

Research Software Directory

A content management system tailored to research software

Jurriaan H. Spaaks
Research Software Engineer
Netherlands eScience Center

November 13, 2019

Maryland, USA

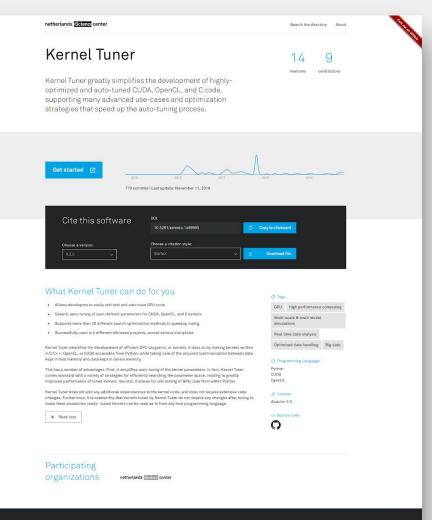
Scientific Software Registry Collaboration Workshop



What does the Research Software Directory look like?

Product pages have been designed

- to employ Search Engine Optimization (SEO)
- to be visually attractive
- to be easy to consume for visitors
- to provide context / build trust
- provide a starting point

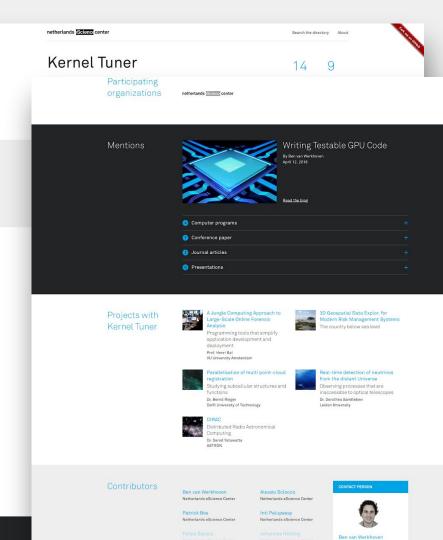




What does the Research Software Directory look like?

Product pages have been designed

- to employ Search Engine Optimization (SEO)
- to be visually attractive
- to be easy to consume for visitors
- to provide context / build trust
- provide a starting point

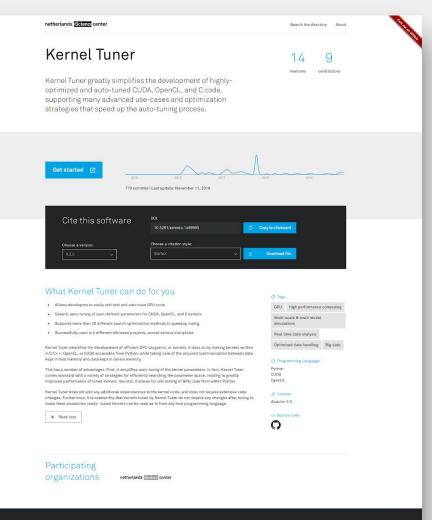




What does the Research Software Directory look like?

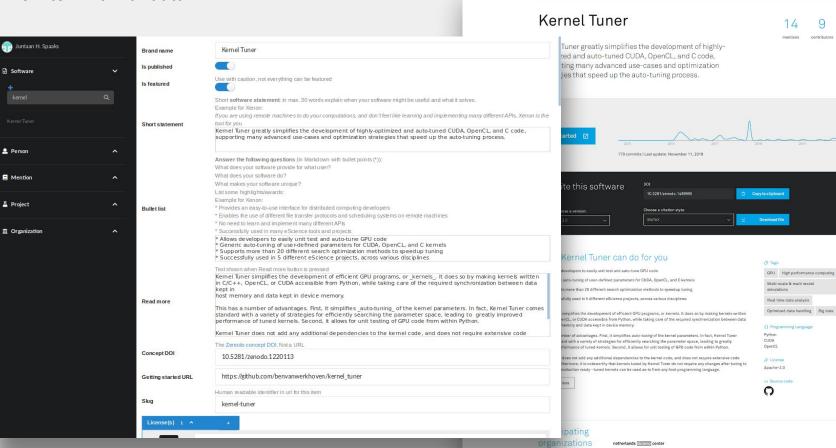
Product pages have been designed

- to employ Search Engine Optimization (SEO)
- to be visually attractive
- to be easy to consume for visitors
- to provide context / build trust
- provide a starting point





How to fill it with data



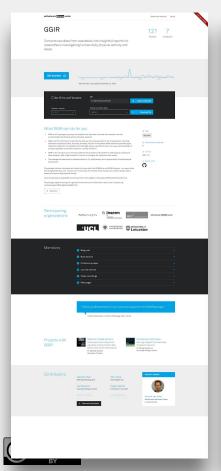
netherlands Science center

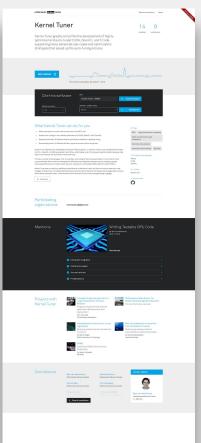
Mentions

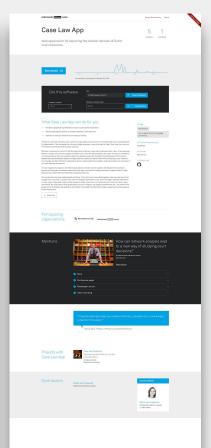


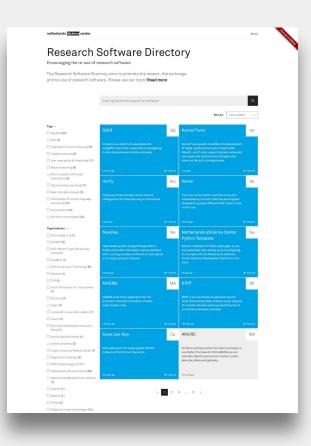
Search the directory About

Index page on top of product pages









Research Software Directory

- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl
- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software

Other

• bit.ly/awesome-registries











The Research Software Directory and how it promotes software citation

Improve the findability, citability, and reproducibility of research software

By <u>Jurriaan H. Spaaks</u>, <u>Stefan Verhoeven</u>, Tom Klaver, <u>Jason Maassen</u>, (Netherlands eScience Center) and <u>Stephan Druskat</u> (Humboldt Universität zu Berlin)

The Netherlands eScience Center currently employs about 50 Research Software Engineers who work side-by-side with domain scientists to address technological challenges that need to be overcome in order to answer the research questions. As a result, much of the scientific output of our institute comes in the form of software. To show the outside world that our work matters, we wanted a mechanism to improve transparency of our organization, some sort of virtual shop window if you will. This ultimately resulted in development of what we call the <u>Research Software Directory</u>.

A content management system — tailored to software

A Research Software Directory is a kind of content management system, tailored to software. A Research Software Directory aims to improve the findability, citability, and reproducibility of the software advertised in it. In practice, this entails creating a so-called product page for each software package which we want to showcase. A product page presents a given

Research Software Directory

- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl
- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software

Other

bit.ly/awesome-registries





Research Software Directory

- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl



- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software

Other

• bit.ly/awesome-registries

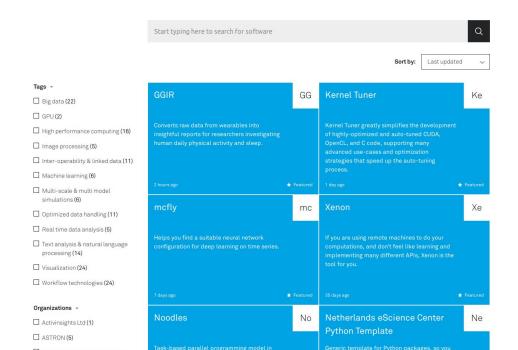




Research Software Directory

Encouraging the re-use of research software

The Research Software Directory aims to promote the impact, the exchange and re-use of research software. Please use our tools! **Read more**



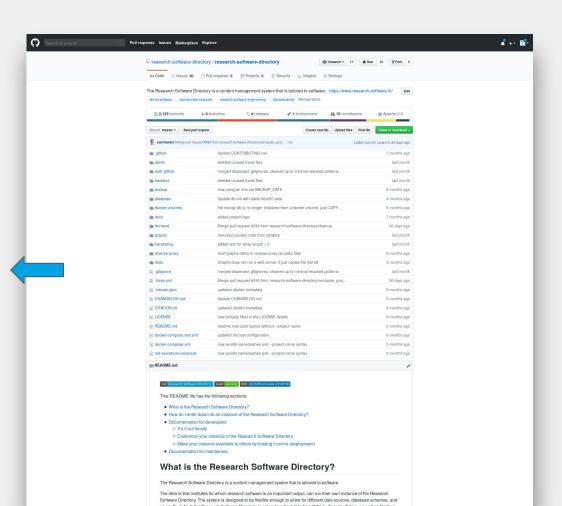
Research Software Directory

- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl
- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software

Other

bit.ly/awesome-registries





Research Software Directory

- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl
- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software

Other

• bit.ly/awesome-registries

Get in touch rsd@esciencecenter.nl



Research Software Directory

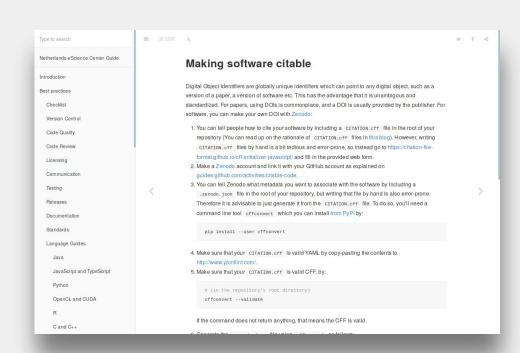
- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl
- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software



Other

• bit.ly/awesome-registries





Research Software Directory

- bit.ly/rsd-blog
- bit.ly/rsdpromo
- research-software.nl
- github.com/research-software-directory
- free service to help you get started
- bit.ly/citable-software

Other

• bit.ly/awesome-registries





