

Organizations represented

Organization	GitHub Repository	Contact
cBioPortal for Cancer Genomics	https://github.com/cBioPortal	debruiji@mskcc.org , @inodb , https://slack.cbioportal.org
Open Bioinformatics Foundation	https://github.com/OBF	
SAMBA	https://github.com/samba-team/samba	
JabRef	https://github.com/JabRef/jabref	
PEcAn project	https://github.com/PecanProject	
National Resource for Network Biology (NRNB)	https://github.com/nrn https://github.com/wikipathways https://github.com/bridgedb (and a few more)	
CBMI@UTHSC	https://github.com/cbmi-uthsc	
Biomedical Informatics, Emory University	https://github.com/sharmalab/Emory-BMI-GSoC-2019	
Computational Biology @ University of Nebraska-Lincoln	https://github.com/HelikarLab	
INCF	https://github.com/nighres/nighres	
Global Alliance for Genomics and Health (GA4GH)	https://github.com/ga4gh	
ELIXIR Cloud & AAI	https://github.com/elixir-europe	
Canadian Center for Computational Genomics		

Topics discussed

- (FAIR) computational models
 - Reusability
 - Deriving meaningful insights (+feedback loop)
- Data integration
 - Integrating data from multiple sources
 - For data enrichment from curated knowledge bases (CIViC, MyCancerGenome, Ensembl, etc.)
- Microservices (Kubernetes)
- ELIXIR
 - Sharing data within network for investigators/users to query meta information to identify patients in network meeting specified criteria. Investigator can then apply for access if they do not have access already to said patient's data.
 - Discussed security concerns surrounding data sharing and good data practices.
 - [ELIXIR BioHackathon](#)
- Keeping data private, secure, moving the computation
- Dockerizing and “containerizing” services and providing the latest patches, self-contained packages and platform-independent
- Finding sustainable (continued) funding for existing projects.
- Increasing university participation in open source projects
- Supporting and developing open source tools and packages, sharing and maintaining in-house/published tools to reduce redundancy (i.e., “reinventing the wheel” every time for similar needs)