Author Carpentry: Course Summary

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Author Carpentry

- Welcome back! What do you remember?

- Have you thought more about Author Carpentry?
  - Starting a research project?
  - Preparing your publications?
  - Searching for the right journal?
  - During a peer review process?

Materials available at: https://bit.ly/CODATA-RDA-AC and https://authorcarpentry.github.io/.

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Summary

Topics some schools have discussed:

- ORCiD
- Reproducible Reporting
- DOIs and repositories (articles, data, others)
- Recommended tools
- CC licensing

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ORCiD

What is ORCiD?

https://vimeo.com/97150912

You do not have an ORCiD? Let's do it:
https://authorcarpentry.github.io/orcid-profile/00-orcid-profile.html

https://authorcarpentry.github.io/orcid-profile/01-adding-works.html

Reproducible Reporting

- Great way to create efficient research workflows
- Myriad of tools available: Jupyter Notebooks, Rmarkdown, Markdown, etc.
- You don't have a favorite yet? Try Rmarkdown:
  https://rmarkdown.rstudio.com/lesson-1.html
- You don't know how to use it yet? Practice :)
  https://authorcarpentry.github.io/executable-documents-rstudio/
- Recommended: *A toolkit for data transparency takes shape.* And:
 https://ropensci.org/, http://jupyter.org/

DOIs and repositories

- Digital Object Identifiers (DOIs) are unique names assigned to information resources that are represented in some way on the Internet.
- A DOI is considered a persistent identifier because it reliably resolves to a human- and machine-readable landing page representing the information resource.
  - The DOI itself is not a guarantee that the dataset or paper is available via Open Access, or of its quality. Information resources that are assigned DOIs tend to be of enduring value; are likely to be used and cited by others; and are maintained by a publisher or other information provider who is committed to curating and preserving the resource over time.
  - https://authorcarpentry.github.io/dois-citation-data/00-intro-dois.html

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Recommended tools

- We need tools that are appropriate for our context, area of expertise and that are suitable for collaboration.
- What are your options? Many! Here is a list of recommended tools:

You can make your workflow more open by ...
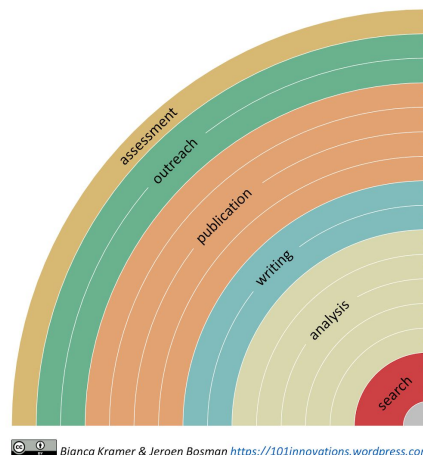
adding alternative evaluation, e.g. with altmetrics
communicating through social media, e.g. Twitter
sharing posters & presentations, e.g. at FigShare
using open licenses, e.g. CC0 or CC-BY
publishing open access, 'green' or 'gold'
using open peer review, e.g. at journals or PubPeer
sharing preprints, e.g. at OSF, arXiv or bioRxiv
using actionable formats, e.g. with Jupyter or CoCalc
open XML-drafting, e.g. at Overleaf or Authorea
sharing protocols & workfl., e.g. at Protocols.io
sharing notebooks, e.g. at OpenNotebookScience
sharing code, e.g. at GitHub with GNU/MIT license
sharing data, e.g. at Dryad, Zenodo or Dataverse
pre-registering, e.g. at OSF or AsPredicted
commenting openly, e.g. with Hypothes.is
using shared reference libraries, e.g. with Zotero
sharing (grant) proposals, e.g. at RIO

Bianca Kramer & Jeroen Bosman https://101innovations.wordpress.com

DOI: 10.5281/zenodo.1147025

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Curriculum on Responsible Authorship & Publishing

Author Carpentry

https://authorcarpentry.github.io

Manoeuvring safely through the

JUNGLE

DOAJ — DIRECTORY OF OPEN ACCESS JOURNALS

Google Scholar · Science Direct · MENDELEY · R

Start here! → **Idea** → **Literature Search** → **Manage References** → **Conduct Analysis** → **Record Results**

re3data.org — REGISTRY OF RESEARCH DATA REPOSITORIES

SCREENED BY iThenticate — Professional Plagiarism Prevention · turnitin · rmarkdown · LaTeX · labarchives Research Notebook

Summarise Findings

Manage Licences · **Deposit Supplements** · **Manage Reputation** · **Compose submission** · **Select mode of Dissemination**

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I AM MORE than my H-INDEX

ResearchGate

Based upon *It's an Author's Game* by G. Clement.

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- Which ones do you know? Which ones have you used for your work? https://creativecommons.org/licenses/

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Thank you!
You can find me on Twitter: @Fichulina

CODATA-RDA Data Science School