

NumFOCUS & Sustainable Software

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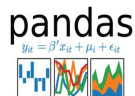
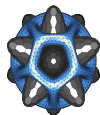
University of Illinois Urbana-Champaign
presenting for Christie Koehler





Mission: to promote high-quality, reproducible scientific research by supporting open source scientific computing and data science projects.

1. educational programs & events



2. fiscal sponsorship



3. open source sustainability program



Alfred P. Sloan
FOUNDATION

Despite importance to their users,
foundational projects in the scientific
computing & data science ecosystem
tend to operate with **very few resources**
and **without a long-term sustainability**
model

A “sustainable” project has:

- the capacity to respond to changing circumstances such that it continues to be useful and performant
- maintainers who are not overburdened
- broad and vital contributor base
- processes for leadership development & succession

Funding is a big factor, but not the only one

Late 2016, NumFOCUS, with generous support from Sloan Foundation, created its **Open Source Sustainability Program**

Christie Koehler joined in early 2017 to lead the program as Projects Director

Sustainability Program Goals

- **Connect** the NumFOCUS Projects **to each other** to jointly develop and share information on sustainability strategies,
- **Connect** Project leads with people with **relevant expertise** and to **key people in industry** where their projects are being utilized,
- **Develop and provide training** on skills related to **open source sustainability**, including fundraising and marketing,
- **Package and disseminate** this **curriculum** (Toolkit for Open Source Sustainability)
- Identify and provide common **infrastructure** needed to support sustainability of our member projects.
- Create a **strategic fundraising approach** for NumFOCUS, integrated across all its member projects.

1st Sustainability Workshop

October 2017 in Austin, TX

Brought together **50 project leads and key industry representatives** to explore **sustainability issues** of greatest concern and make **action plans**

8 Areas of 100% Common Ground Found

- Diversity
- Funding models
- Common infrastructure
- Knowledge Sharing
- Contributor Pipeline
- Public Advocacy
- Institutional Support
- Career Recognition

Report of complete **proceedings** of 1st Sustainability Workshop will be published **January 2018**

In the meantime, follow along here:

https://wiki.numfocus.org/Open_Source_Sustainability/Workshops/October_2017/Report

Get Involved!

bit.ly/nf-sustainability

wiki.numfocus.org/Open_Source_Sustainability

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