Data citations at LINDAT/CLARIAH-CZ

Make data easy to cite.

How to do it?

How to find those citations?

Pavel Straňák
Charles University

SSHOC Workshop: Data Citation in Practice

Date: June 15 2021
Time: 13:30–15:00 CEST
Venue: online

This project is funded from the EU Horizon 2020 Research and Innovation Programme (2014-2020) under Grant Agreement No. 823782

Stable, unchanging data with a stable reference

- solution: Repository with a PID
- our solution: lindat.cz/repository
  - https://lindat.cz/faq-repository#what-is-deposit-procedure
  - Fill a form, drag&drop data, submit 🥳
  - data gets a PID that makes a URL
  - URL always leads to the metadata, information about data
  - Stable: once published it stays that way (except typos)
  - Versioned: changes → new version, new PID and new citation

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The repository

- we use CLARIN-DSpace
  - https://github.com/ufal/clarin-dspace/
  - DSpace is very popular “out-of-the-box” repository system
  - set-up and extended to serve data nicely
- deployed at about 10 CLARIN centres + a few more places
- aimed at ease of use and maintainance
- user perspective: provide safety, visibility and promote citations

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Item submission

Basic Info (✓) — 2. Who's involved — Describe (✓) — Upload (✓) — License (✓) — Note (✓) — Review (✓) — 8. Complete

People and organizations involved

Authors

Last name, *e.g. Smith*

First name(s) + "Jr", *e.g. Donald Jr*

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Enter the names of the authors of this item. Start typing the author's last name and use autocomplete form that will appear if applicable. End your input by pressing ESC if you don't want to use the preselected value.

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Please enter the full path of the file on your computer corresponding to your item. If you click "Browse...", a new window will allow you to select the file from your computer.

When uploading language resources, please try to use one of the recommended formats mentioned in LRT Standards

Uploading **files larger than** requires special handling. Please contact Help Desk about how to upload these files. Thank you for your understanding.

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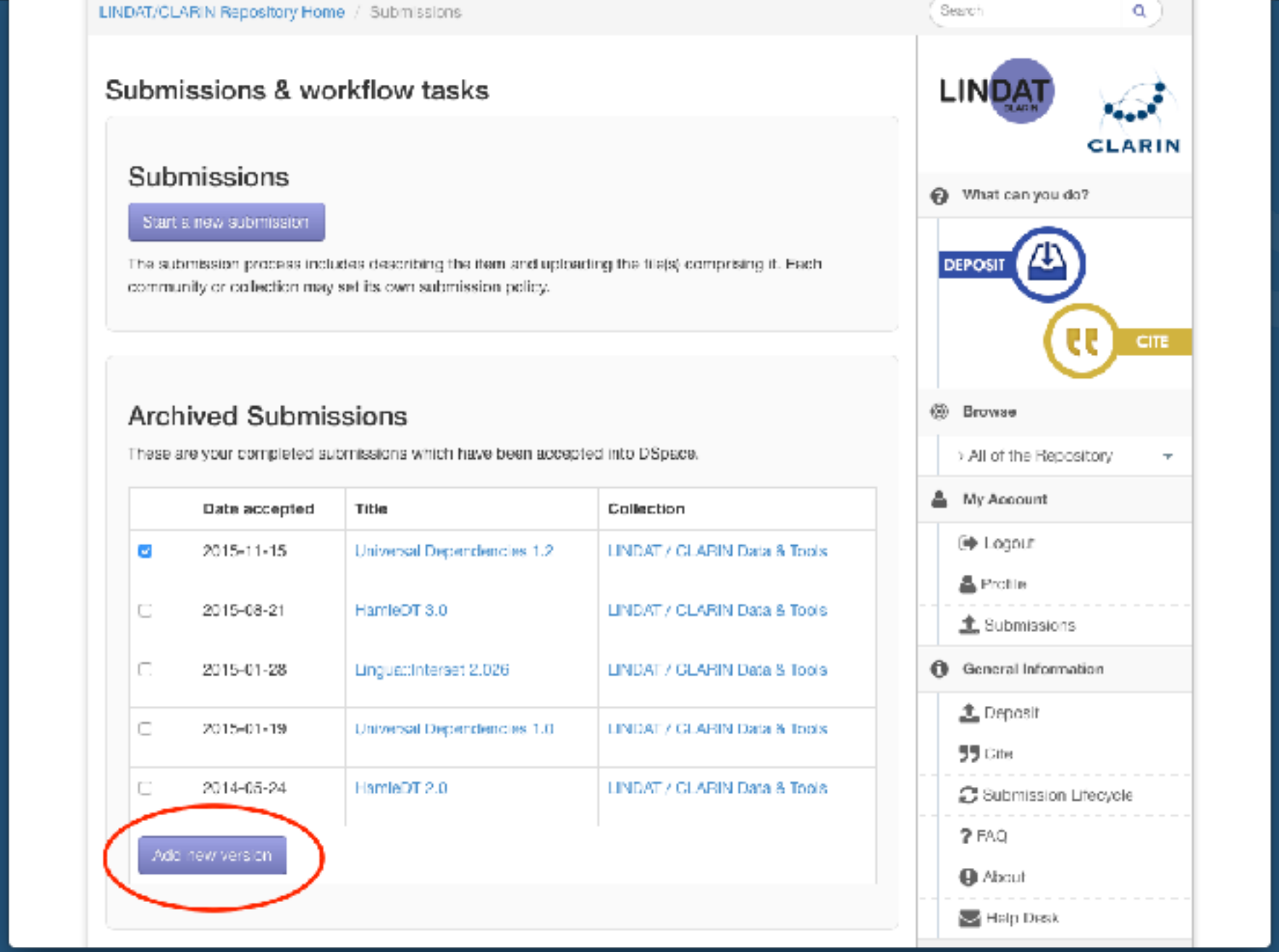

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In order ti cite it, you have to find it first

- Provide metadata in many ways, as the services require them
- Google + Scholar: rules + dc metadata in the html header
- Google Dataset Search: metadata in JSON+LD
- CLARIN VLO: CMDI metadata over OAI:PMH
- OpenAIRE: DataCite metadata over OAI:PMH
- Data Citation Index: Dublin Core metadata
- Etc.

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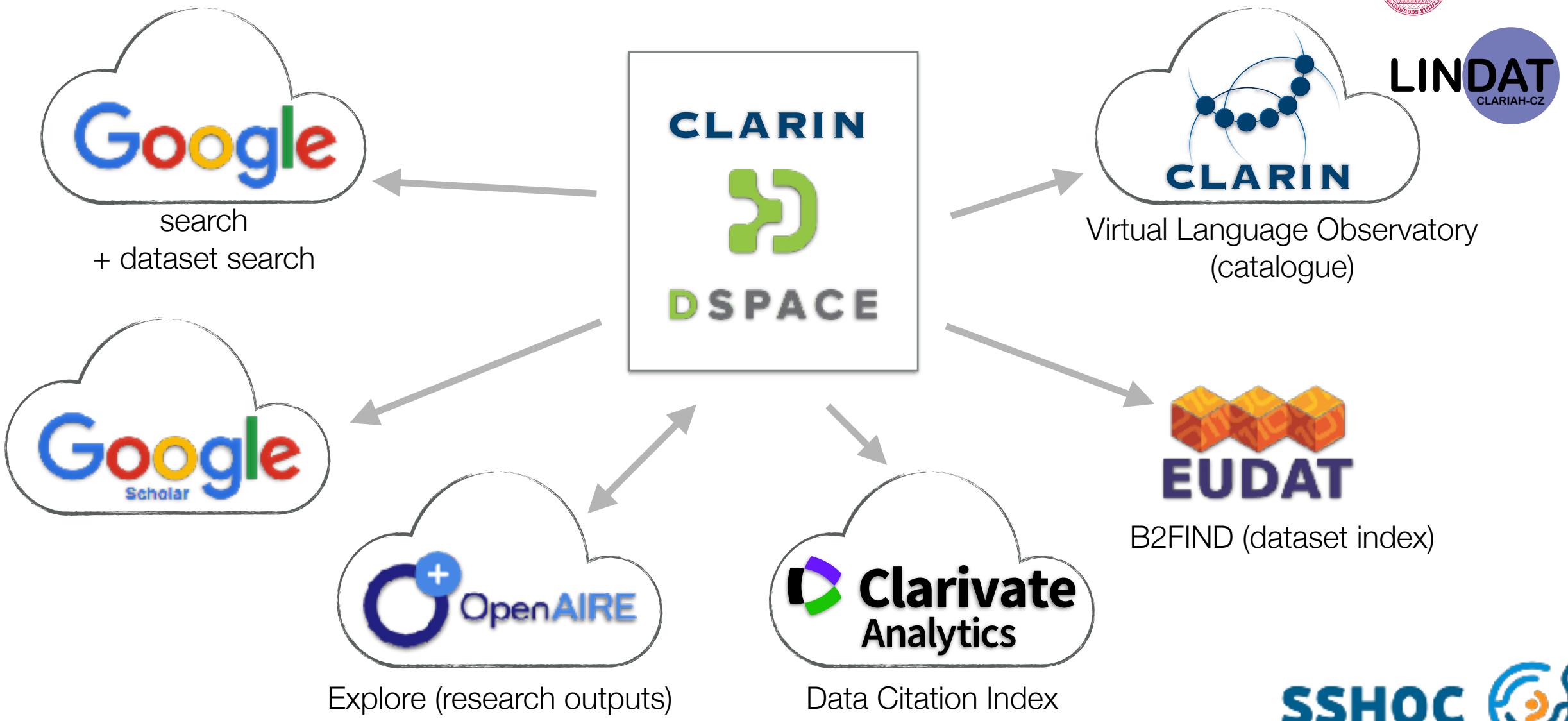

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RobeCzech Base

Please use the following text to cite this item or export to a predefined format: BIBTEX CMDI

Straka, Milan; Náplava, Jakub; Straková, Jana and Samuel, David, 2021, *RobeCzech Base*, LINDAT/CLARIAH-CZ digital library at the Institute of Formal and Applied Linguistics (ÚFAL), Faculty of Mathematics and Physics, Charles University, http://hdl.handle.net/11234/1-3691.

Share:

LINDAT / CLARIAH-CZ

Authors	Straka, Milan ; Náplava, Jakub ; Straková, Jana and Samuel, David
Item identifier	http://hdl.handle.net/11234/1-3691
Date issued	2021-05-25

authors =
DC.creator + DC.creator …

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1-3691 Response

Google metadata – SEO

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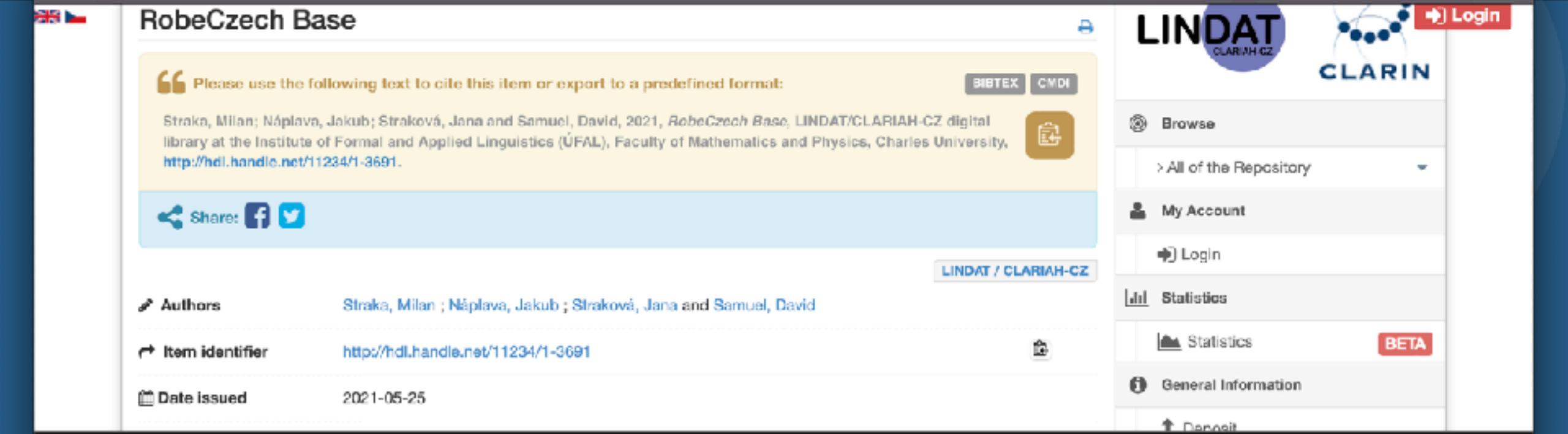
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Transformer-based pretraining approach. We show that RobeCzech considerably outperforms equally-sized multilingual and Czech-trained contextualized language representation models, surpasses
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Cite data properly and easily

- Force-11 Data Citation Principles
  - Data Citation Synthesis Group: Joint Declaration of Data Citation Principles. Martone M. (ed.) San Diego CA: FORCE11; 2014 https://doi.org/10.25490/a97f-egyk
- Formated citation in simple text: copy&paste for Word
- BibTeX record for those who typeset papers in LaTeX

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Etalon 1.0

for word processors

Please use the following text to cite this item or export to a predefined format: BIBTEX CMDI

Skoumalová, Hana, 2021, *Etalon 1.0*, LINDAT/CLARIAH-CZ digital library at the Institute of Formal and Applied Linguistics (ÚFAL), Faculty of Mathematics and Physics, Charles University, http://hdl.handle.net/11234/1-3698.

for LaTex users

bibtex

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 url = {http://hdl.handle.net/11234/1-3698},
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ics ({{\'U}FAL}), Faculty of Mathematics and Physics, Charles University},
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} {BY}-{NC}-{SA} 4.0)},
 year = {2021} }
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Share:

LINDAT / CLARIAH-CZ

Authors	Skoumalová, Hana
Item identifier	http://hdl.handle.net/11234/1-3698

How well does it work?

- We look at Google Scholar and Publish or Perish services
- We count citations, remove pre-prints, …
- leave only “real publications”
- only by authors not employed on the project

year	citations
2016	32
2017	72
2018	99
2019	133
2020	120

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Room for improvement

- DOI services for Handles:
  - support for Altmetrics, CrossRef and other services
  - easier finding of citations
  - easier formating of citations
- Add support for Citeproc JSON format
  - used by Zotero, Mendeley and others
  - use it with JS to offer more citation style

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Thank you!

Questions, please!

LINDAT CLARIAH-CZ

SSHOC social sciences & humanities open cloud

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