netherlands eScience center

Why you should put your code in a community registry

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ISC19
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.zip file on your
university website

spectrum of
publication platforms

.zip file on your
university website

registry

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spectrum of
publication platforms

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gateway
platform
warehouse
index
portfolio
registry
store
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"just the code"

spectrum of
publication platforms

"the code and the
necessary context"

by language:

- MATLAB File Exchange
- PyPI
- npmjs.com
- CRAN

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Community types

by language:

- MATLAB File Exchange
- PyPI
- npmjs.com
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by domain:

- `swmath.org`   (mathematics)
- `bio.tools`   (life sciences)

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by organization:

- `lab.kb.nl`   (Dutch Royal Library)
- `research-software.nl`   (Netherlands eScience Center)
- `osti.gov/doecode`   (US DoE)
- `software.process-project.eu` (H2020 project "PROCESS")

gateway platform warehouse index portfolio registry store repository directory portal collection library

metadata

easy-to-consume layout

- findability

- reasoning / advanced domain specific search

- readability

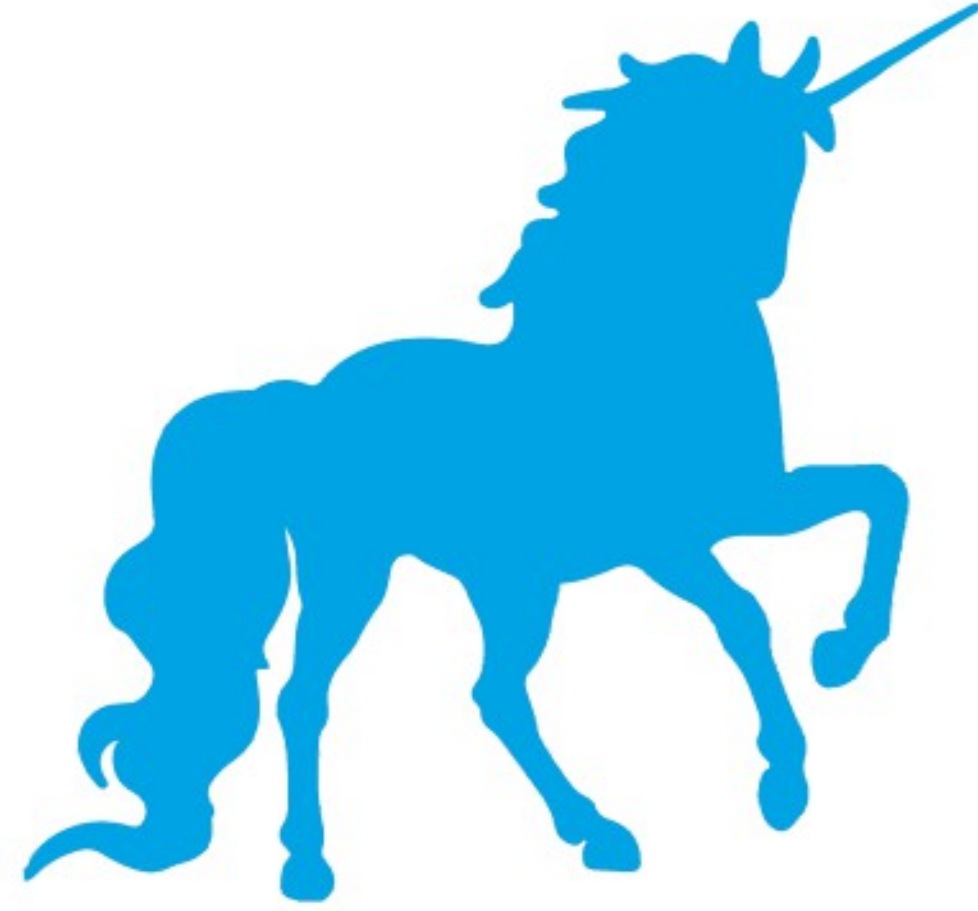(website visitor point of view)

citation

- instructions on how to cite

- citation strings according to a specific format (APA, Nature, Chicago, etc)

- reference manager files

- persistent identifiers

(website visitor
and
developer point of view)

- targeted audience

- much more traffic than your university home page

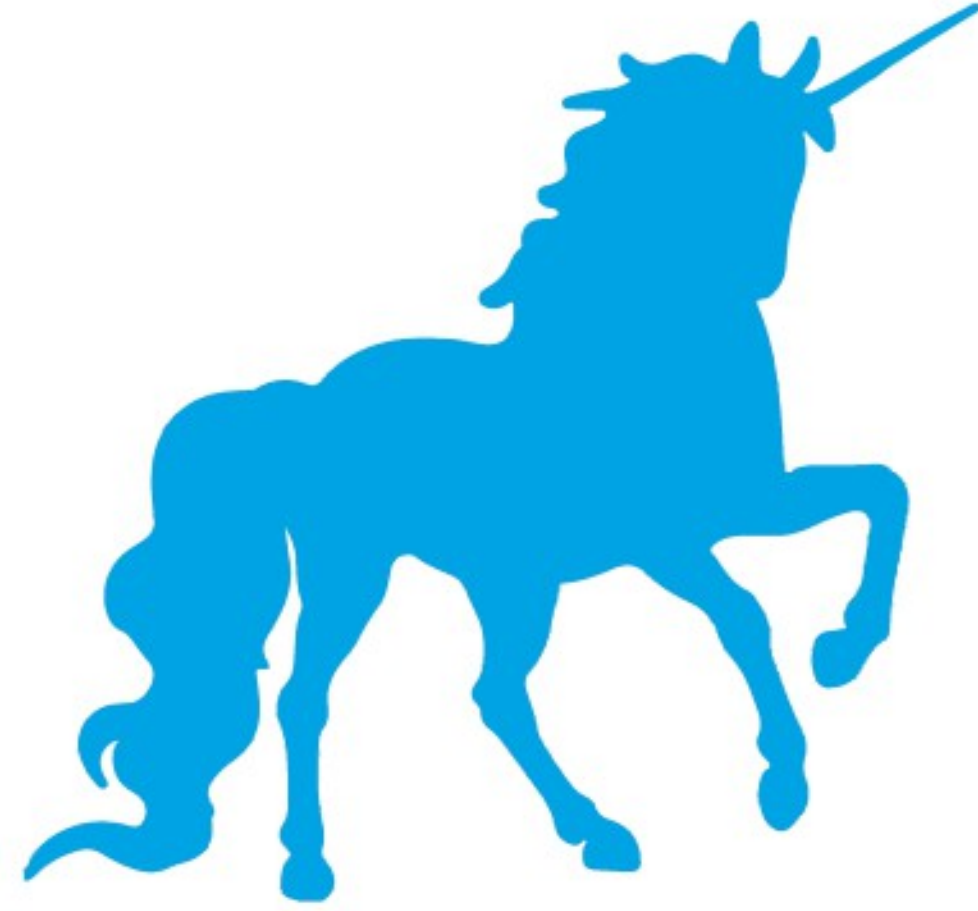- analytics: number of downloads, views (help show impact)

(developer point of view)

The *Research Software Directory* does
all of that and more!

Free, open source (Apache-2.0)

/research-software-directory

The *Research Software Directory* does
all of that and more!

We can help you set up an instance
for your project or organization

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