



US Research Software Sustainability Institute (URSSI) Pilot “Summer” School

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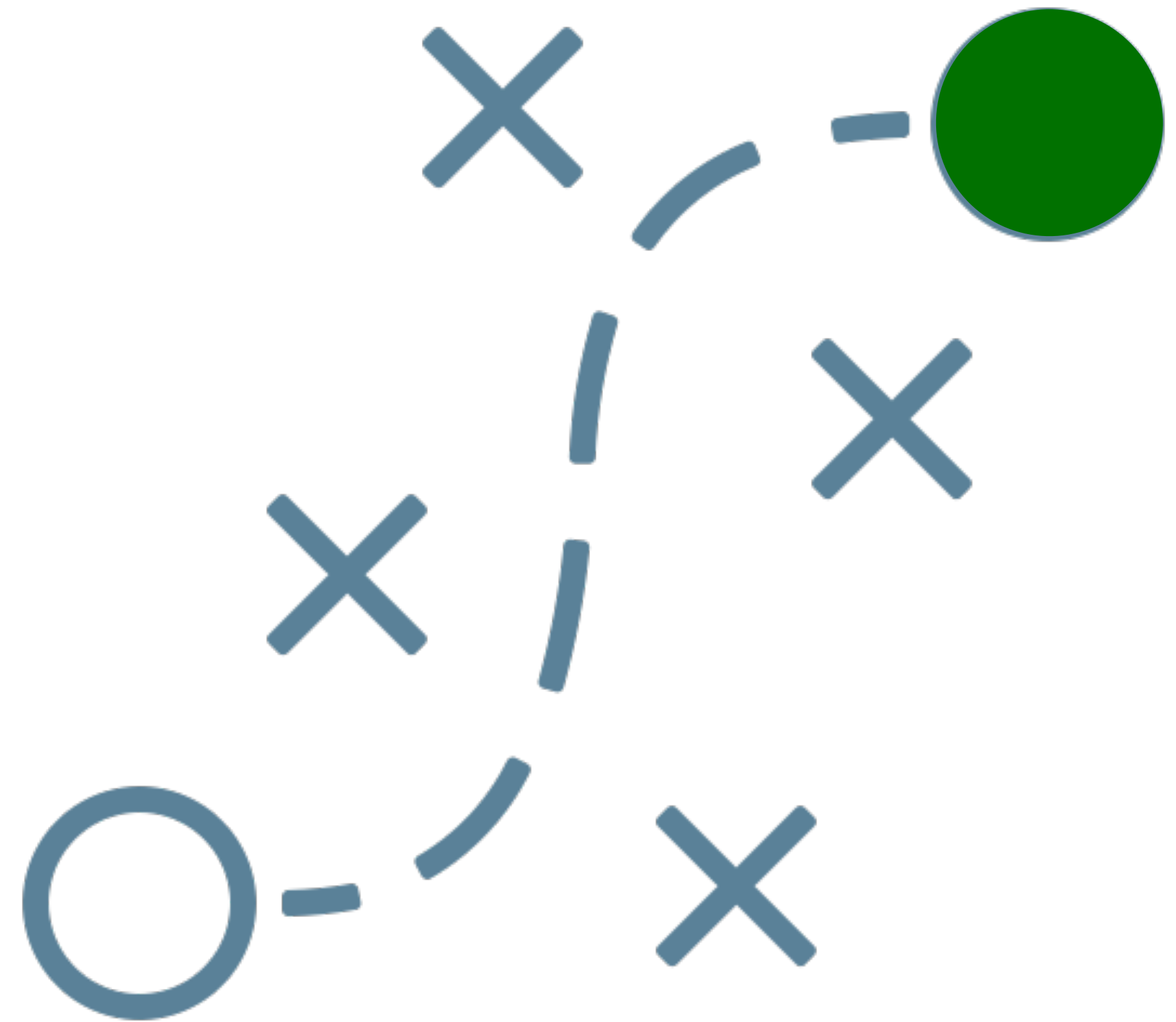


US
Research
Software
Sustainability
Institute

*URSSI PIs. Other PIs: Daniel S. Katz, Nic Weber, Sandra Gesing

URSSI mission

To improve the **quality**,
usefulness, and
sustainability of **research**
software by **improving**
practices and **increasing**
diversity of practitioners



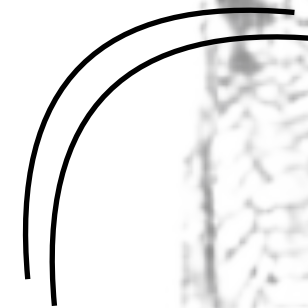
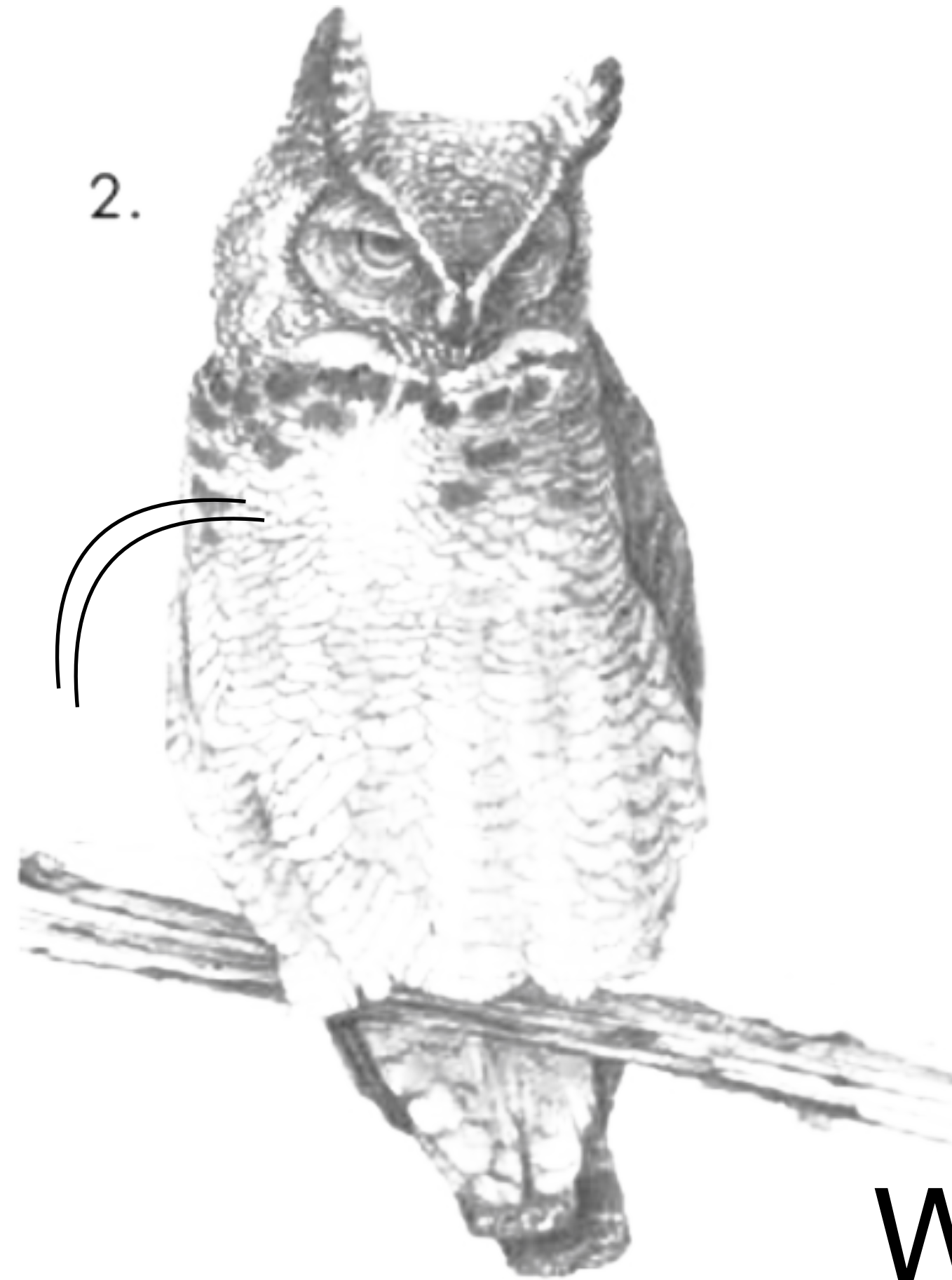
What we train
people for



1.



2.



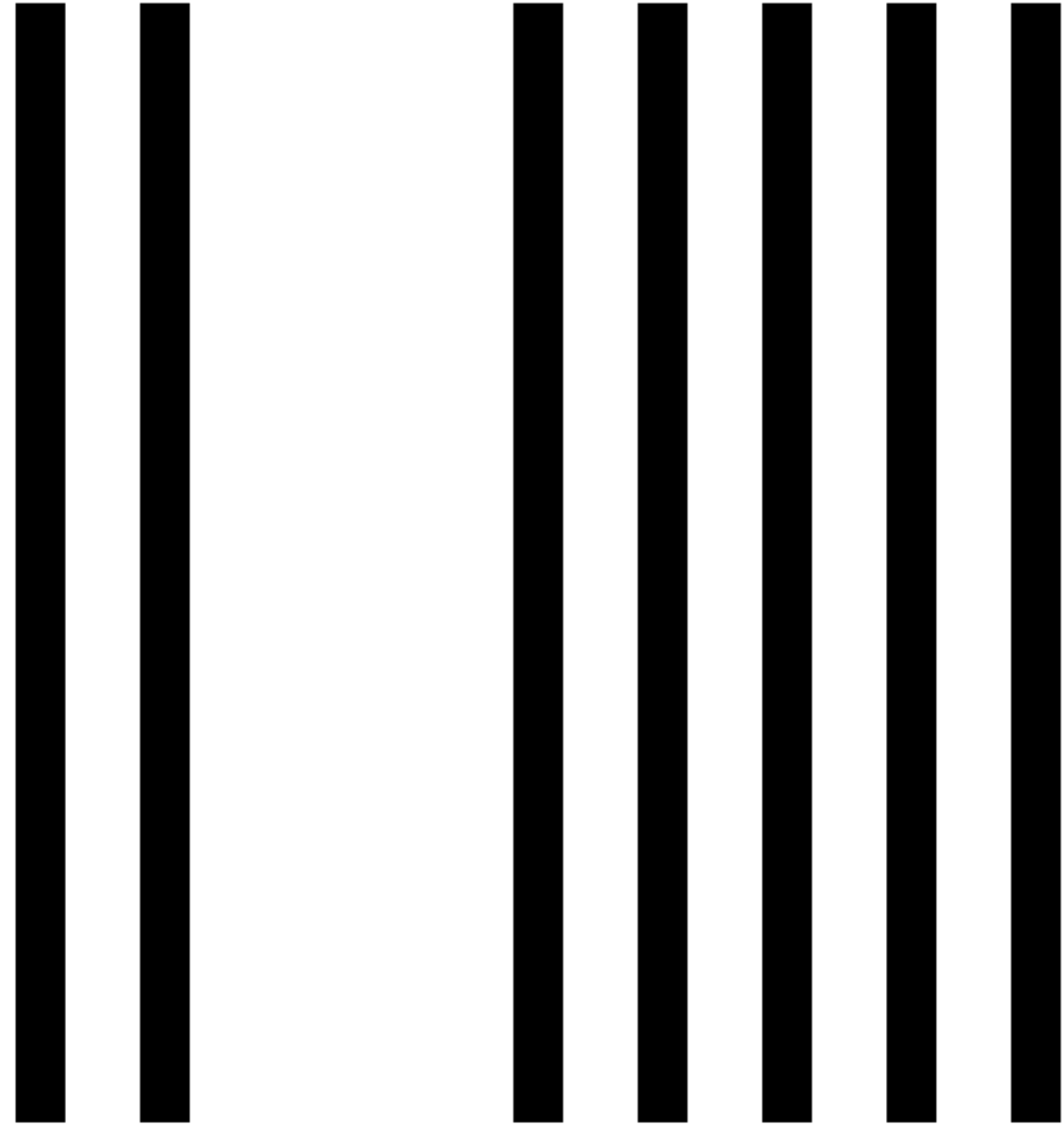
What we expect
of them

Live Demo!

How many of you:

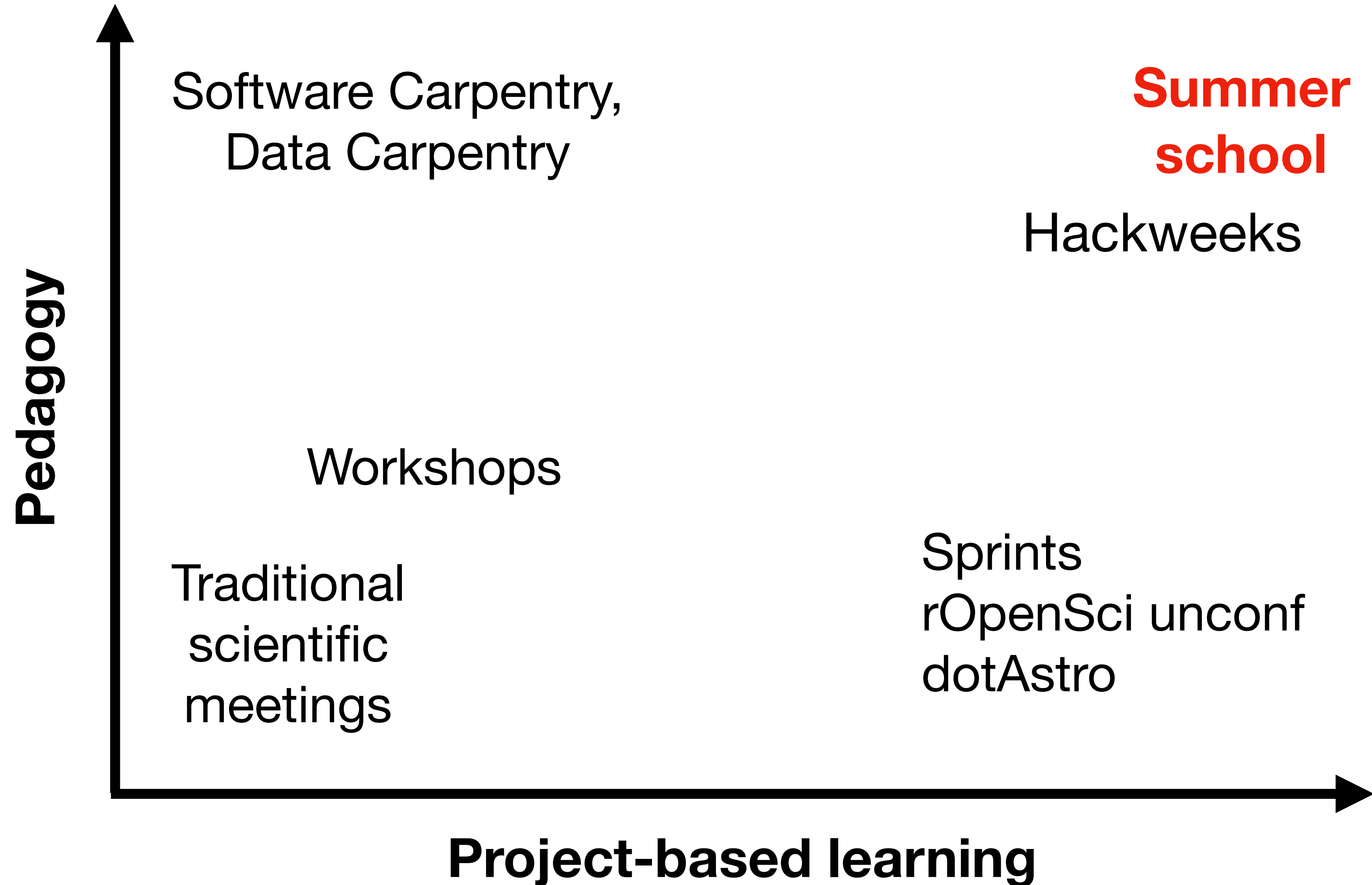
(a) write research software?

(b) were trained to do this?



There are **large gaps** in
software engineering
training for researchers.

Training landscape

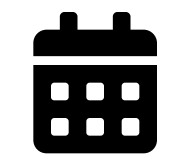


Pilot “Summer” School

Topics:

- Software design and modularity
- Collaborative software development via GitHub
- Software testing in Python
- Peer code review
- Packaging and distributing Python software
- Documentation
- Licensing, open sharing, and software citation

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December 17–19, 2019



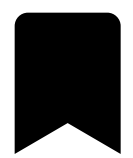
eScience Institute at the University of Washington
Seattle, WA



Early career researchers (i.e., grad students, postdocs)



Free (supported by NSF grant)



urssi.us/winterschool



urssi.us/winter-school-application