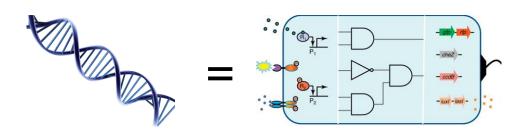
Nona Research Foundation

Creating a Synthetic Biology Software Commons

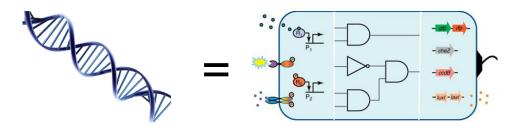
Curtis Madsen & Nicholas Roehner (Boston University)



DNA behaves like an electric circuit



DNA behaves like an electric circuit

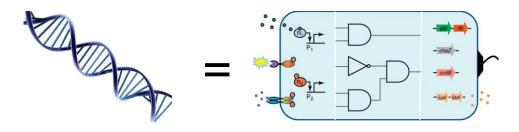


Analysis of such circuits demands software





DNA behaves like an electric circuit



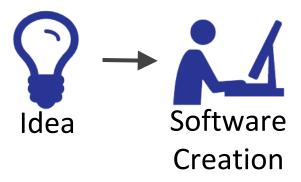
Analysis of such circuits demands software

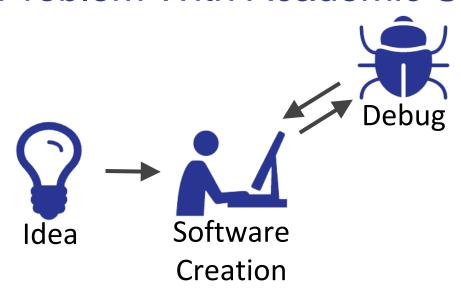


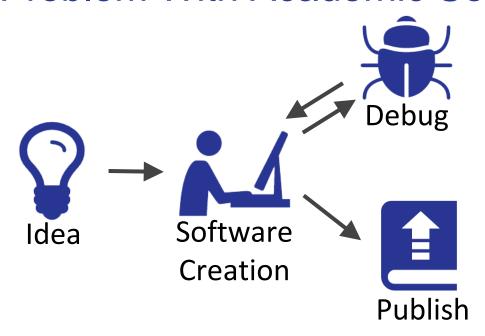


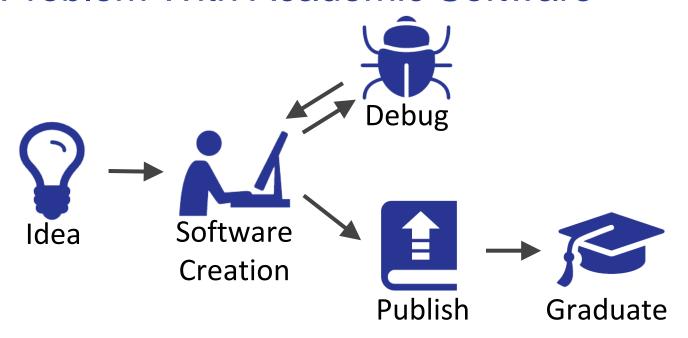
That's why RESEARCH FOUNDATION is here!

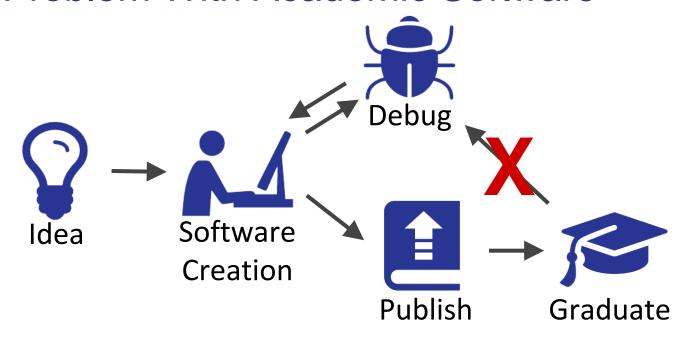


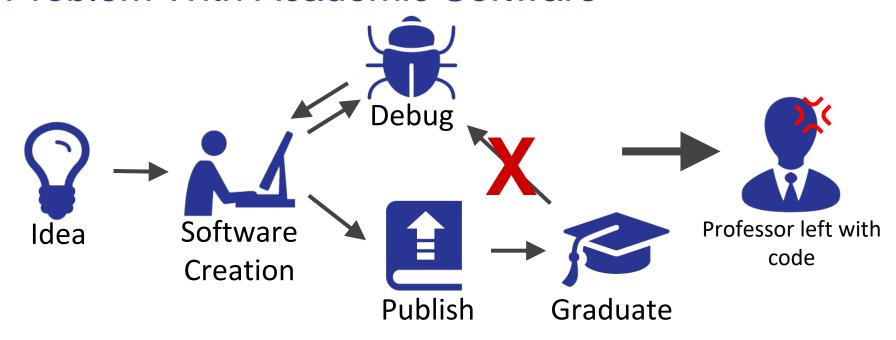




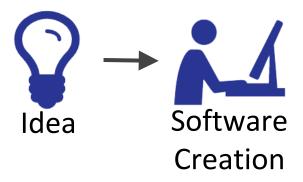


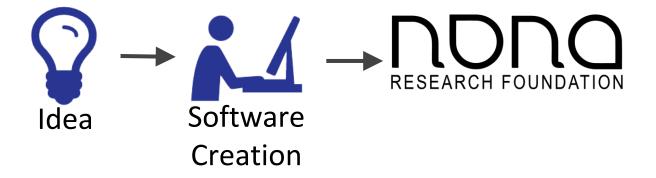






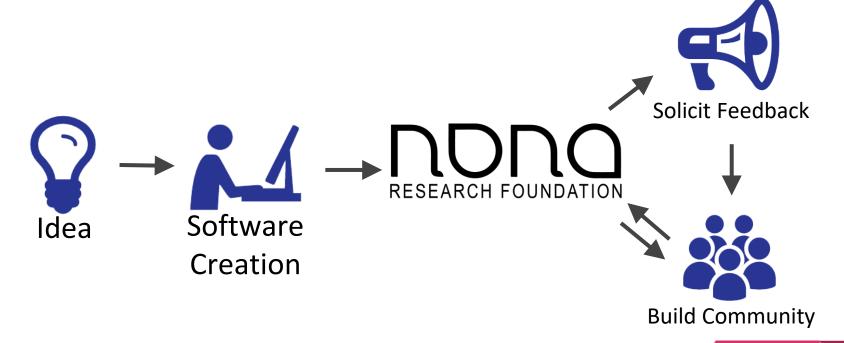


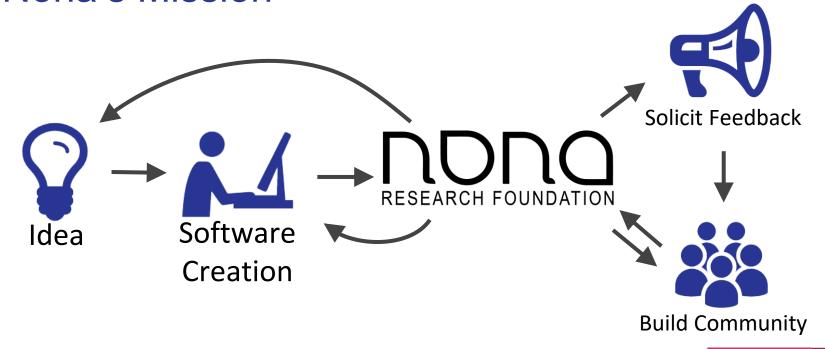












Benefits of Nona

Better Compatibility

Less Duplication

User Friendly

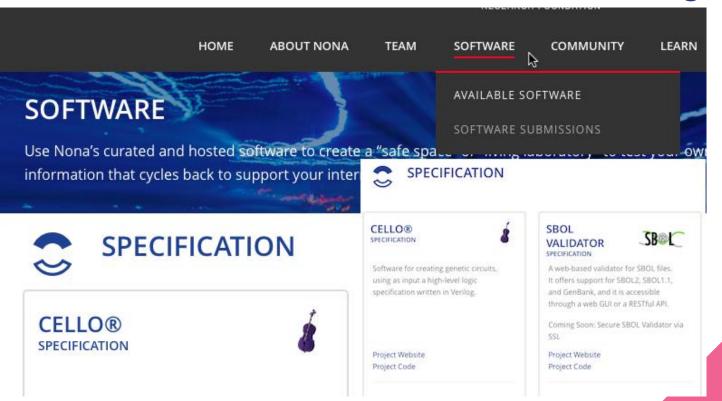
Crowd Sourced Usability

Better Organization

Nona Research Foundation Inc. is a non-profit public-benefit organization founded in 2013.

How to participate

Browse software at nonasoftware.org



Submit Software to Nona

Choose License

• Must be open source www.opensource.org



Submit Software

- Identify license type
- Provide "GitHub" link
- Provide documentation
- Choose search tags



Transfer Software

- Two options:
 - Curate/archive software
 - Host software



Create Community

- Promotional materials
- FAQs, Forums, etc.
- · Recruit "teams"



Software Activation

- Software access
- Software testing
- Software upgrading

Come to Nona Works

- 2 ½ Day Hackathon:
- ➤ February 2017
- ➤ In San Francisco at AutoDesk
- ~ 5 challenges from different sponsors
- Scholarships will be available

Biology:

- Synthetic Biologists
- Bioinformaticists
- Biological Engineers
- Computational Biologists

Software:

- Computer Scientists
- App Developers
- Electrical Engineers
- Information Technology

Nona Team



Douglas Densmore, PhD
President



Andrea Desrosiers
Executive Director



Prashant Vaidyanathan Development Support



Holly Million Fundraising



Avi Robinson-Mosher, PhDWyss Institute, Nona Clerk



Brian KlobucherRaytheon, Nona Treasurer



Chris Voigt, PhD MIT, Nona Board



Chris Anderson, PhD 20n, Nona Board

Presenters:



Curtis Madsen, PhD Boston University



Nicholas Roehner, PhD Boston University

nonasoftware.org/contact

