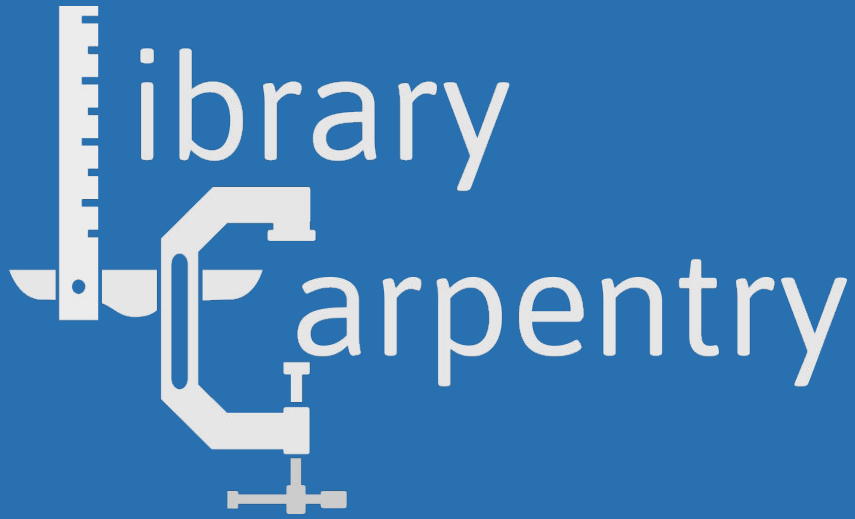

UCLA

Data and Software Skills Training for Librarians

Feb. 28, 2018

UCLA

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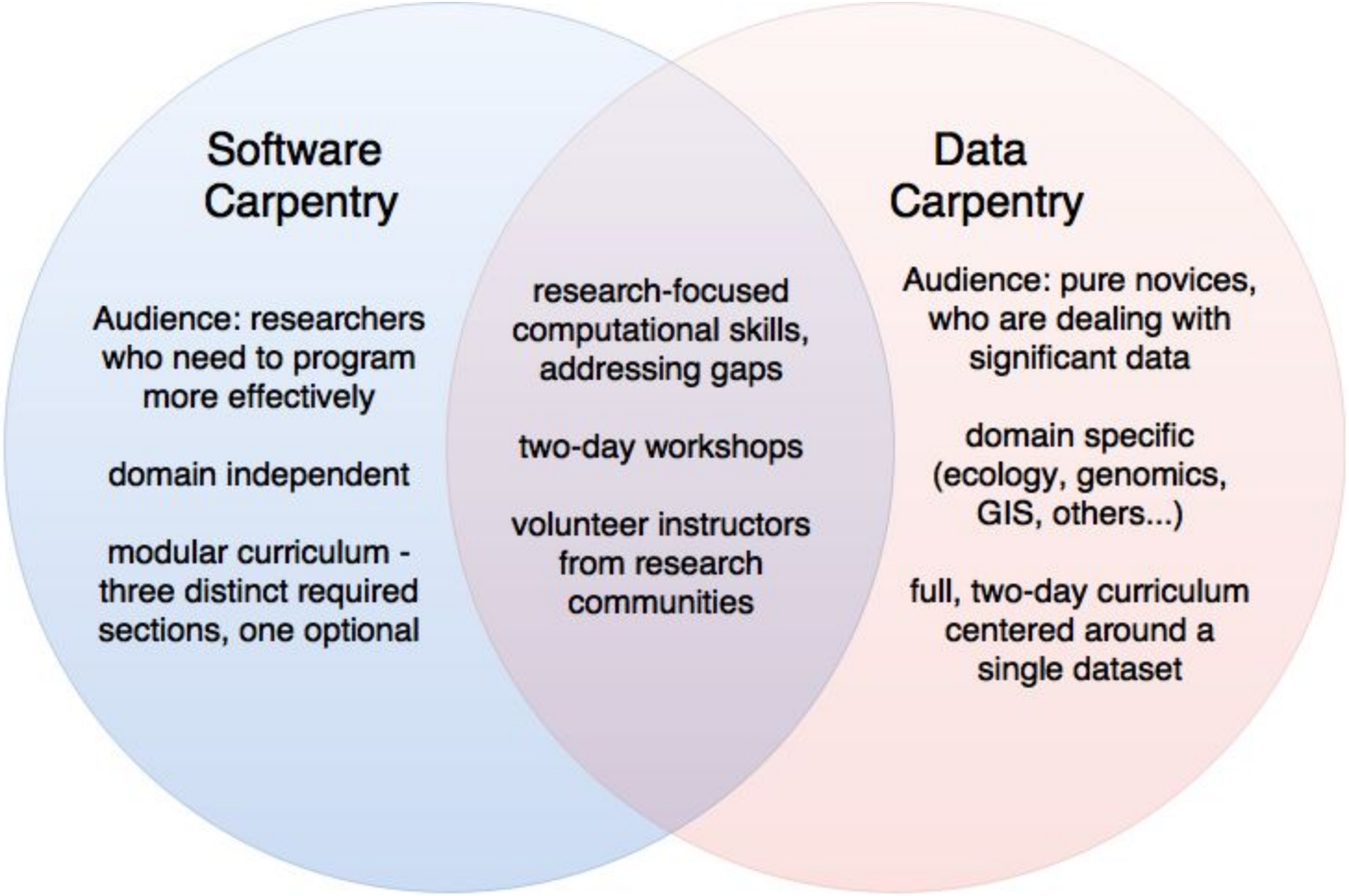
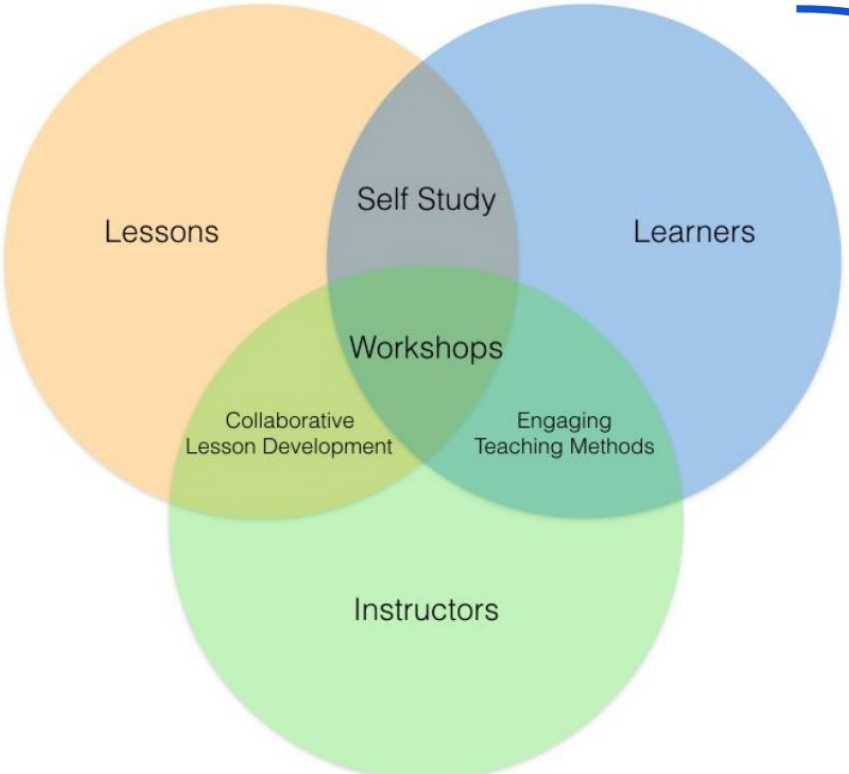

Software Carpentry
Audience: researchers who need to program more effectively
domain independent
modular curriculum - three distinct required sections, one optional
research-focused computational skills, addressing gaps
two-day workshops
volunteer instructors from research communities
Data Carpentry
Audience: pure novices, who are dealing with significant data
domain specific (ecology, genomics, GIS, others...)
full, two-day curriculum centered around a single dataset

The Carpentries Ecosystem



Code of Conduct

Software & Data Carpentry are dedicated to providing a welcoming and supportive environment for all people, regardless of...

https://software-carpentry.org/blog/2016/03/venn-diagram.html

https://software-carpentry.org/conduct/

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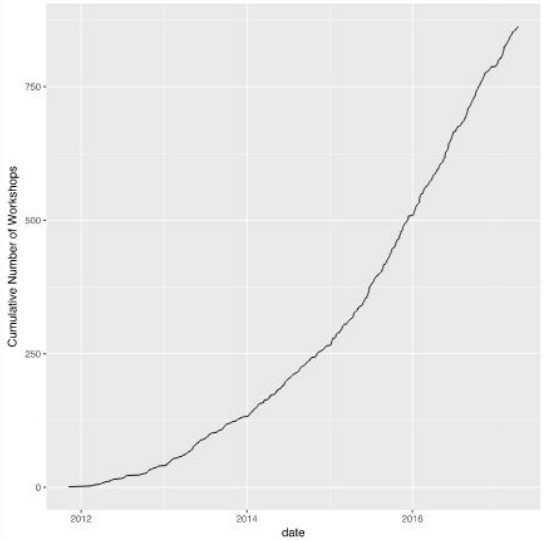
Workshops



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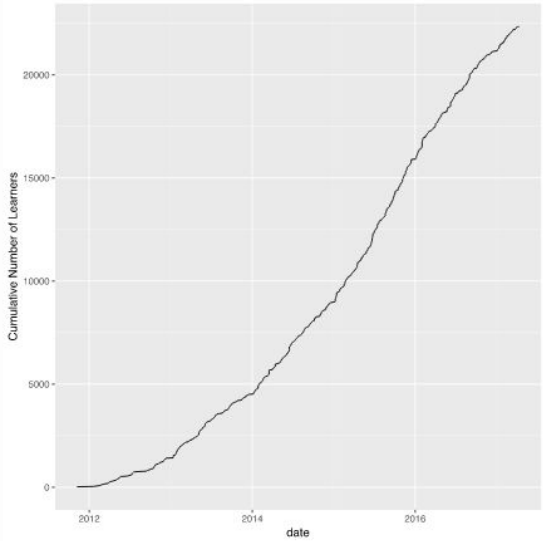
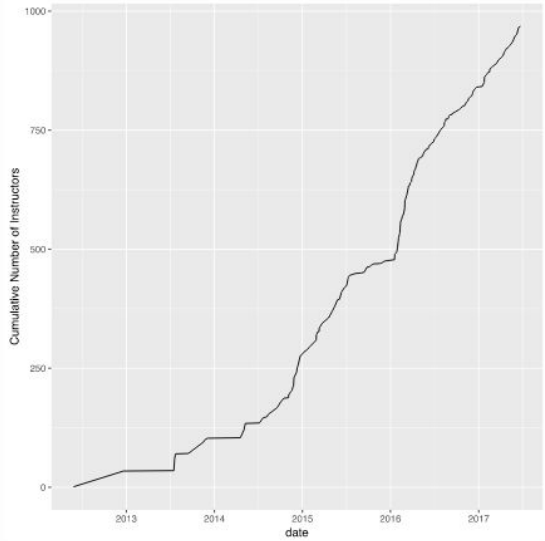
Learners



n=22,353

Instructors

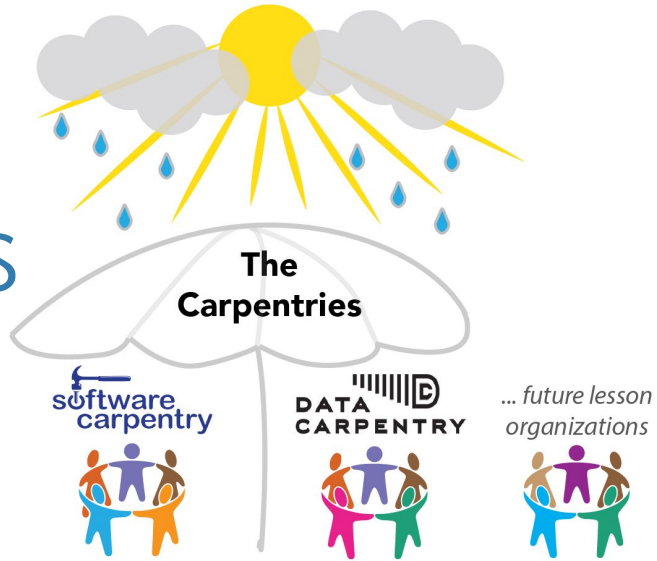


n=968

Stats updated on 2017-06-26

https://software-carpentry.org/about/

THE CARPENTRIES



***DRAFT* Responsibilities of the Carpentries**

Coordinate with partners and grant agencies
Manage and report on finances
Prioritize staff time for lesson organizations
Instructor training
Develop consistent cross-Carpentries policies
Promote synergy between lesson organizations
Reduce redundancies between lesson organizations
Workshop organization and administration
Develop shared infrastructure
Community development and communication
Develop and maintain technical resources
On-board new lesson organizations

***DRAFT* Responsibilities of Lesson Organizations**

Maintain communication with the Carpentries
Follow policies outlined by the Carpentries
Regularly report on activities
Develop and maintain curricula
Teach workshops
Have an Advisory Committee

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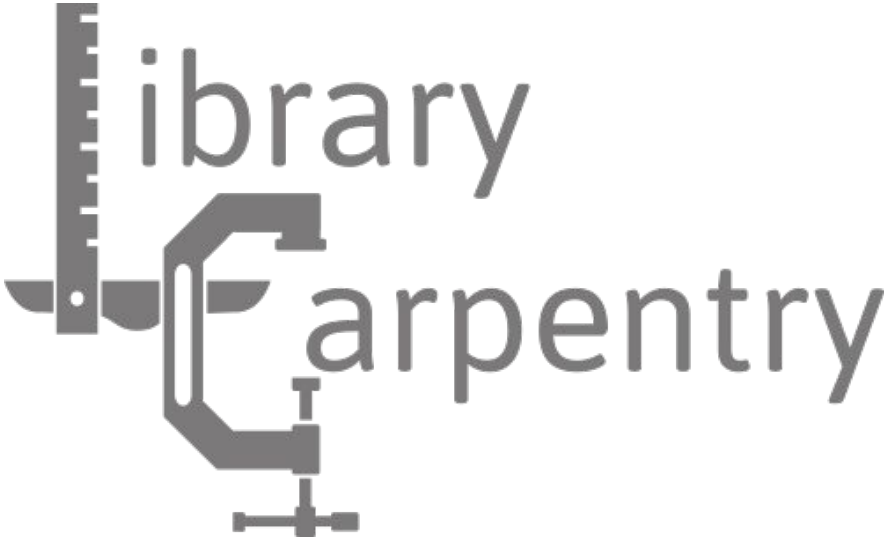
LIBRARY CARPENTRY



LIBRARY CARPENTRY

UCLA

Helps librarians to:

- automate repetitive tasks
- work effectively with IT and systems colleagues
- create, maintain and analyse sustainable and reusable data
- better understand and support the use of data/software in research
- *and much more…*

LIBRARY CARPENTRY

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- For librarians, by librarians
- Relies heavily on the pedagogy, structures, norms of the Carpentries
- Welcoming & safe learning environment
- Collaborative environment for building & improving training modules

LIBRARY CARPENTRY

UCLA

https://repository.ubuntunet.net/handle/10.20374/98

LIBRARY CARPENTRY

UCLA

versus

https://repository.ubuntunet.net/handle/10.20374/98

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Lesson Development

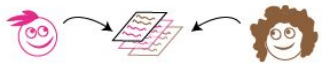
UCLA

Nov. 15, 2015

- James Baker started at British Library
- 4 contributors
- Lessons on Data Into, Shell, Git, OpenRefine
- In more fixed documents, such as, slides and word
- One-off over 4 weeks

Dec. 9, 2017

- 32 Contributors
- Lessons modularized & made consistency
- Each lesson has 2 maintainers
- Added Python, SQL, & Webscraping lessons
- Gitter group chat
- 2 lesson sprints organized by Belinda Weaver catalyzed lessons/community



Etherpad Sign-up

UK, University of Sheffield, Time zone BST (UTC+1)
Registration for Sheffield: https://ti.to/Mozilla/global-sprint-sheffield
Location: Bartolome House
Organiser: Jez Cope/Anna Krystalli
Attending:
Name / Github username / Twitter handle
1. Jez Cope / jezcope / jezcope
2. Anna Krystalli / annakrystalli / annakrystalli

British Library, London, Time zone BST
Registration for London: https://ti.to/Mozilla/global-sprint-britishlibrary
Location: Learning Room 2, Lower Ground Floor
Organiser: Nora McGregor
Attending:
Name / Github username / Twitter handle
1. Nora McGregor / ndalyrose / @ndalyrose
2. James Baker / drjwbaker / j_w_baker
3. Charlotte Kostelic / charlottekostelic / @chuckkostelic
4. Owen Stephens / ostephens / @ostephens
5. Jenny Bunn
6. Livvy Adjei
7. Eva Jirjahlke
8. Sanayah Malik
9. Alex Mendes
10. Amelie Roper

Norman, Oklahoma, Time Zone CDT (UTC -5)
Registration for Norman: https://ti.to/Mozilla/global-sprint-norman
Location: Bizzell Memorial Library, LL121E (Digital Scholarship Lab)
Organiser: Sarah Clayton
Attending:
Name / Github username / Twitter handle
1. Sarah Clayton / sclayton29 / @sclayton29
2. Mark Laufersweiler / laufers / @laufers I will be on travel these 2 days but will join in when I can

Denton, Texas, Time Zone CDT (UTC -5)
Registration: https://ti.to/Mozilla/global-sprint-denton-tx
Location: Willis Library, Room 250C
Organiser: Lauren Ko
Attending:
Name / Github username / Twitter handle
1. Lauren Ko / ldko /

UCLA

The Carpentries in Australia
Software, Data and Library Carpentry Australian workshops and news

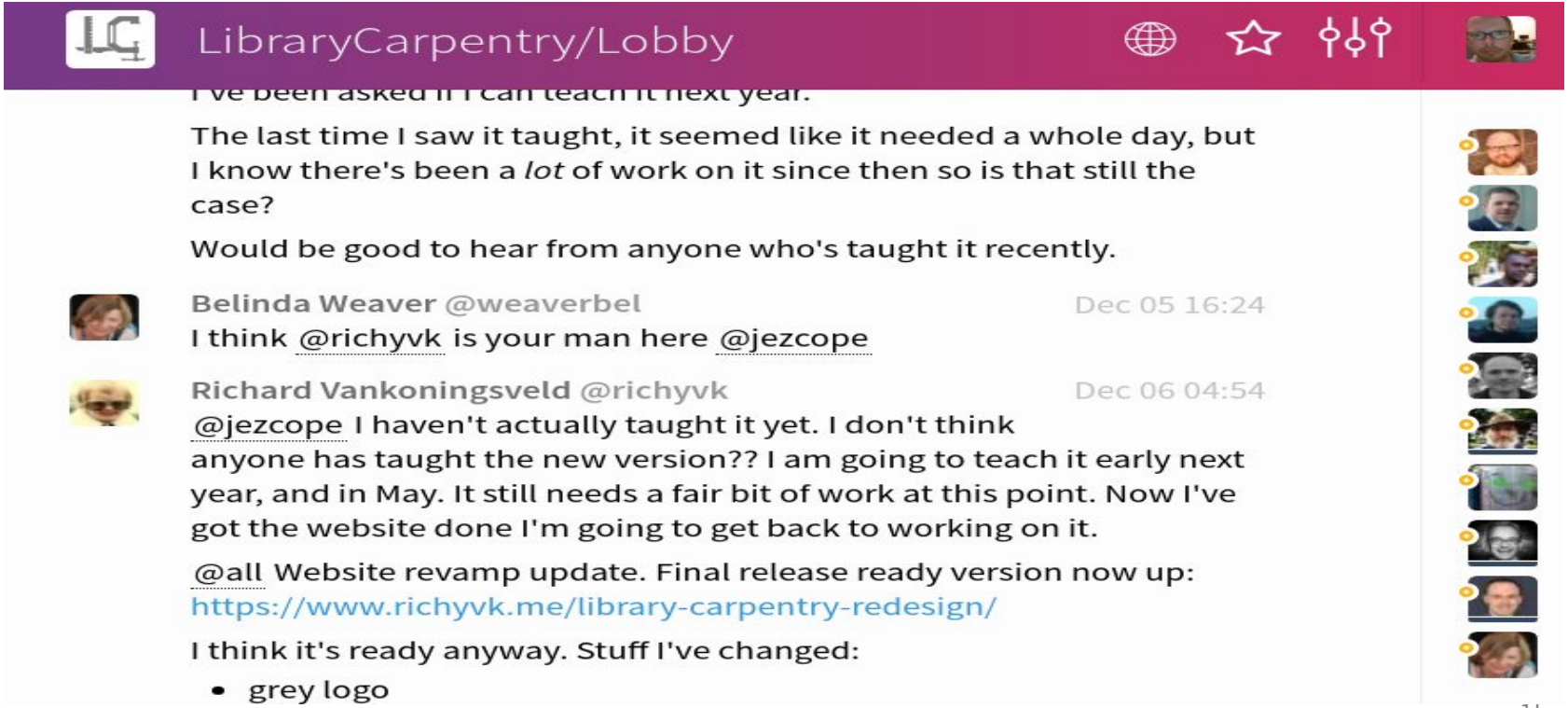
Blog About

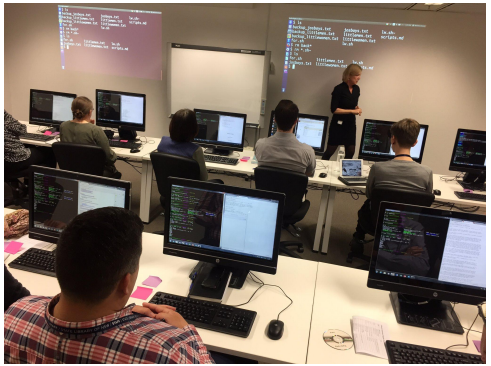
Library Carpentry sprint, 1-2 June, 2017

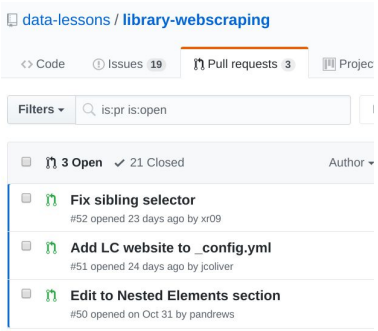
The Library Carpentry sprint is part of the 2017 Mozilla Global Sprint, which will take place worldwide on 1-2 June, 2017. Check out our sprint entry on Mozilla Pulse. For those new to the field, a sprint is like a hackathon - it is a way to get people working together to create, update or extend open projects like Library Carpentry.

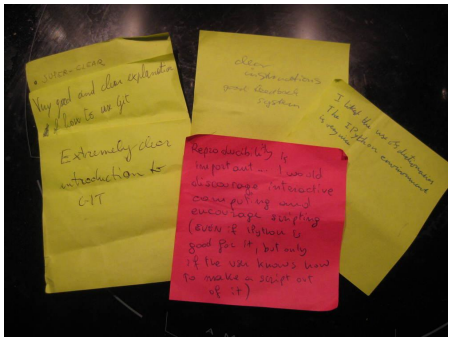
Join us to be part of it!

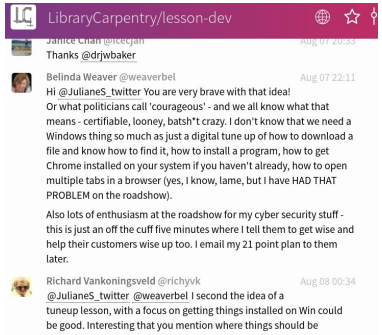
Build Community Around Lessons






data-lessons / library-webscraping
Code
Issues 19
Pull requests 3
Projec
Filters
is:pr is:open
3 Open
21 Closed
Author
Fix sibling selector
#52 opened 23 days ago by xr09
Add LC website to _config.yml
#51 opened 24 days ago by jcoliver
Edit to Nested Elements section
#50 opened on Oct 31 by pandrews




LibraryCarpentry/lesson-dev
Janice Chan @icecjan
Thanks @drjwbaker
Belinda Weaver @weaverbel
Aug 07 22:11
Hi @JulianeS_twitter You are very brave with that idea!
Or what politicians call 'courageous' - and we all know what that means - certifiable, looney, batsh*t crazy. I don't know that we need a Windows thing so much as just a digital tune up of how to download a file and know how to find it, how to install a program, how to get Chrome installed on your system if you haven't already, how to open multiple tabs in a browser (yes, I know, lame, but I have HAD THAT PROBLEM on the roadshow).
Also lots of enthusiasm at the roadshow for my cyber security stuff - this is just an off the cuff five minutes where I tell them to get wise and help their customers wise up too. I email my 21 point plan to them later.
Richard Vankoningsveld @richyvk
Aug 08 00:34
@JulianeS_twitter @weaverbel I second the idea of a tuneup lesson, with a focus on getting things installed on Win could be good. Interesting that you mention where things should be

Build Capacity

UCLA

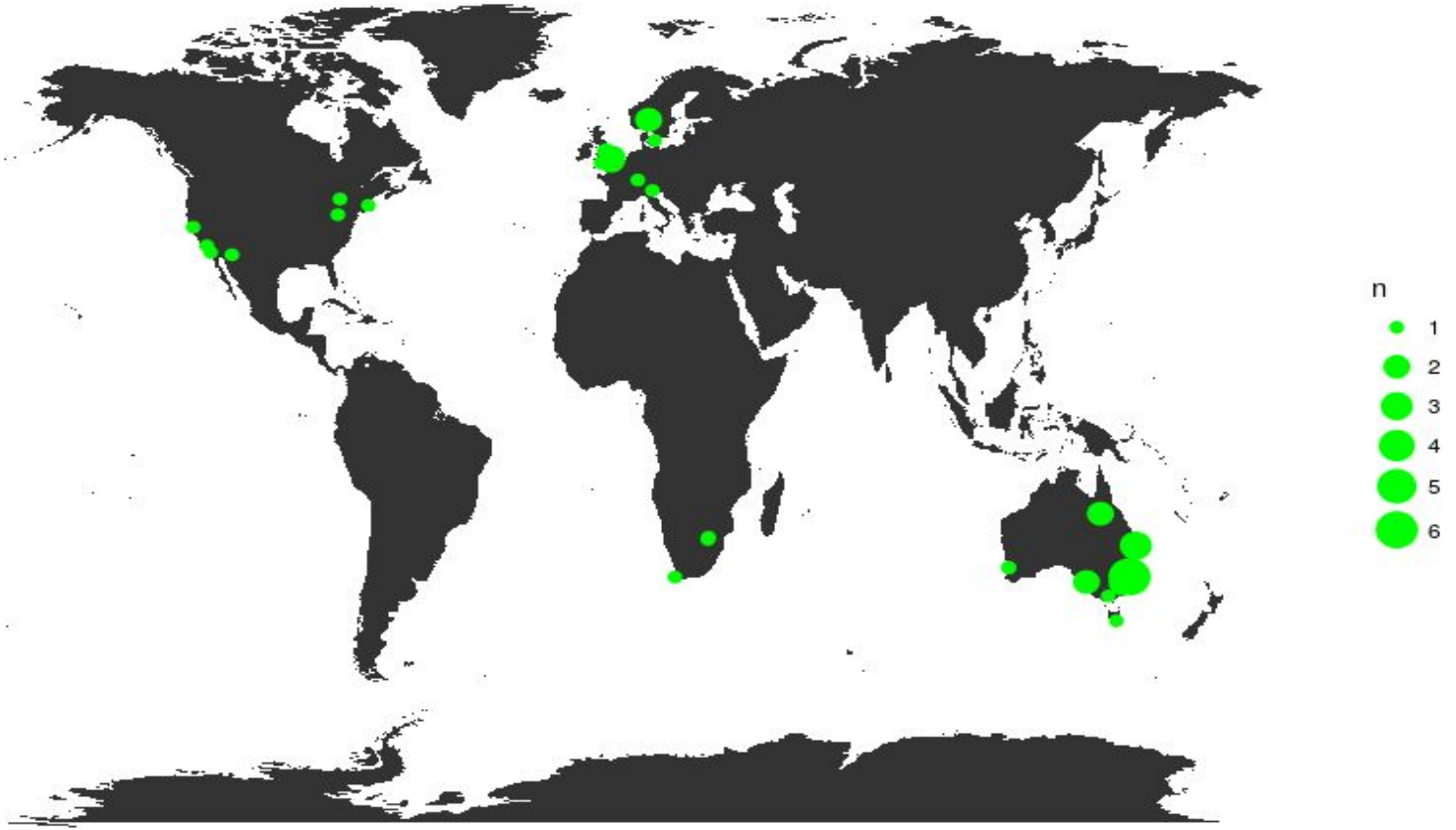
- First cohort of librarian-focused Carpentries Instructor training

UC3

UCLA

Workshops

Library Carpentry Workshops: 11/2015-11/2017



44 Total Workshops

And many more!

Next Steps

Challenges

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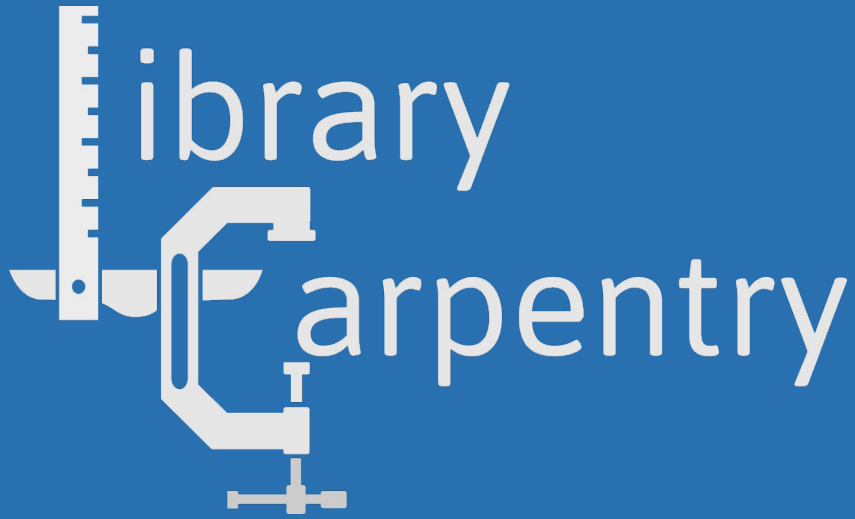
- Need infrastructure and staff to grow and respond to burgeoning demand
- Need a steering committee that can engage with funders
- Need to establish ground rules about what kind of community we are
- Need a formal assessment program (current on is ad-hoc)
- Need more library professionals to join us as teachers and lesson contributors

Recent Developments

UCLA

- An IMLS grant won by CDL's UC3 to fund Library Carpentry coordinator role
- Interim committee formed to shepherd a merge with the Carpentries as a lesson organization
- A interim steering committee is forming work on the details and logistics of a merge



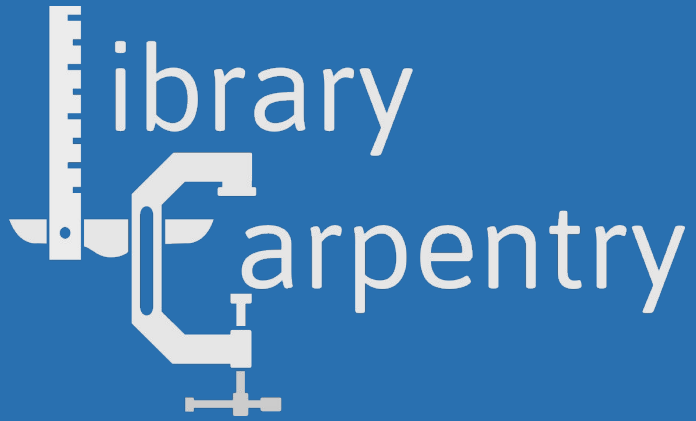
UCLA

Thank You

Tim Dennis, UCLA, @jt14den
John Chodacki, UC3, @chodacki

Juliane Schneider, Harvard, @JulianeS
Tracy Teal, Carpentries, @tracykteal

@LibraryCarpentry



UCLA

Join Us!

- Chat: https://gitter.im/LibraryCarpentry/Lobby
- Web: https://librarycarpentry.github.io/
- Twitter: https://twitter.com/LibCarpentry
- Riverside LC: https://goo.gl/ZiryrT