

E-notebooks and digital note taking for research - approaches and best practices

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Experiences and implementation of research e-notebooks



UNSW
SYDNEY

Using DotMatics LabArchives for a secure, compliant research notetaking tool. Promoted to RDM and HDR events. Integrated with UNSW ResToolKit - a research storage provisioning tool.

Notable use case is the Mark Wainwright Analytical Centre. Used for **instrument maintenance logs** and **commercial consultation data management** to record calculations, results, billing information, and methodologies.

Support provided by both vendor and our Division. Strong adoption in Medicine and Science. UNSW had an Academic license that was decommissioned due to low uptake.

University of Adelaide

Useful for maintaining availability of data and research records created by 'transient' collaborators.

Neurogenetics Research Lab:

- Mandated use by postdocs and PhDs over years
- Standard Operating Procedures, protocols, workflows, shared data
- Organisation and access to data and research, aiding integrity and re-use

Individual researcher: Wine Chemistry

- Creates notebooks for each PhD student, gives access to co-supervisors
- Encourages good practice, signals oversight, retains access to important information in secure, low maintenance environment

"I sought out LabArchives because it offers an efficient way to track experiments and access all necessary details, making it easier to replicate experiments and reduce variability in results"



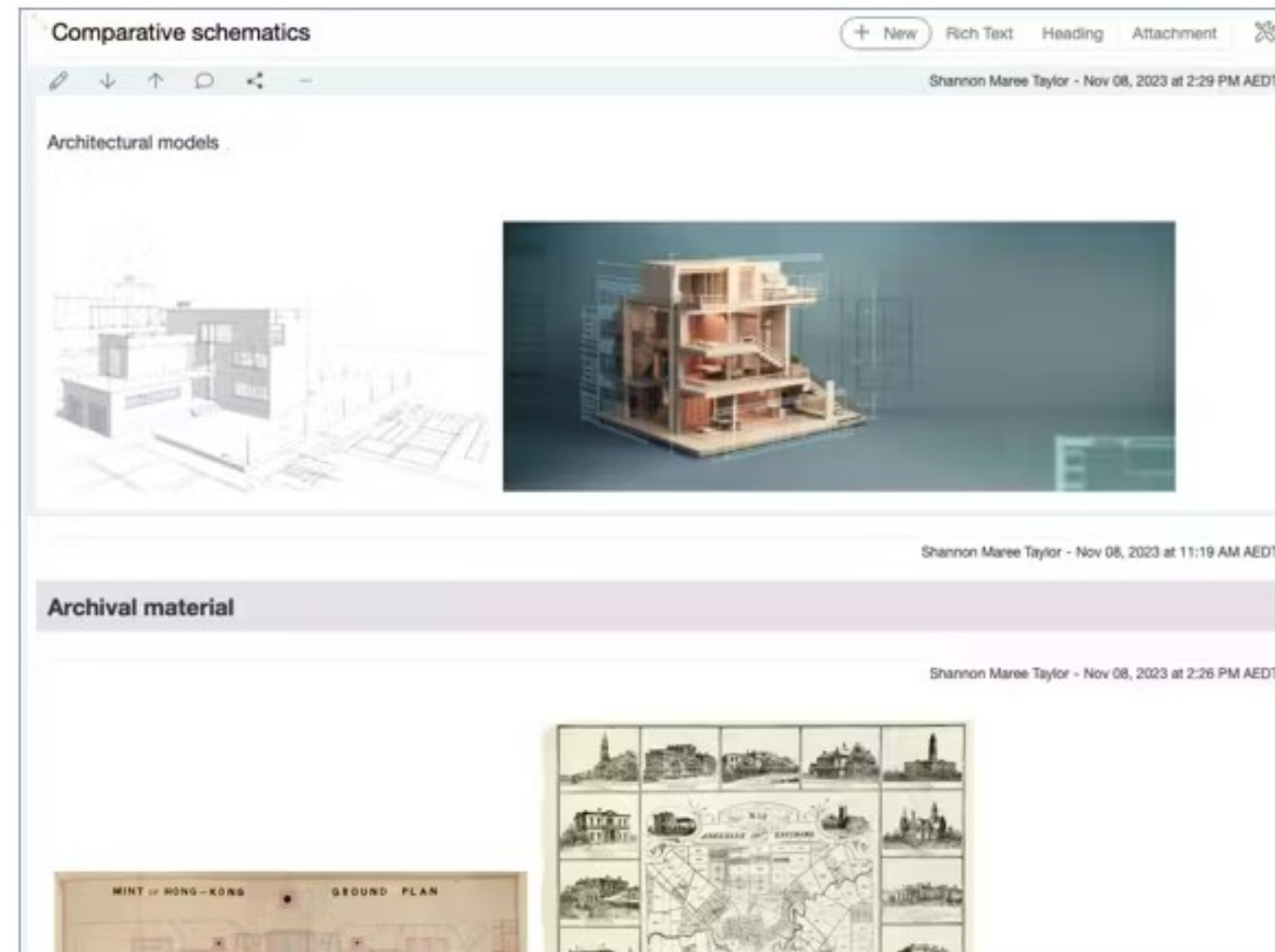
University of Sydney

After consultation, LabArchives was identified as a solution for researchers with Non-Traditional Research Outputs.

Tailored case studies were workshopped, and those researchers were taken on journey to build motivation around using a University platform to record their research output.

User friendly platform for their research data management needs.

Sydney has a LabArchives license which covers both the researcher and classroom editions.





MONASH University

Interactive Session

Topic 1:

Rolling out - establishing eNotebooks as functional research tools – how to do it and to tackle barriers?

Topic 2:

Best practices – support for users and integration into interdisciplinary workflows – what to do and consider?

Topic 3:

What do you look for a research electronic notebook?

Interactive Session - Let's review



Acknowledgements and Conclusion

Register for follow-up information on the session

Scan the QR code to access a form to register for follow-up information.

Alternatively, please visit

<https://redcap.link/enotebookboffup>