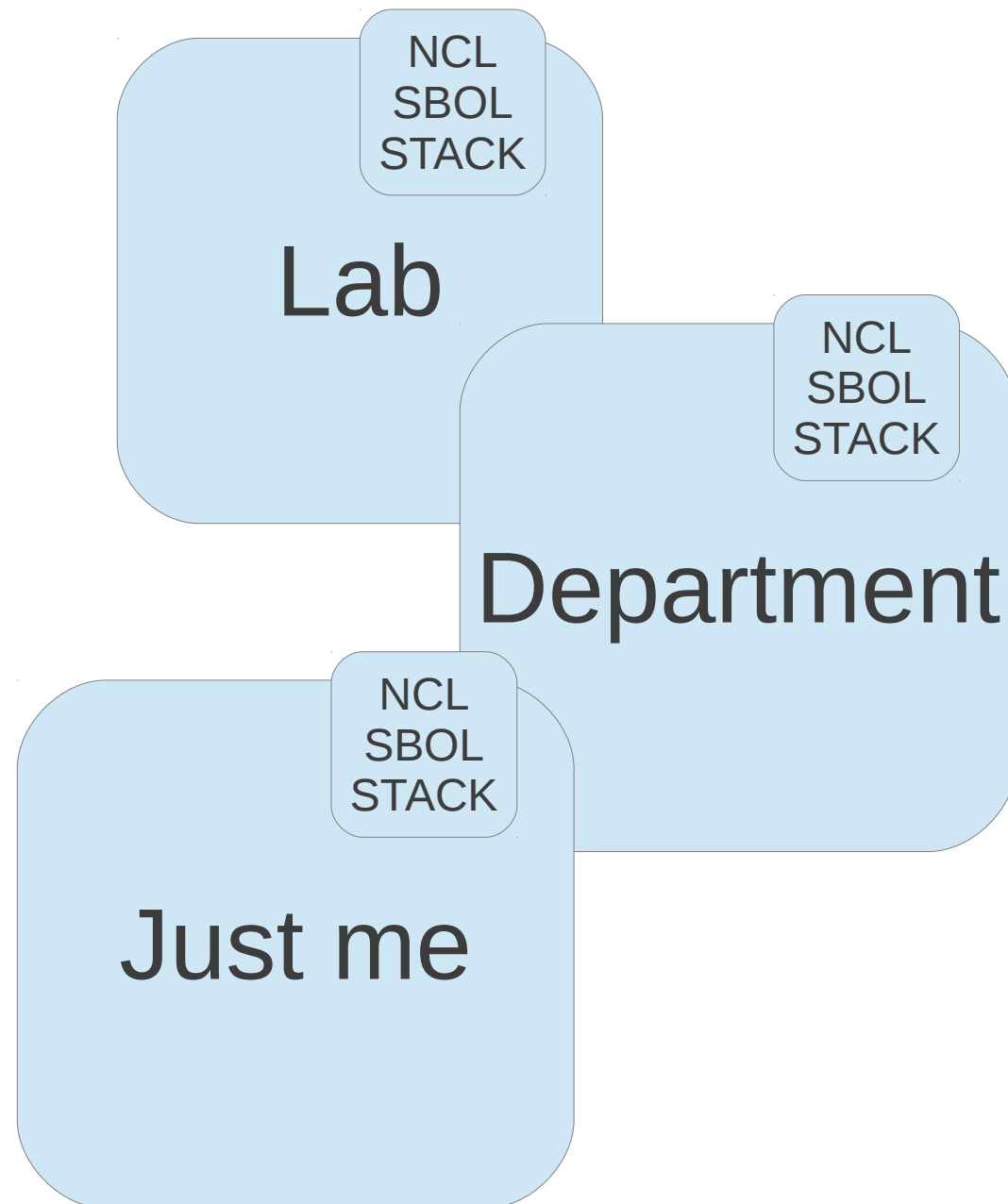# Newcastle SBOL Stack: A Service to the Community

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Wipat & Hallinan synthetic and integrative biology, Newcastle University

The vision

- Single-shot install/deploy
- Provides all you need to store, curate, publish SBOL designs
- Enable federation
- Bundle of other useful SBOL-compliant tools

NCL SBOL STACK

Lab

NCL SBOL STACK

Department

NCL SBOL STACK

Just me

Distribution and resourcing

- apt-get install newcastle-sbol-stack

- Fire up an amazon ec2 image

- Download and deploy a KVM image

- Resources:
  - Me for Friday each week
  - You telling us what you want in the stack
  - The community providing software we can integrate