
Library Carpentry taster session

Jez Cope, Data Services Lead, The British Library
@jezcope

Antony Groves, Learning & Teaching Librarian, University of Sussex
@antonygroves

Technical & computer skills for librarians

What we're going to cover

- What is this Library Carpentry anyway?
 - What use is it to me?
 - What's it like to do it?
 - Practical session: jargon busting
 - How can I get involved?
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(What we're not going to cover...)

- This isn't a full Library Carpentry workshop, just a taster
 - We're not doing any coding today
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History of Library Carpentry

What it's for and how it came to be

In the beginning...

- April 2010: Greg Wilson launches current incarnation of Software Carpentry
 - May 2014: Tracey Teal *et al* start Data Carpentry
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Carpentry style

- 2-day intensive bootcamp-style workshops
- Instructor-led, hands-on, code-along
- Good pedagogy, inclusivity & diversity
- Instructor certification programme
- CC-BY licensed



Library Carpentry is born

- 2013: Software Carpentry for librarians held
 - Harvard University, University of Toronto, Edmonton Public Library, New York Public Library, and West Vancouver Memorial Library
 - 2015: Pilot Library Carpentry at City University London
 - 59 participants, 14 institutions, 4 × 3h sessions
 - Funding from Software Sustainability Institute, organised by James Baker
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2018: The Carpentries

- Software & Data Carpentry merge to become a single organisation
 - Share administrative costs & community benefits
 - Create structure for further curriculums to be developed
 - November: Library Carpentry becomes first new Carpentries “Lesson Organisation” post-merger
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What is Library Carpentry?

Who? What? Why?

What is Library Carpentry?

“Library Carpentry develops lessons and teaches workshops for and with people working in library- and information-related roles. Our goal is to create an on-ramp to empower this community to use software and data in their own work as well as be advocates for and train others in efficient, effective and reproducible data and software practices.”

It's for anyone in GLAM who...

...works with metadata or data

...works with researchers

...reports on statistics (budgets, usage, etc.)

...interacts with systems librarians & IT

We teach...

Tidy data & spreadsheets, for recording and analysing

Regular expressions, for querying

OpenRefine, for data cleaning

Python & shell, for automating

SQL, for storing & accessing data

Web scraping, for obtaining information

And more in development: <https://pad.carpentries.org/lc-experimental-lessons>



What does it look like?

- More flexible than Software/Data Carpentry
 - 1-2 days; can be consecutive or spread over several weeks
- 10-30 learners in a room, with laptops
- Highly interactive
- Floating helpers for assistance

Photos: CC-BY
<https://librarycarpentry.org/blog>

Case study

Antony's Library Carpentry story

With the knowledge and confidence gained from attending the 2015 pilot:

- Have shared tools with particular colleagues who might find helpful.
- Run training for all library staff.
- Spoken to students in 1-2-1's about these tools.
- Run training for students around TDM, data visualisation, and coding.
- Setup Library Data Projects for MA Data Science students.
- Written about aspects of Library Carpentry for MmlT blog.
- Co-delivered Library Carpentry training for local librarians.

Jargon busting

Now it's your turn!

What next?

What next?

- Join the community:
 - gitter.im/LibraryCarpentry
 - carpentries.topicbox.com/groups/discuss-library-carpentry
 - github.com/librarycarpentry
- Arrange/request a workshop
- Volunteer to teach
- Certify as an instructor
- Contribute to lesson materials

librarycarpentry.org

It takes a village!

Advisory Group: Ariel Deardorff (chair), Yared Abera Ergu, John Chodacki, Chris Erdman, Konrad Förstner, Julie Goldman, David Kane, Jeff Oliver, Tim Ribaric, Birgit Schmidt, Liz Stokes

Curriculum Advisory Committee: Katrin Leinweber (chair), Carmi Cronje, Tim Dennis, Chris Erdman, Mark Laufersweiler, Erika Mias

Governance Group (replaced March 2019 by Advisory Group): Juliane Schneider (chair), John Chodacki, Jez Cope, Tim Dennis, Chris Erdman, Kayleigh Lino, Cam Macdonell, Belinda Weaver

Staff and executive council of The Carpentries

Current and past instructors, maintainers, contributors, advisors and co-conspirators, including James Baker, Gail Clements, Thomas Guignard, Mateusz Kuzak, Mattias Liffers, Scott Peterson, Owen Stephens, Daniel van Strien, Tracy Teal, Richard Vankoningsveld, Greg Wilson, Anelda van der Welt

You?

and so many more...
