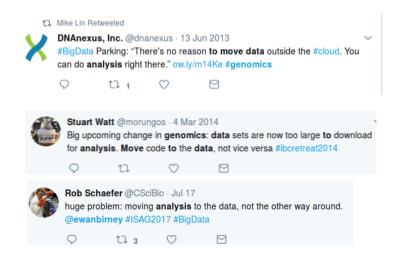
Interoperable, collaborative multi-platform variant calling with bcbio

Brad Chapman
Bioinformatics Core, Harvard Chan School

https://bcb.io http://j.mp/bcbiolinks

22 July 2017



Why do we transfer data around?

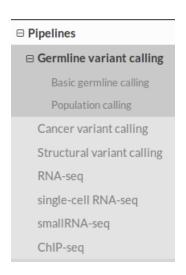
- Lots of work to setup and configure an analysis
- Hard to port scalable analysis to new environment

bcbio: community built analyses



https://github.com/chapmanb/bcbio-nextgen

Support the work you do



Better abstractions = more interoperability



https://bcbio-nextgen.readthedocs.io/en/latest/contents/cwl.html

Supported now









Workflow Execution Engine using WDL





Bringing analysis to your data

- Community built analysis work together
- Interoperable workflows the right abstractions
- Platform support real practical progress

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https://bcb.io
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http://j.mp/bcbiolinks