

The Carpentries - Lessons Learned

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Introduction

- Responsible: Lex
- Including Motivation & intended audience

This is an update of [1].

History

- Responsible: Greg/Jonah
- Pre 2014 - Greg
- Post 2014 - Jonah to outline, others to add

What we do

- Responsible: Lex
- Workshops
- Collaborative lesson development

How we do it

- Responsible: Maneesha
- (section “4 Small things add” up from F1000 paper)
- The handbook (documentation, documentation, documentation)

- Lesson infrastructure/contributor model

Who does it

- Responsible: Maneesha
- Instructor Training
- Community development (?)

Building an organisation to do it

- Responsible: Lex (with help from others)
- SWC, DC, LC -Tim
- SWC+DC+LC => The Carpentries - Tim, Kari
- Governance - Lex
- Funding - Kari?
 - How do we get people to pay for this? What works/doesn't work?
- Core Team - Kari?
- The legalities involved - Kari
 - working with fiscal sponsorship
 - hiring and firing (internationally!)

The value of values

- Responsible: Kari
- Do we need a better title for this section?
- The Carpentries Values
- Includes CoC, incident response and CoCc
- Equity, diversity, inclusion

How did we cope with the Pandemic?

- Responsible: Aleks/Tim
- 'Pre-adapted' to switching to online teaching
- Does online levels the teaching field for people around the world - people may not need to travel but people without the Internet are excluded
- The process leading to the Carpentries recommendations for teaching online
- Long-term changes due to it

- Professional development / continuing education in the form of Bonus Modules for online teaching and setting foundation for other topics

Does it work?

- Responsible: Maneesha/Aleks
- Metrics on workshops, instructors, ...
- Assessment
- Impact beyond the Carpentries (?)
- Becoming an internationally recognised brand
- Collaboration with other communities and institutions, feeding off each other and helping each other grow (RSE community, the UK's Software Sustainability Institute, CodeRefinery, etc.) - Aleks

Where are we going

- Responsible: Kari
- Geographic growth

What have we not yet solved

- Responsible: Kari
- merge with previous section?
- Why haven't we seen growth in certain parts of world, certain types of universities
- How do people join a global and distributed community if they don't have reliable internet access?
- Skills based assessments vs general impact survey
- Workshops specifically serving women

References

1. Wilson G. Software Carpentry: Lessons learned. F1000Research. 2016;3:62. doi:10.12688/f1000research.3-62.v2