

Building the UCT community of Data Stewards & Champions: A community of practice approach

UCT Open Data Day 2019

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1. Important definitions?

2. What we do as DLS

- 3. The challenges of Research Data Management (RDM) in a research intensive university
- 4. DLS approach to solving the challenges of RDM



What is stewardship?

To hold something in trust for another.

 The willingness to be accountable for the well being of the larger organisation by operating in service rather than in control of those around us (Block, 1993).

 Choosing service over self interest (Block, 1993).



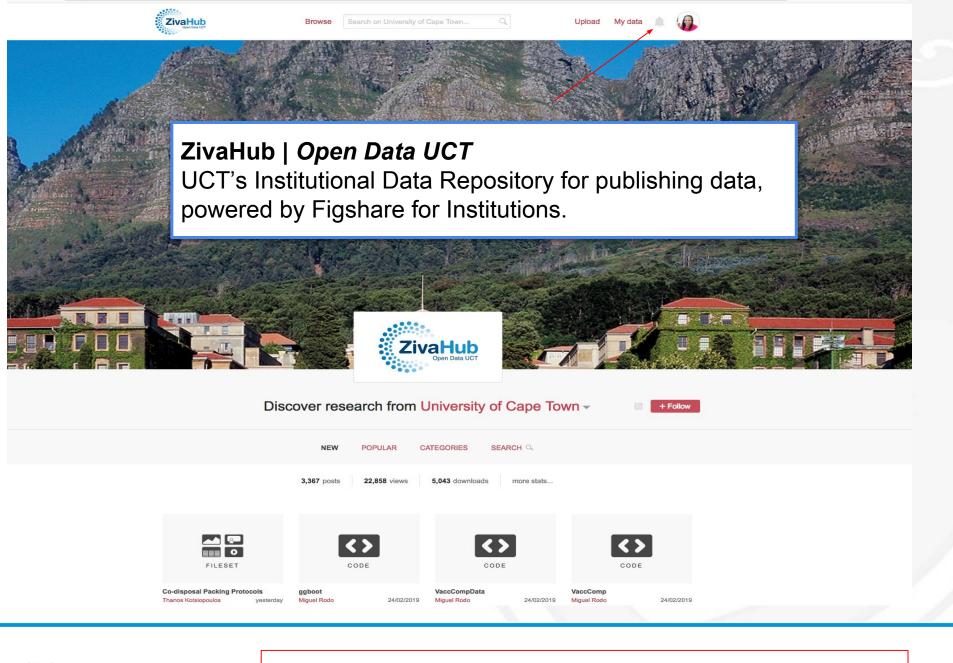


- "Steward": a person who is responsible for managing something on behalf of someone else.

Who are the data stewards?

-Individuals assigned with group level curation roles on ZivaHub









Who are Data Champions?

-Data Champions are researchers, PhD students, support staff and volunteers who have agreed to advocate for good data management and sharing practice within their department by:

- providing local training,
- 2. briefing staff members at departmental meetings, and
- 3. raising awareness of the need for data sharing and management

(Higman, Teperek & Kingsley, 2017).



DLS support for the data stewards & champions community

- Identify subject-expert Data Stewards, and assign them an appropriate, group-level curation role on ZivaHub.
- Participate in and coordinate relevant data training activities
- Provide information on current trends in data handling via the One
 Pager bi-monthly newsletter to our mailing list.
- Organise monthly forums / get togethers to share experiences and discuss achievements, problems and any other issues.







Challenges of RDM in a research intensive University

- RDM is a researcher owned endeavour.
- It is a labour intensive and lengthy process (Higman, Teperek and Kingsley, 2017).
- Managing research data in some cases requires both data management skills & subject specific knowledge.
- However a lot of work remains to engage all researchers at UCT.



Approach to solving the challenges of RDM

- DLS has adopted a community of practice model to solve the challenges of RDM by engaging with data stewards & champions.
- Data stewards & champions bring subject specific knowledge to support and offer training to researchers and advocate for good RDM practice (Higman, Teperek and Kingsley, 2017).
- More discipline-specific training is given e.g. CeBER data sprints by Lesley Mostert.
- The Data Stewards and Champions Community is our response to the RDM policy.

How do Communities of practice work?

Problem solving	I'm stuck. How do I do ABC?
2. Requests for information	Guys where can I find?
3. Seeking experience	Hey! Anyone ever served a patron registered in Statistics not Pathology but wanting to deposit in SATVI?
4. Reusing assets	I have a presentation I used atmaybe you can tweak it for
5. Coordination and synergy	Can we combine?
6. Discussing developments	What do you think of the new data repository at?
7. Documenting experiences	We have so many patrons complaining about this incident, maybe we need to take note
8.Visits	can we meet in your lab and discuss?
	(Wenger, 2011)





Community of practice(Cop)

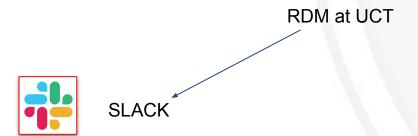
- -The term provides an important perspective of knowing and learning.
- -Organisations use Cop to improve performance
- -Not all communities are Cop
- 3 Requisites for a Cop
- 1. Shared domain of interest.
- 2. A sense of community.
- 3. A shared practice (Wenger, 2011)





Plans for growing the community

Good News-Membership is free for all who have shown an interest





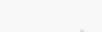






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References | Reading

Anon, (2019). In: 1st ed. [online] Available at: https://www.merriam-webster.com/dictionary/steward [Accessed 1 March 2019].

Block, P. (1993) Stewardship. Choosing service over self interest. San Francisco: Berret-Koehler.

Higman, R, Teperek, M. and Kingley, D. (2017). Creating a community of data champions. doi https://doi.org/10.1101/104661 International Journal of Digital Curation doi 10.22/8/ijdc.vl2i2.562

Wenger, E. (2011) Communities of practice: a brief introduction. doi http://hdl.handle.net/1794/11736





Thank You

