



The Carpentries

Questions from Homework



- FAQ: <http://software-carpentry.org/faq/>

History

- 1998: Software Carpentry co-founded by Brent Gorda and Greg Wilson
- 2004-2005: materials released under CC-BY
- 2010-2011: current two-day workshop model with standard curriculum emerges
- 2015: became non-profit organisation, Software Carpentry Foundation (SCF)
- ...2013: Software Carpentry community identifies need for training to handle data

Software and Data Carpentry



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

What Costs What?

Software Carpentry



- Instructors are volunteers, host sites cover travel & accommodation costs
- **Self-organised: optional donation (\$500?)**
 - Free to run without admin assistance
 - Follow curriculum, one badged instructor
 - Let us know!
- **Non-profit organisation: \$2500**
 - e.g. university of government lab
 - Not including instructor travel & accommodation costs
- **For-profit institution: \$10000**
 - e.g. a company
 - Not including instructor travel & accommodation costs
 - \$7500 used to underwrite workshops at institutions that couldn't afford them
- Strive to be a global project, support diversity in science
 - Aiming to offer workshop to further these goals?
 - Get in touch about possibility of waiving admin fee at non-profit/for-profit scales

What Costs What?

Data Carpentry



- Cost of hosting workshop is both admin fee and travel expenses for instructors
- **Workshop Administration Fee: \$2500**
 - For non-profit organisations e.g. universities, government labs
 - For a for-profit organisation, get in touch
 - Partial/full waivers considered on as-needed basis
- **Travel expenses for instructors: ~\$2000**
 - All instructors are volunteers
 - Host needs to cover travel expenses
 - Can work to find local instructors
 - Suggest ~\$2000 for travel, food, accommodation

In Practice...



- Teaching materials
 - Can use for any purpose (CC-BY 4.0)
 - Should tailor materials to fit purpose and audience
- “Software Carpentry” & “Data Carpentry” terms and logos trademarked. Can use name in workshop if
 - It covers the core topics
 - At least one instructor is certified
 - You run our pre/post workshop questionnaires
 - Send summary information about attendees
- Instructors must be certified for type of workshop
- Must create a one-page workshop website...

Exercise

Split into groups of 2 or 3 (including someone with Git knowledge a bonus!)

Follow the instructions to create a new workshop repository for a workshop in Antarctica, scheduled for August 17-18 2017.

from the template at

<https://github.com/swcarpentry/workshop-template>.

Customise the repository copy, e.g. add yourselves as instructors, make up some names for helpers

Don't proof your changes on local machine at this stage e.g. using Git command line – can get complicated!

Make notes on what worked, and what didn't, in Etherpad as you go along

- <http://bit.ly/ITMet2016>

The Carpentry Community

- [Software](#) and [Data](#) Carpentry websites, blogs
- Lesson materials hosted on GitHub
 - Contributions & discussions via GitHub pull requests and issues
 - Published using GitHub pages
 - Lesson [template](#)
- Public discussion lists
 - Teaching practices, job postings, announcements
- Data Carpentry discussion forum
- Twitter
- Democratic governance
 - Steering Committee (7 members) elected annually by its membership
 - Membership - instructors having taught over last two years
 - Would like 'Carpentry to take new direction? Want to do more? Put your name forward!