

# Data Citation with Virtual Collections

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SSHOC Data Citation workshop

15 June 2021

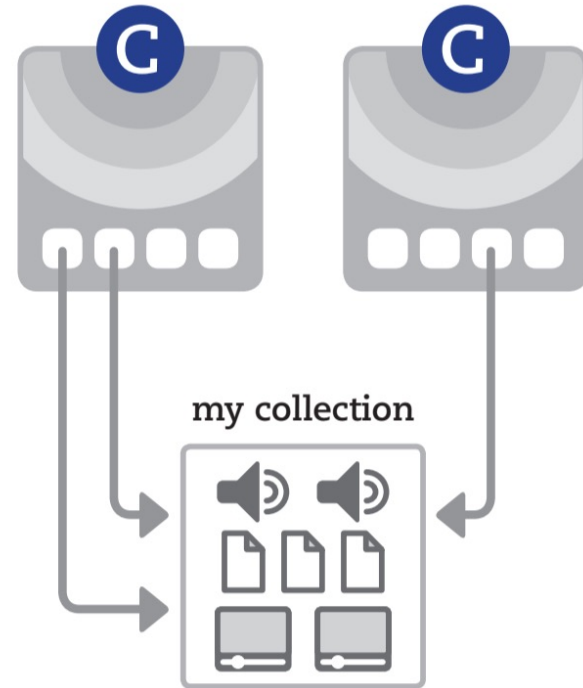


# CLARIN?

- **C**ommon **L**anguage **R**esources and Technology **I**nfrastructure
- **ESFRI** ERIC status since 2012, Landmark since 2016
- that provides easy and sustainable access for scholars in the **humanities and social sciences** and beyond
  - to **digital language data**
    - in written, spoken, video or multimodal form
  - to **advanced tools**
    - to discover, explore, exploit, annotate, analyse or combine them, wherever they are located
- through a **single sign-on** online environment

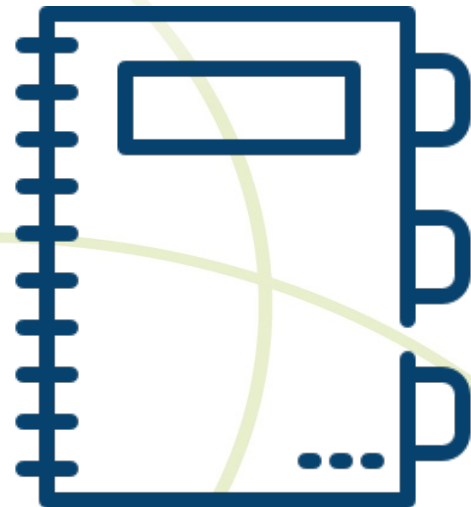
# Introducing Virtual Collections

- A virtual collection is a coherent **set of links** to digital objects (e.g. annotated text, video) that can be:
  - Easily **created**
  - Easily **accessed**
  - Easily **cited**
- Links can originate from different archives, hence the term virtual
- A virtual collection is suitable for manual access as well as automated processing



# Virtual Collection Registry – [collections.clarin.eu](https://collections.clarin.eu)

- Service from CLARIN to register and publish virtual collections
  - Receive a Persistent Identifier (handle or DOI)
  - Metadata available via the [Virtual Language Observatory](#)
  - Coming soon:
    - automatic link checking with reporting
    - easy ways to process the linked data entries



# Virtual Collection – example 1

- *Absolute spatial deixis and proto-toponyms in Kata Kolok*
  - <http://hdl.handle.net/11372/VC-1001>
- Illustration of a bundle of digital resources that are linked from an article as supplementary material
  - 5 videos
  - 1 PDF with the article

# Virtual Collection – example 2

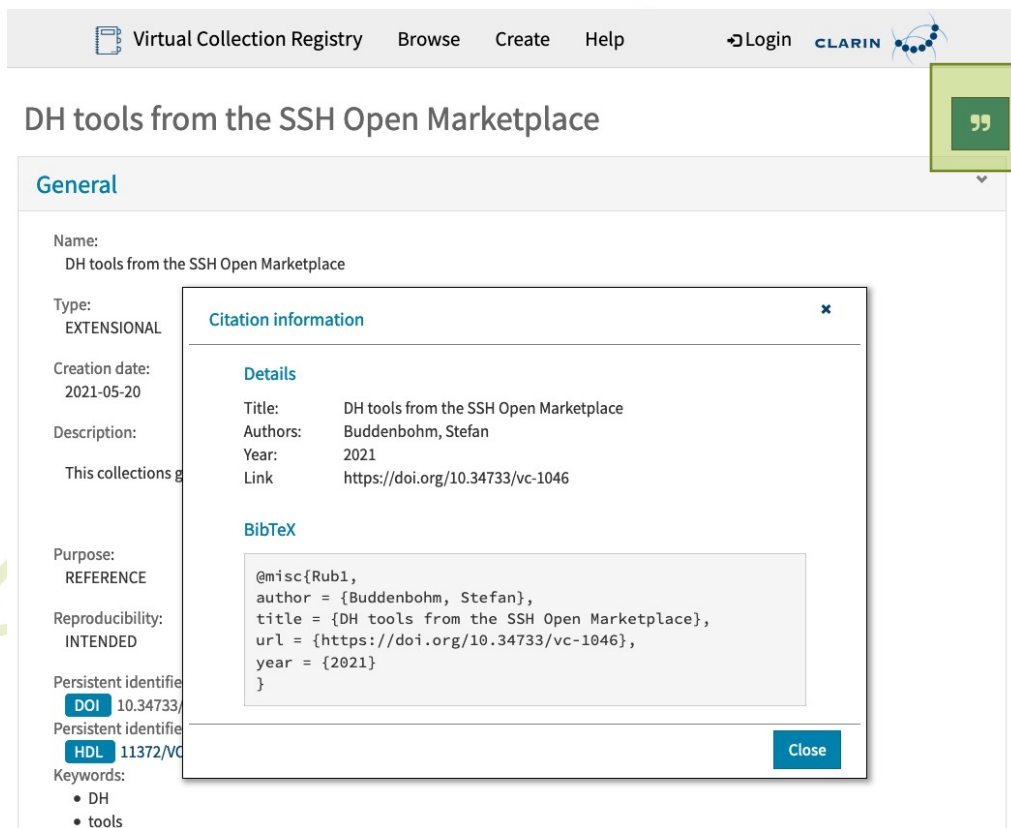
- *PubMed references to articles on "face mask" and "influenza" as of May 2020:*
  - <http://hdl.handle.net/11372/1030>
- This illustrates that services from SSHOC (such as the VCR) can be more broadly applied, e.g. to provide human and machine accessible snapshots of the results of a query at a certain point of time
  - 145 links to a pubmed landing page
  - In some cases, articles (text) can also be seen as data
    - E.g. for text mining

# Virtual Collection – example 3

- *SSHOC Webinar: CLARIN Hands-on Tutorial on Transcribing Interview Data:*
  - <http://hdl.handle.net/11372/1033>
- A very small collection with several non-repository links:
  - Web page
  - Youtube movie
  - Presentation link [PDF in Zenodo]

# How to cite a Virtual Collection – option 1

- Use the cite button



The screenshot shows the 'Virtual Collection Registry' interface. The main header includes 'Virtual Collection Registry', 'Browse', 'Create', 'Help', 'Login', and the 'CLARIN' logo. The page title is 'DH tools from the SSH Open Marketplace'. A green box highlights a quote icon in the top right corner. The 'General' section displays the following information:

- Name: DH tools from the SSH Open Marketplace
- Type: EXTENSIONAL
- Creation date: 2021-05-20
- Description: This collections g
- Purpose: REFERENCE
- Reproducibility: INTENDED
- Persistent identifier: DOI 10.34733/
- Persistent identifier: HDL 11372/VC
- Keywords: DH, tools

A 'Citation information' dialog box is open, showing the following details:

- Title: DH tools from the SSH Open Marketplace
- Authors: Buddenbohm, Stefan
- Year: 2021
- Link: <https://doi.org/10.34733/vc-1046>

The dialog box also displays BibTeX information:

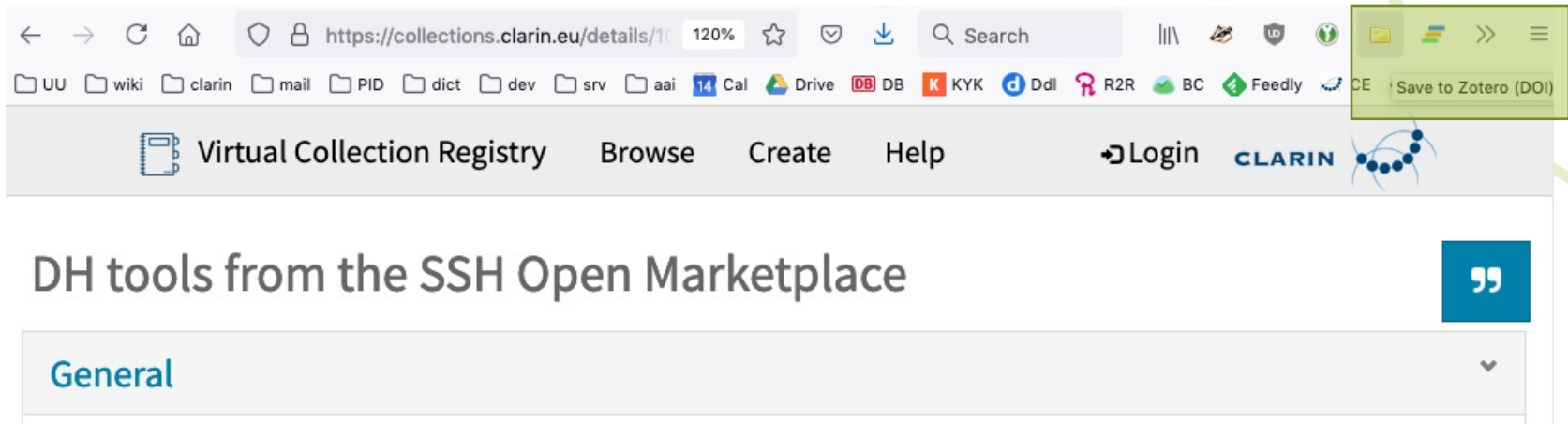
```
@misc{Rub1,  
  author = {Buddenbohm, Stefan},  
  title = {DH tools from the SSH Open Marketplace},  
  url = {https://doi.org/10.34733/vc-1046},  
  year = {2021}  
}
```

A 'Close' button is located at the bottom right of the dialog box.



# How to cite a Virtual Collection – option 2

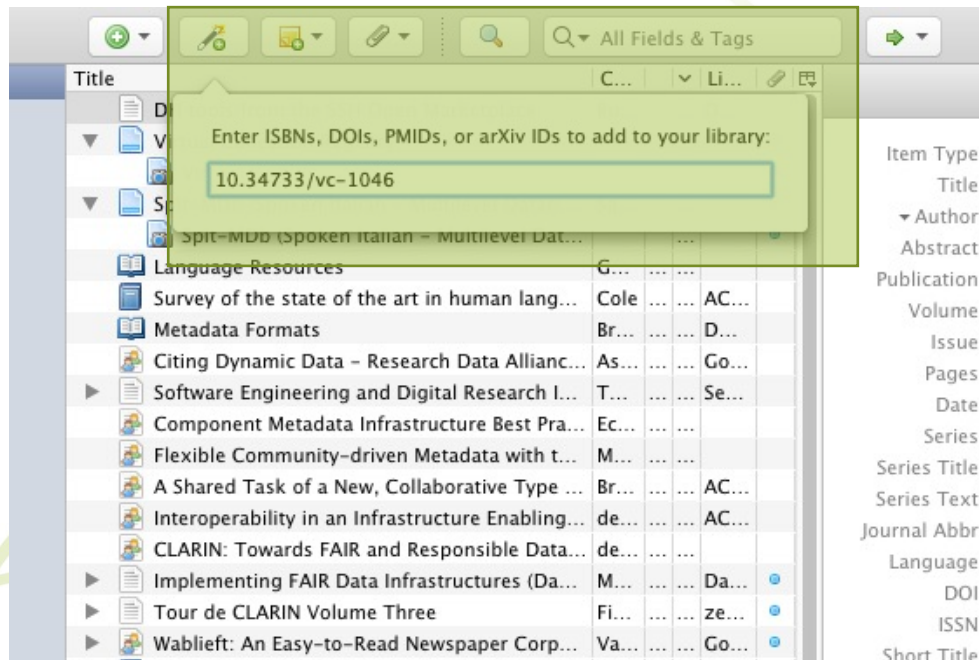
- Use the browser plugin of your reference manager (Zotero, Mendeley, Endnote, etc)



The screenshot shows a web browser window with the address bar displaying <https://collections.clarin.eu/details/10>. The page title is "Virtual Collection Registry". The navigation menu includes "Browse", "Create", and "Help". The main content area displays the title "DH tools from the SSH Open Marketplace" and a "General" tab. A green box highlights the "Save to Zotero (DOI)" button in the browser's toolbar.

# How to cite a Virtual Collection – option 3

- Use the DOI lookup of your reference manager



# Thank you for your attention!

- More information at:
  - [www.clarin.eu/content/virtual-collections](http://www.clarin.eu/content/virtual-collections)
- More questions? Contact us at [vcr@clarin.eu](mailto:vcr@clarin.eu)