

# Research IT: RSE and Apps Support

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Robert Haines

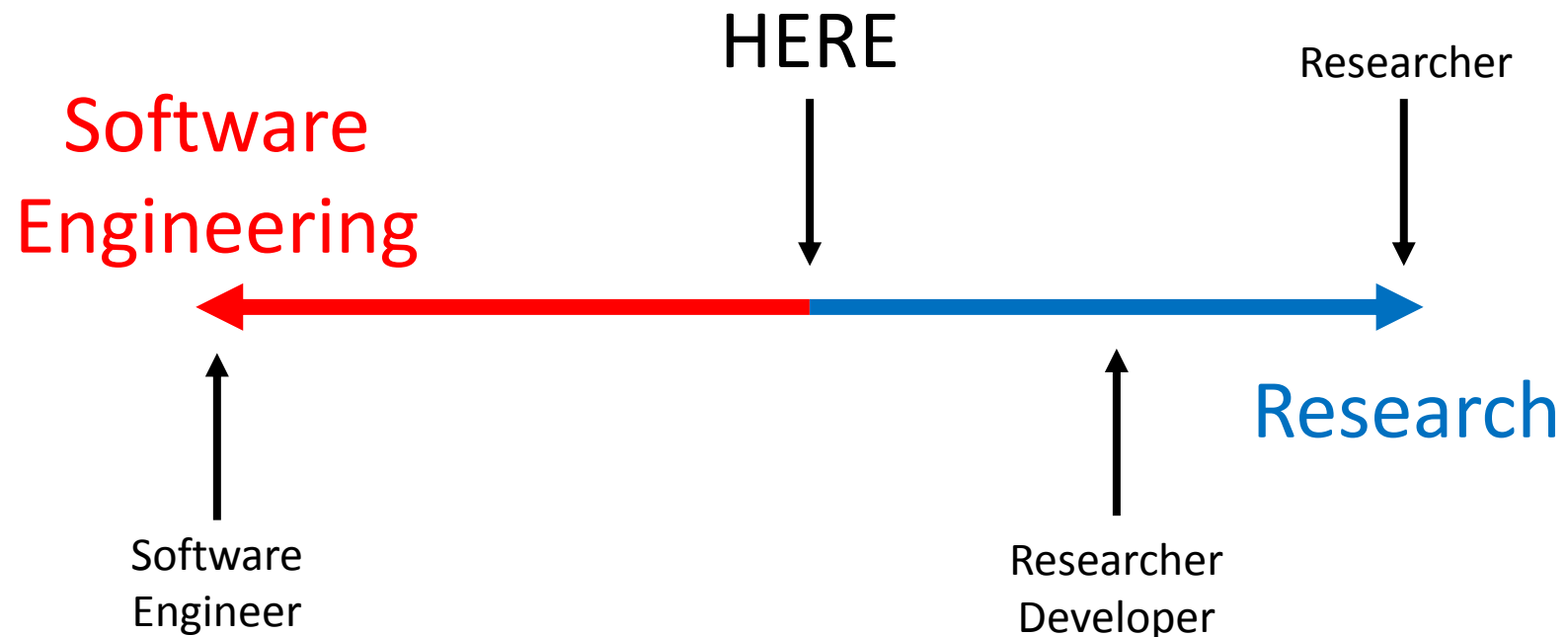
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Research IT Club, 25<sup>th</sup> October 2017



**BETTER  
SOFTWARE  
BETTER  
RESEARCH**

# What is a Research Software Engineer?



# The Craftsperson and the Scholar



Image courtesy of Beinecke Library and bcom

James Hetherington: <http://www.software.ac.uk/blog/2012-11-09-craftsperson-and-scholar>

# Are you a Research Software Engineer?

- Are you employed to develop software for research?
- Are you spending more time developing software than conducting research?
- Are you employed as a postdoctoral researcher, even though you predominantly work on software development?
- Are you the person who “does computers” in your research group?
- Are you sometimes not named on research papers despite playing a fundamental part in developing the software used to create them?
- Do you lack the metrics needed to progress your academic career, like papers and conference presentations, despite having made a significant contribution through software?



# Join the UK RSE Community

- Careers
- Events
- Training
- International links
- [www.rse.ac.uk](http://www.rse.ac.uk)

RSE



# RSE noticeboard

# BBC Data Science Research Partnership

- The University has signed a five year Data Science Research Partnership (DSRP) with the BBC
- Eight partner universities:
  - UoM, UCL, Imperial, Bristol, Ulster, Surrey, Edinburgh and QMUL
- Work with the BBC and other partners on problems using BBC data
  - Audience research, UX, text mining, sentiment analysis, signal discovery ...
  - Internships, small grants, joint research projects, PhD studentships
- Opportunities will be publicised via the Data Science Institute
- Manchester lead: Dr Caroline Jay
  - [caroline.jay@manchester.ac.uk](mailto:caroline.jay@manchester.ac.uk)



# Software Carpentry Membership

- From January 2018 the University will be a Software Carpentry Partner
- Key benefits:
  - Unlimited self-organized Software Carpentry courses
  - Run instructor training courses here
  - Opportunities for UoM instructors to travel and train people round the world
  - A seat on the Carpentry Foundation Advisory Council
- UoM Carpentry Community Meeting/Lunch
  - Nov 8<sup>th</sup>, 12.00-13.00, Kilburn 1.10
- UoM Carpentry Steering Committee
- Prof Rachel Gibson
  - [rachel.gibson@manchester.ac.uk](mailto:rachel.gibson@manchester.ac.uk)



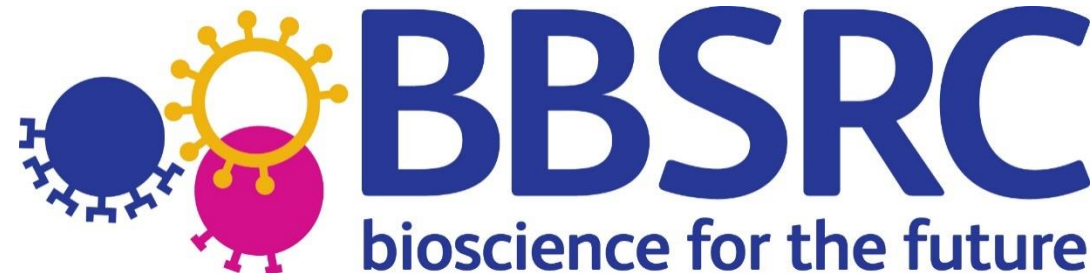


# Tools and Resources Development Fund

- BBSRC, co-funded by EPSRC and MRC
- Up to £3.5 million total budget
  - Individual applications up to £187,000 (FEC)
- “We note the significant contribution of staff such as technical researchers and Research Software Engineers ... and encourage applicants to cost them appropriately on applications.”
- Deadline: 5<sup>th</sup> December 2017 @ 1600

<https://www.bbsrc.ac.uk/funding/filter/2017-tools-resources-development-fund>

- Get in touch if you'd like to talk about this call



# Training and drop-in sessions

# Training courses: coming soon

- Introduction to Linux/UNIX shell
- Introduction to Data Visualization
- Matlab Programming course
- HPC training course CSF/DPSF
- Automation and Make
- LaTeX course (inc. UoM Thesis template)
- Data Analysis with R
- Version control with Git and GitHub
- More information + online courses here:  
<http://bit.ly/2w6TfC0>

30 Oct, 7 Mar

13 Nov, 31 Jan

14 Nov, 28 Feb

20 Nov, 13 Feb

21 Nov, 16 May

23 Nov, 14 Mar

28 Nov, 7 Feb

21 Feb, 2 May



# Drop in sessions

- Every two weeks around campus
- No appointment necessary
- Anything Research IT related
- If we can't solve your problem right away, we'll get back to you
- Come and see us (1400-1500):
  - 1 Nov: Schuster Building, foyer
  - 15 Nov: Samuel Alexander, classics foyer
  - 29 Nov: Alan Turing, ground floor atrium
  - 13 Dec: Sackville Street, entrance hall
- See the blog/newsletter for other dates as they are announced



# How to contact us

- Website:
  - <http://www.itservices.manchester.ac.uk/research/>
- IT Services Support Centre:
  - <https://supportcentre.manchester.ac.uk>
- Twitter:
  - [@UoM\\_eResearch](https://twitter.com/UoM_eResearch)
- Blog:
  - <https://researchitnews.org/>
  - Sign up to our newsletter here

