

Building a regional Galaxy Community & Platform

INCOB 2019 Breakout
Thursday, 12 September, 11am-12pm



bit.ly/gxy-incob-2019

[#UseGalaxy](https://twitter.com/UseGalaxy)

Goal

- Kickstart regional Galaxy communities and platforms in Asia and Oceania

Agenda

- Galaxy Communities & Services, Dave Clements
- Galaxy Australia as a UseGalaxy.* public service, Gareth Price
- Future Galaxy developments for distributed data access, Nuwan Goonesekera
- **Open discussion, You**

Galaxy Communities & Services

INCOB 2019

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#UseGalaxy

Assumptions

- You already know some basics about the Galaxy platform
- You think Galaxy has the potential to make your research communities more effective

If these assumptions are not correct, please consider staying around after the breakout to learn more.

Galaxy Platform Landscape

160+ Platforms for using Galaxy



 usegalaxy.eu

 usegalaxy.org.au

 usegalaxy.org

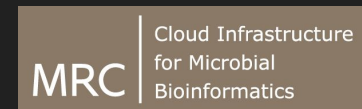
galaxyproject.org/use



National Platforms



Canada	GenAP
Czechia	MetaCentrum
Italy	Laniakea / INDIGO-DataCloud
Norway	NeLS
Poland	PL-Grid
Sweden	SNIC Science Cloud
United Kingdom	MRC CLIMB
United States	Jetstream



Benefits of regional platforms

- Dedicated resources for your researchers
- Customized platform for your communities
 - Tools, reference genomes and other data, workflows
- Integration with regional authentication providers, storage, and compute
- Keep sensitive data on your networks and infrastructure

Galaxy Community Landscape

Galaxy Communities

Global

- **Support:** Gitter, help.galaxyproject.org, mailing lists, documentation
- Galaxy Community Conference
- Online community hub

Regional

- Galaxy {Africa, Australia, Europe, France, Netherlands, Norway, Pitagora (Japan), UK}
- Events & Training
- *Sometimes platforms too*

Domain

- **Galaxy Training Network**
- Galaxy Genome Annotation
- Proteomics

Today, *in this room*

Galaxy APAC / ASEAN?

- Possibly build upon the Asia Pacific Research Platform (APRP)
- coordinating hub at NSCC
- distributed compute/storage
- authentication with ASEAN's IAM
- Farhan Sjaugi, U Perdana,

Galaxy India

- Effort started in July at GCC2019
- Events & Training, likely starting in December; Inbix in April
- Hopefully followed by a platform
- Harpreet Singh, HMT

Galaxy Korea

- Initial emphasis on training, funded by National Research Foundation
- Ik-Young Choi, Kangwon National U

Galaxy *your community*

- **You**

Thank you

Galaxy Community

The literally thousands of people who have contributed

Tools, Doc, Support, Training, Resources, Code, Issue Reporting, Testing ...

Over the past 14 years

You

Gareth, Nuwan, Simon