
- institute/SURF: i, j, k, I
- 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,

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