

Web Collaboration



The **Research Portfolio** allows the world to easily discover everything about JCU's researchers. Each active researcher at JCU automatically receives a portfolio page at <http://jcu.me>

eResearch Spaces are fully-featured collaborative workspaces available to JCU researchers, allowing sharing and discussions within secure, online environments. Spaces are free for all JCU researchers.

National Services



The eResearch Centre helps researchers access nationally-funded projects, including high-capacity data storage, research metadata discovery, and national research cloud computing resources.



As state- and national-level services are developed, the eResearch Centre will follow their progress and advise on the best practices for integration into day-to-day research processes.

JCU High Performance Computing (HPC)



High Performance Computing & Data Storage for Research – JCU HPC provides a computing cluster and high-capacity data storage. Through collaboration with JCU's Information Technology & Resources, HPC delivers highly-available, high-performance computing infrastructure and large-scale data storage repositories to research groups.



VMs for Researchers – Many researchers and groups at JCU require reliable, always-on computing infrastructure in order to host specialist services and serve data. JCU eResearch works with JCU High Performance and Research Computing (HPRC) to deliver access to virtual machines (VMs) running upon HPRC infrastructure.

Extension Services



Web development (Plone, Pyramid, and more) – eResearch works with a variety of clients, both internal and external to the University, in developing powerful web-based solutions for a variety of different projects and disciplines.



Software development and management – The JCU eResearch Centre allows access to staff for custom software development and deployment, as well as providing the ability to deploy and manage software packages for clients unable to take up the Virtual Machine service.

Consulting



eResearch Practices and Technology – Provide advice to staff, researchers, and students regarding best-practices surrounding tools and technologies.



National and State connections – eResearch provides a key link to accessing large-scale projects and funding sources at both State and National Government tiers.



Education and Outreach – The eResearch Centre holds workshops for discussing data management, provides online user guides and support resources, and interacts with other core University service divisions.



Training and Coffee Breaks – By aiming to improve the knowledge and experience of researchers and other staff, eResearch provides open sessions covering various aspects of technology, programming, and more. These sessions, conducted in informal environments, help improve community knowledge of what eResearch does and how a researcher's practices can benefit from the uptake of various technologies.