

Research notebooks – Workshop



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#researchnotebooks

Draft Agenda

1030 Coffee and arrival – offer suggestions for other content today, why you came

1100 Welcome, Introductions – Valerie McCutcheon and Chris Brown

1115 Case Study - University of Glasgow

- Overview – Valerie McCutcheon
- Student experience – Roza Dimogkioka

1200 Demo - Mestrelab - Patrick Steel

1230 Discussion

1245 Lunch

1330 Discussion led by Al Downie <https://bit.ly/2VQvCuw>

1415 Pre-Requirement List discussion

1500 Summary and Next Steps

1530 Close – if we are done earlier we close earlier

#researchnotebooks


Housekeeping

- Facilitators
- Fire alarm
- Toilets
- Wifi
- Social Media
- Notes

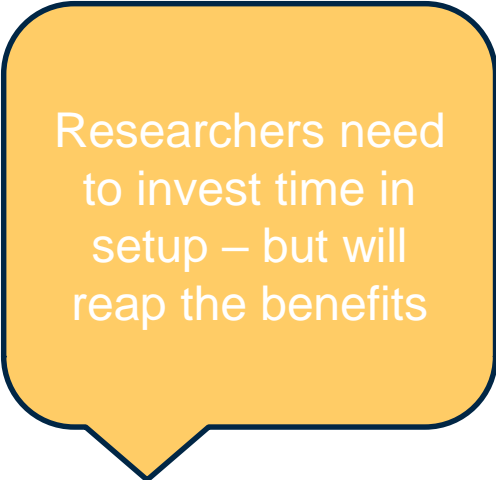


Project history


- Project running from August 2018 – July 2020
- Run a number of workshops for researchers, support staff, vendors to explore current issues and attitudes around paper and electronic lab notebook management.
- Four previous workshops <https://researchnotebooks.wordpress.com/outputs/>



There are so many different tools available...



Researchers need to invest time in setup – but will reap the benefits



It would be useful to see demos by researchers...

Research Tools

Options for Jisc

The business case for research tools includes the following three options:

- **Exploratory**

- University of Glasgow workshops (funded by the Open Research Hub service)
- Explore interoperability between research tools/notebooks, repositories and Current Research Information Systems (CRIS) using open standards. Testing and pushing/establishing open standards.

- **Framework Agreement**

- An open procurement framework for a number of lots including research tools.
- Currently being put together based on a generic set of requirements.
- Beneficial to institutions (our members) who can acquire tools via the framework.
- Encourages use of open standards and interoperability.

- **Integration**

- Technical integration of research tools within Jisc services, such as the Open Research Hub (<https://www.jisc.ac.uk/open-research-hub> - “A single interoperable system for managing, preserving and sharing institutional digital research data.”)

University of Glasgow Case Study – Why?

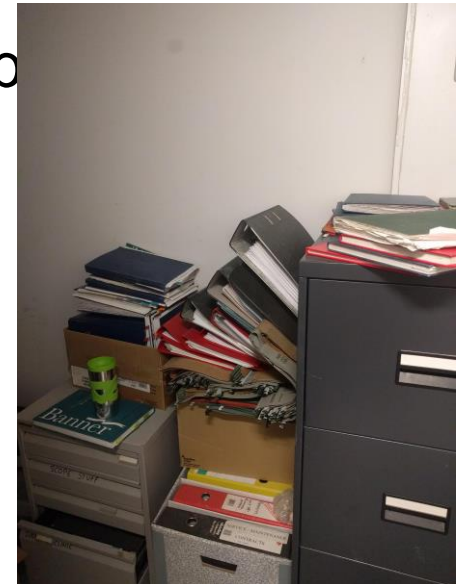
- Good Research Practice
- Funder audit
- Furnishing new researchers with relevant skills
- Preservation
- Sharing

University of Glasgow Case Study – Why not before?

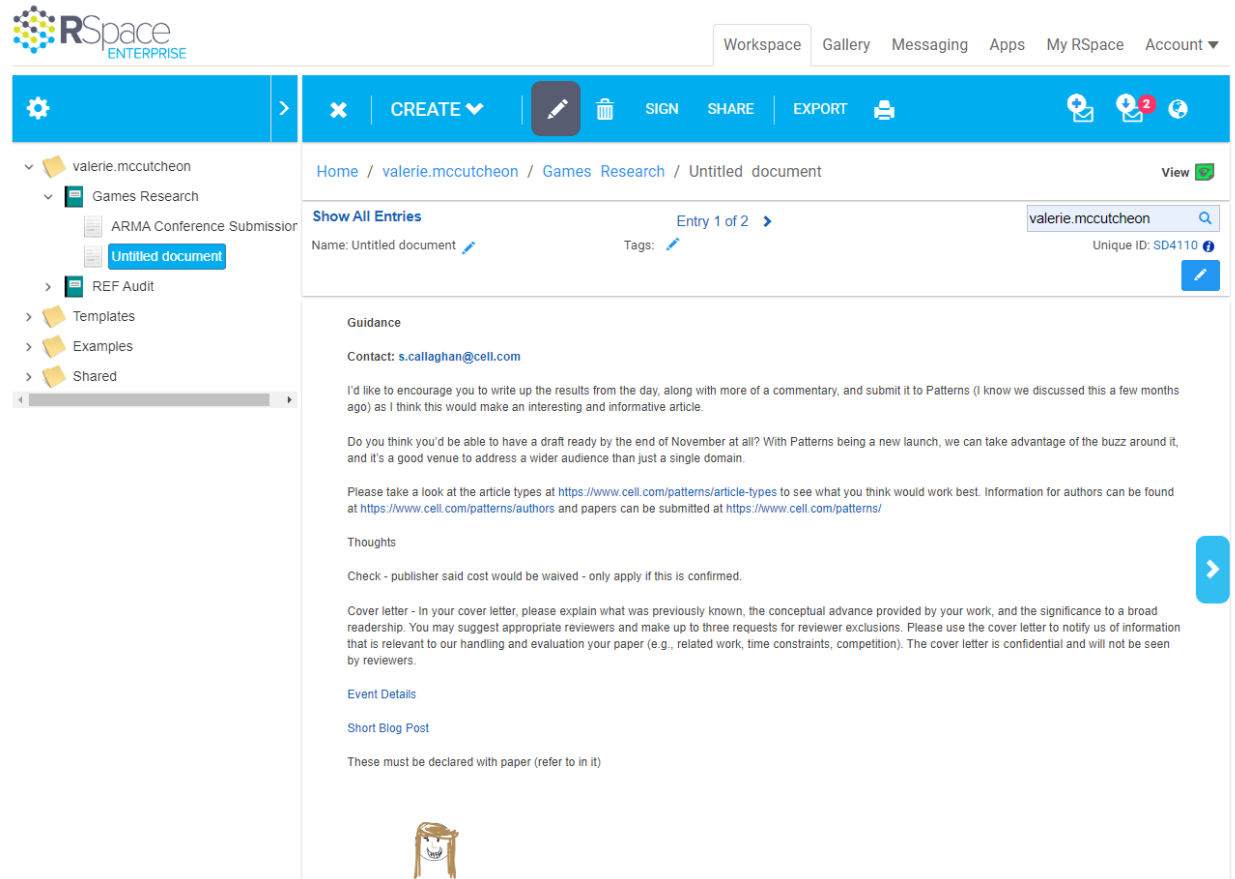
- **2012 Failed proposal**
- 2016 Failed proposal
- **2019 Centrally supported trial**

<https://www.gla.ac.uk/myglasgow/datamanagement/organisingyourdata/electronicresearchnotebooks/>

- Internal engagement – ad hoc and established
- **Engage with other organisations**
 - We prefer not to work in isolation
 - Public money – we want to work with you



RSpace



RSpace ENTERPRISE Workspace Gallery Messaging Apps My RSpace Account

Home / valerie.mccutcheon / Games Research / Untitled document View

Show All Entries Entry 1 of 2

Name: Untitled document Tags: Unique ID: SD4110

Guidance

Contact: s.callaghan@cell.com

I'd like to encourage you to write up the results from the day, along with more of a commentary, and submit it to Patterns (I know we discussed this a few months ago) as I think this would make an interesting and informative article.

Do you think you'd be able to have a draft ready by the end of November at all? With Patterns being a new launch, we can take advantage of the buzz around it, and it's a good venue to address a wider audience than just a single domain.

Please take a look at the article types at <https://www.cell.com/patterns/article-types> to see what you think would work best. Information for authors can be found at <https://www.cell.com/patterns/authors> and papers can be submitted at <https://www.cell.com/patterns/>

Thoughts


Check - publisher said cost would be waived - only apply if this is confirmed.

Cover letter - In your cover letter, please explain what was previously known, the conceptual advance provided by your work, and the significance to a broad readership. You may suggest appropriate reviewers and make up to three requests for reviewer exclusions. Please use the cover letter to notify us of information that is relevant to our handling and evaluation your paper (e.g., related work, time constraints, competition). The cover letter is confidential and will not be seen by reviewers.

Event Details

Short Blog Post


These must be declared with paper (refer to in it)



OneNote and Teams

ELab Notebook Team > General ...

Conversations Files ELN Planner ELab Notebook Team Notebook +

 This site uses cookies for analytics, personalized content and ads. By continuing to browse this site, you agree to this use.

OneNote ELab Notebook Team Notebook

File Home Insert Draw View Help Open in browser v


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Notes on OneNote and Teams

22 October 2019 11:29

Anyone in the ELab Notebook Team is welcome to add notes here about their experience of using OneNote within Teams.

Thanks for setting this up Alison. So does this work like the 'notebook' part of RSpace now?



Maybe we can document the answers to the recent email questions in here? Summarise the issue re export and possible options?

I like the auto save here.

Not so easy to draw with the drawing tool but maybe there is a technique.

One Note

- Won't suit all disciplines but might work for some (many?)
- Works with full set up at sites that have OneDrive and Teams:
 - Allows export entire file to pdf
 - Facilitates collaboration via Teams or the applications such as Zoom which allow for co-writing or invite
 - Access to data sets from within the notebook. If the dataset is very large robust links to external data e.g. on OneDrive or server are important
 - Can integrate with other tools

One Note - Possible drawbacks

- No time-stamp – workaround using good practice of prompt write up and standard group practice for metadata
- No sign and countersign inbuilt (needed for patent)
- Notebook not locked to edit

workarounds possible e.g. sign and download a copy*

*Users sometimes have to augment the information rather than amend e.g. correction of something is added without editing the original notebook

Sync issues and crashing if file gets too big or complex?

Better than paper and a good solution for some areas?



Esther Maes



Esther Plomp



Marta Teperek



Susan Branchett



Yasemin
Türkyilmaz-
van der Velden

ELN pilot at TU Delft

- March 2018:
 - [Digital Notebooks - productivity tools for researchers](#)
- March 2018 - April 2019
 - Contact with TU Delft researchers afterwards to discuss:
 - the possibilities of implementing digital notebooks
 - their expectations and requirements
 - Cross-check of these with available ELN products and lessons learnt from other universities
- April 2019 - November 2019
 - [Kick-off on 18 April 2019](#)
 - Pilot with two ELN products (eLABJournal and RSpace)
 - Early evaluation (1-3 months): informal meetings with ELN users
 - Mid-term evaluation (6 months): consultation meeting with ELN user
 - Final evaluation (9 months): survey for final feedback
 - Offer TU Delft licences for solutions favoured by the users
- For questions please contact TU Delft Data Stewards:
 - Esther: e.plomp@tudelft.nl
 - Yasemin: Y.Turkyilmaz-vanderVelden@tudelft.nl

University of Glasgow Case Study

We thought we would start with established Research Groups but we actually got demand from Teaching Groups.

- Life Sciences
- Cancer Sciences
- Engineering
- Physics
- Administration

Good

- Clear interest
- Positive initial feedback
- We have learned a lot

ELECTRONIC RESEARCH NOTEBOOK (RSpace) TRIAL – PARTICIPANT FEEDBACK FORM

This feedback form is being used to collect the views of users of an electronic research notebook software package (RSpace). The information gathered in this survey will modify and improve the way in which both teaching and research projects are conducted at the University of Glasgow. The content will not be used to monitor performance. When answering the questions, please focus on the use of the software as a teaching or research aid, not on the content of the information. Thank you.

1. Before commencing this project, how did you keep track of your research:

I occasionally used a paper notebook



Not so good....or is it?

- Misunderstanding of technical complexities
- Lack of IT resource
- Time needed to get started may be an obstacle

University of Glasgow Case Study

Forthcoming outputs

- Case Study
- Internal recommendations report
- Update pre-requirements document

Wish list:

- Sustained community
- Shared tools – OneNote guidance?
- Shared generic pre-requirements?

THIS IS AN INFORMAL LIST OF SOME POSSIBLE REQUIREMENTS FOR RESEARCH NOTEBOOKS. WE WILL ADD, IN
HIGH LEVEL LIST OF REQUIREMENTS FOLLOWING OUR RESEARCH

| |
|---|
| To provide a user friendly interface. |
| To provide connectivity to other tools such as calendars, equipment and software such as imaging software |
| To provide a search tool. |
| To provide a sorting tool to allow sorting by author and/ or date and/ or research group. |
| To provide collaborative software for intra, inter and public sharing of research data and files. |
| To be responsive for a large user community. |
| To allow version control of documents. |
| To allow an audit trail. |
| To develop a 'what to keep' filter to prevent the collection of unrequired data. |
| To provide a write to text function. |

OneNote as a Research Notebook: A guide to getting started

Introduction

The Research Information Management team is investigating a variety of electronic research notebook tools. While some tools are specifically designed as a research notebook (e.g. RSpace, LabArchive) there are other, more generic, options that may also be used for this purpose. One such example is Microsoft OneNote. This 'How to' guide explains how to start using OneNote.

Contents

| | | |
|----|-----------------------------------|---|
| 1. | Accessing OneNote | 2 |
| 2. | Types of notebook | 3 |

Student Experience

Mestrelab Demo

- This was a live demo

Lunch



Discussion

- Alastair Downie, Gurdon Institute, University of Cambridge

What Next?

Key actions from today

Summary posted to <https://researchnotebooks.wordpress.com/>

Possible Requirements List will be updated from today's discussion and circulated for input: <https://researchnotebooks.wordpress.com/outputs/>

Join the mailing list – ask questions, keep in touch:

<https://www.jiscmail.ac.uk/cgi-bin/webadmin?A0=RESEARCHNOTEBOOKS>

Contact us research-datamanagement@glasgow.ac.uk