



Introduction to Research IT

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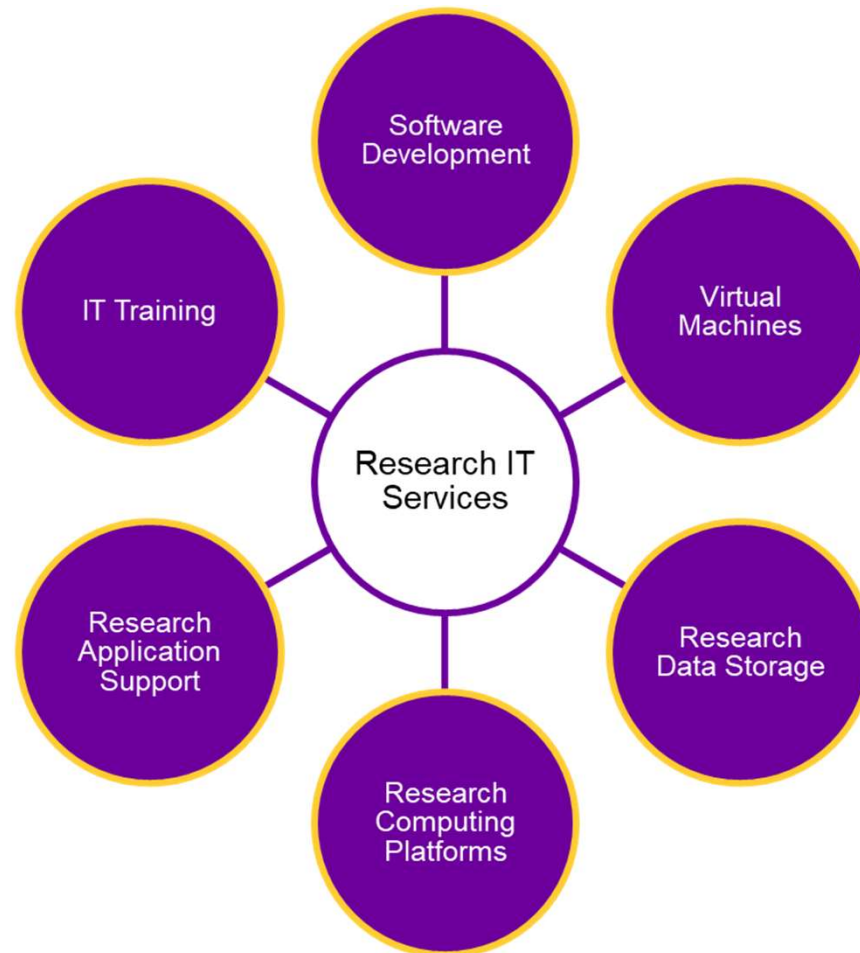
Research IT



- Supports postgraduate, post-doctoral and academic staff carrying out research at UoM
- There to support research not day to day IT
- Provide specialised research services
- Highly skilled staff ready to work with you to realise your research goals

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Research IT



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Research Computing Platforms



- Access to a wide range of eResearch platforms including high performance (HPC) and high throughput computing (HTC) platforms to support computationally intensive research
- Help with access to regional, national and international resources as your research progresses
- The main resources are the HPC Pool and our Condor Pool
- Help to access Cloud resources such as Amazon Web Services (AWS)

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Software & Data Engineering



- A pool of professional software developers (inc. programmers, data scientists etc) with particular expertise in creating software for academic research
- Produce high quality scientific software by working with researchers to create reliable, sustainable and efficient code
- Can be embedded in your team for months or even years
- Also consultancy for shorter term projects
- Mobile development service which can produce mobile apps for your research project

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Research Data Management



- Demands on researchers to manage their research output are growing and we are ideally placed to assist
- Can help with the technical input on Research Data Management (RDM) plans and deliver highly scalable, agile, research-data aligned secure storage
- Can also advise on and provide database hosting and bespoke network infrastructure solutions

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Training, Support & Advice



- Range of training – some of which is available virtually
 - Introductions to applications and techniques (i.e. Matlab, Visualisation)
 - Introduction to programming (i.e. Python)
 - Introduction to advanced eResearch (i.e. CSF, HPC)
- Support via the helpdesk
- Regular virtual drop-in sessions

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Outreach & Keep in touch



Drop-in sessions

- Every fortnight – see <https://research-it.manchester.ac.uk/events/>

Research IT Costing Clinics

- Ideal for new UoM researchers
- See our events page for the next event

Blog - <https://research-it.manchester.ac.uk/news/>

Monthly newsletter - sign up at www.eepurl.com/b0uwDv

Twitter - @UoM_eResearch

Website - www.itservices.manchester.ac.uk/research/

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