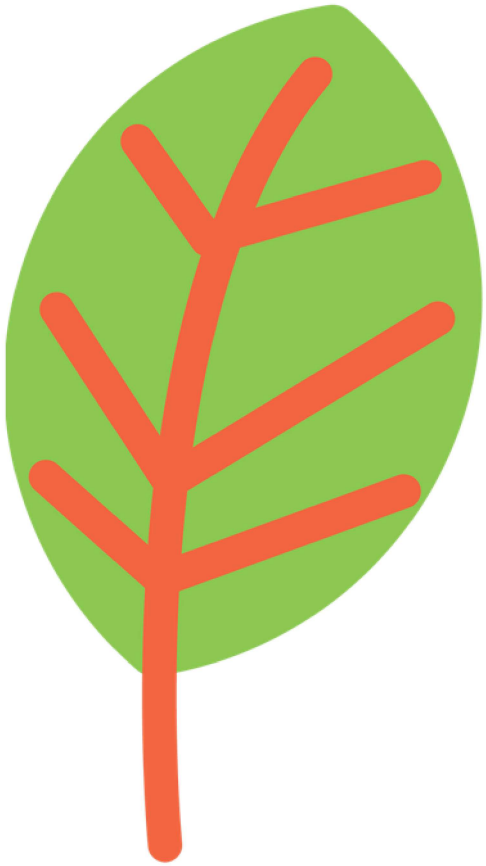
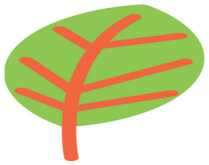
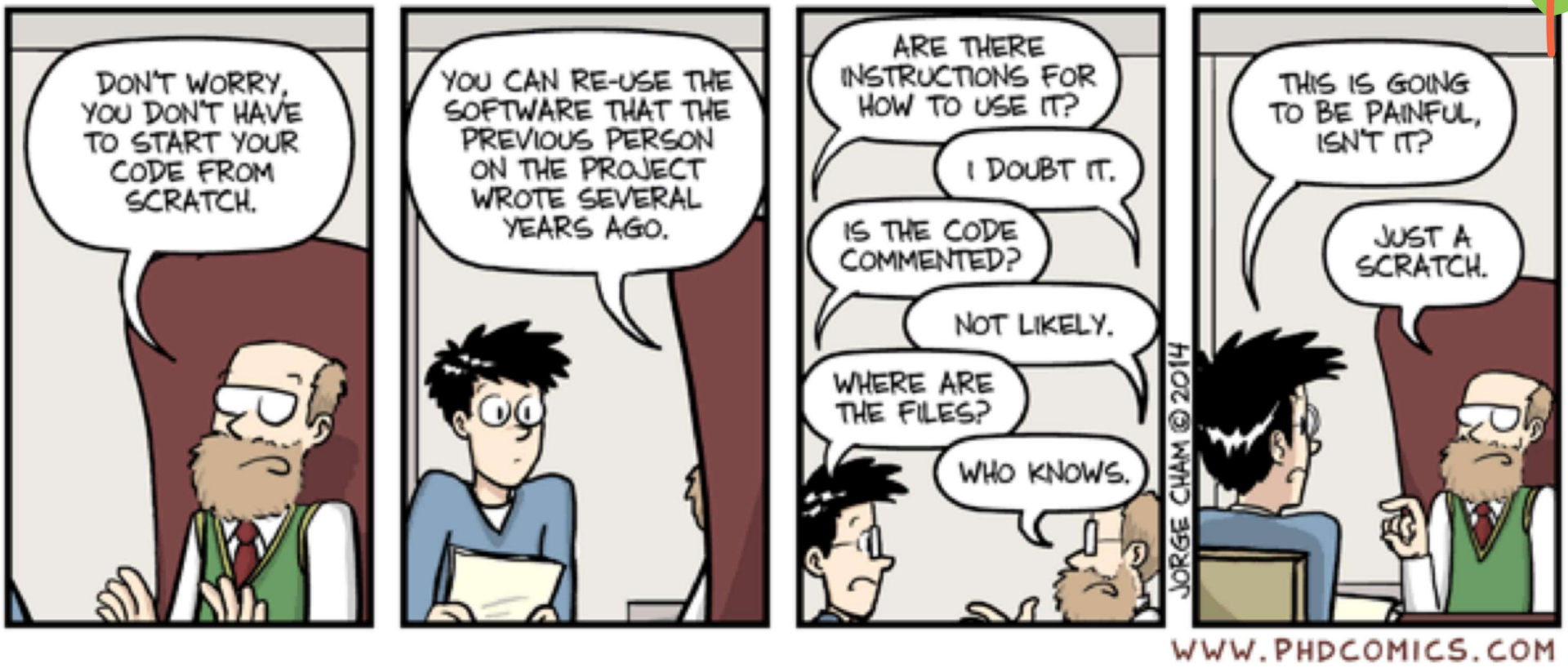




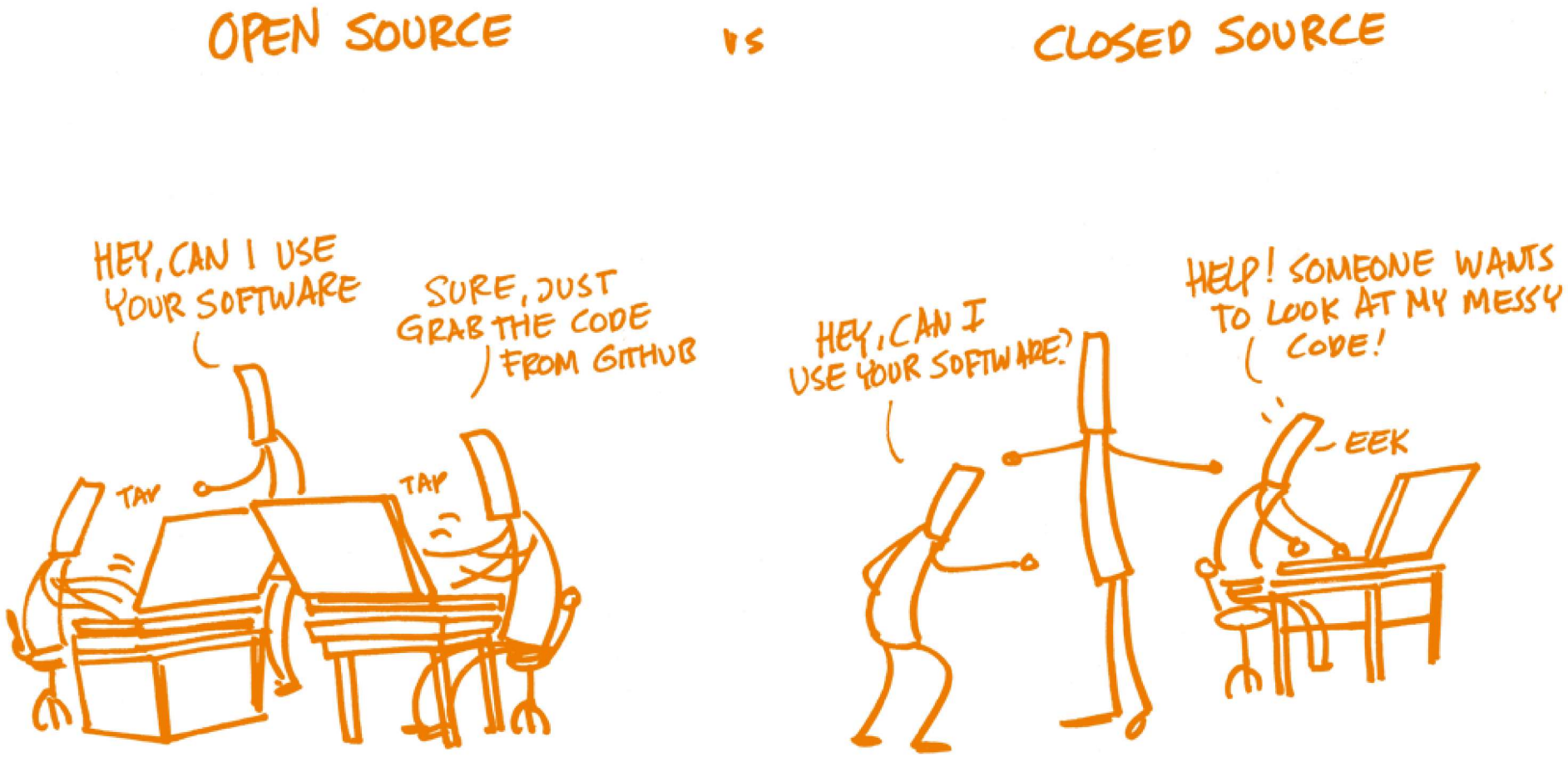
Open Code & Tools

Matt Grainger

Why produce open tools and code?



Common misconceptions about open software and code



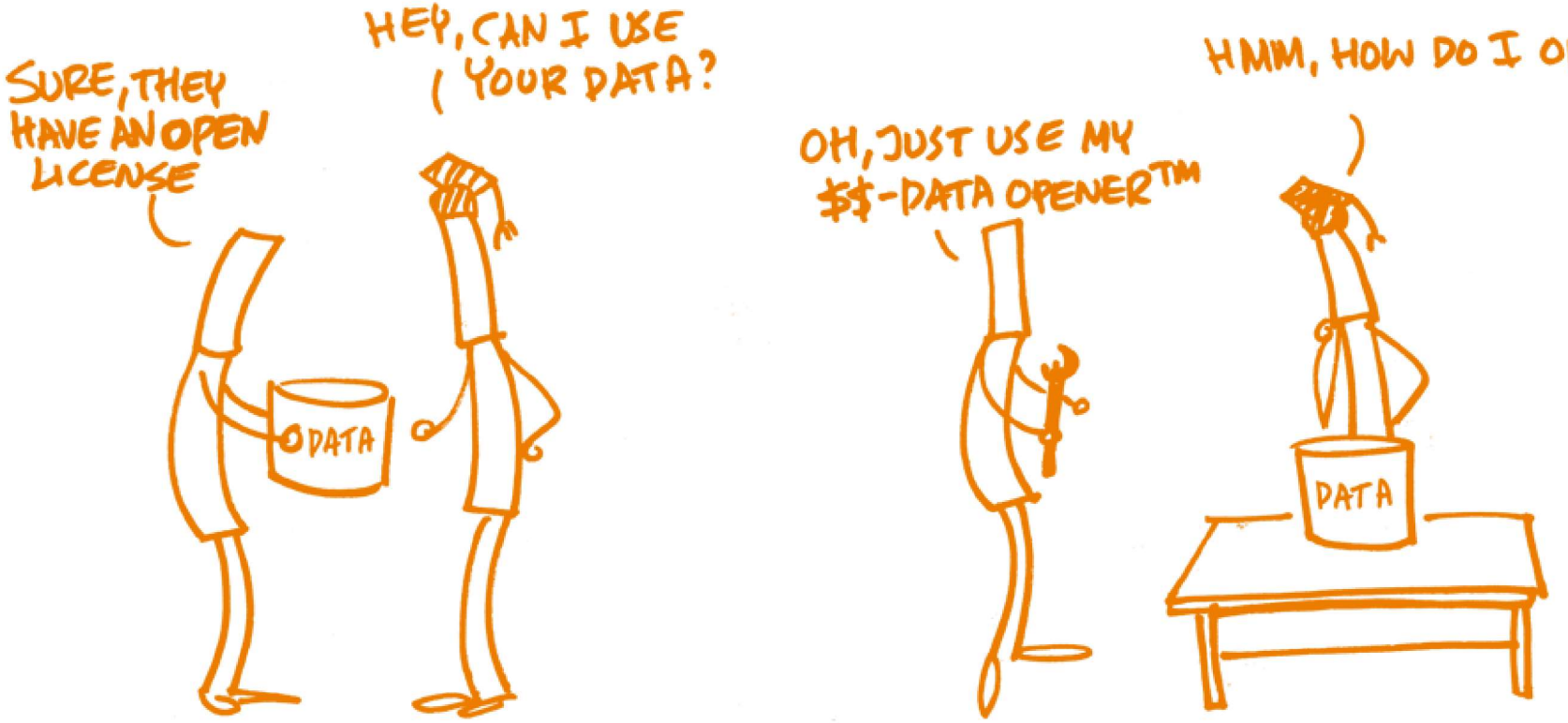
Barnes (2010) (https://www.nature.com/articles/467753a)

My code is not good enough “if your code is good enough to do the job, then it is good enough release—and releasing it will help your research and your field.”

People will demand support and bug fixes. "Publishing code may see you accused of sloppiness. Not publishing can draw allegations of fraud. Which is worse? Nobody is entitled to demand technical support for freely provided code..."

It is too much work. "For scientists, the word publication is totemic, and signifies perfectionism. But...the original code can be published as supplementary information, available from an institutional or journal website."

Code and tools without a license are not open



Open Code...

All code for this presentation is available here: https://github.com/DrMattG/OpenCode-Tools (https://github.com/DrMattG/OpenCode-Tools)

Living Norway
Ecological Data Network

Images come from The Open Science training handbook: https://open-science-training-handbook.github.io/ (https://open-science-training-handbook.github.io/)