OBF in the Google Summer of Code

Bioinformatics Open Source Conference 2018

Michael R. Crusoe on behalf of Kai Blin & Roman Valls
Google Summer of Code

- Started in 2005
- “Flip Bits, not Burgers”
- 13,000+ students total
- 3 months, ~ US$ 5000
OBF in the Google Summer of Code

- Participated 7 times
- Did not get accepted in 2013
- 2015
2016 Wrap-Up

- **Manvendra Singh**: CWL Adding Python3 compatibility and improving mypy support for cwltool
- **Mariana Nave**: antiSMASH Migration to Template System
- **Tiago Jesus**: Bionode-Watermill - A Streaming Workflow Engine for Bioinformatics
- **Manikumar Perla**: antiSMASH SeqRecord access abstraction layer
- **Kapi Kumar**: CWL reference implementation modernization
- **Dimitris Pliakos**: ETE Tree matcher
- **Christian Fischer**: GeneNetwork Genome Browser
- **Nikos Patikas**: OpenMS Implement algorithms for the generation of high-resolution isotope patterns
2018 Active Projects

**Synchon Mandal**: Adding methods to cobrapy for improved constraint-based metabolic modelling.

**Megh Thakkar**: BioJS Backend Website Student Project

**Sarthak Sehgal**: Frontend Website Student Project for BioJS

**Edgar Garriga Nogales**: Research Object support for Nextflow

**Sophia Mersmann**: Improve Posterior Error Probability Estimation For Peptide Search Engine Results

**Hitesh Joshi**: bionode-watermill streaming between tasks
Outlook: 2019

• Already you can start collecting project ideas!:  
  
https://github.com/obf/GSoC

• Core OBF projects, step forward!
Thanks

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