

Building Galaxy Community VM

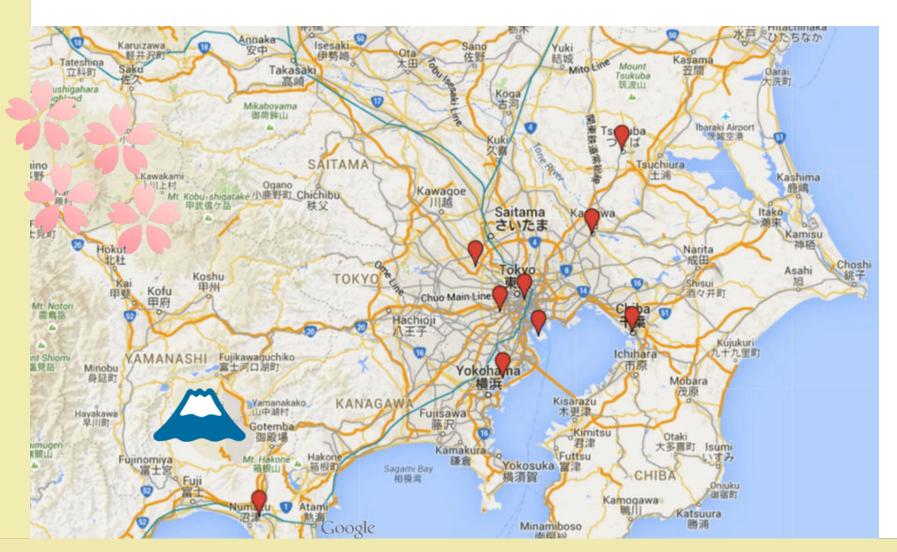
The University of Tokyo Ryota Yamanaka



Galaxy is Spreading to Tokyo

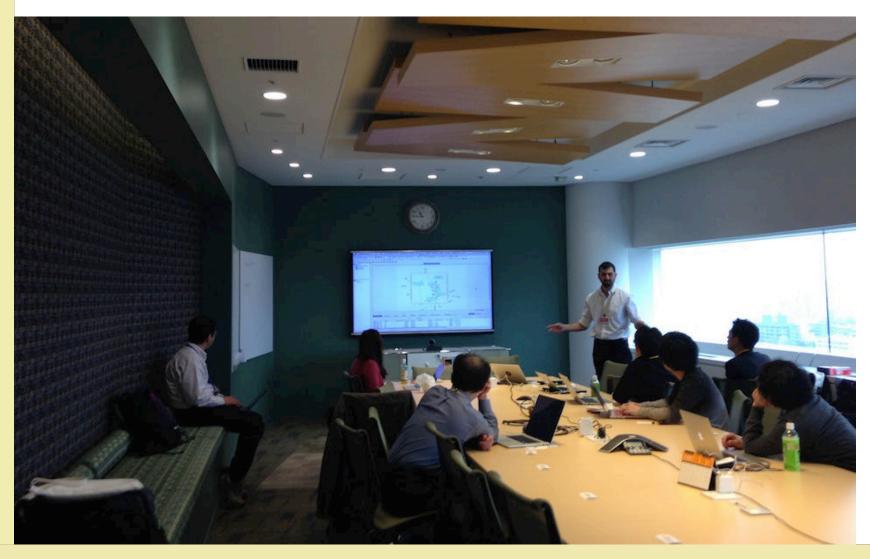
Galaxy Users in Tokyo





Monthly Meetup - Since Nov. 2015





Galaxy Workshop Tokyo 2015



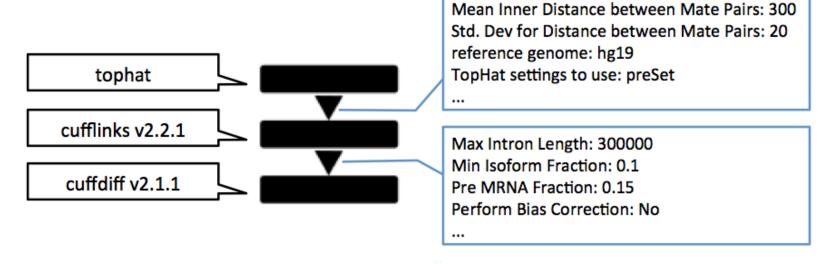


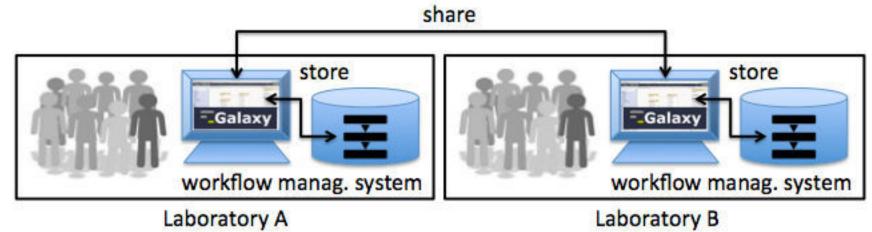


Community VM

Workflow Management System?

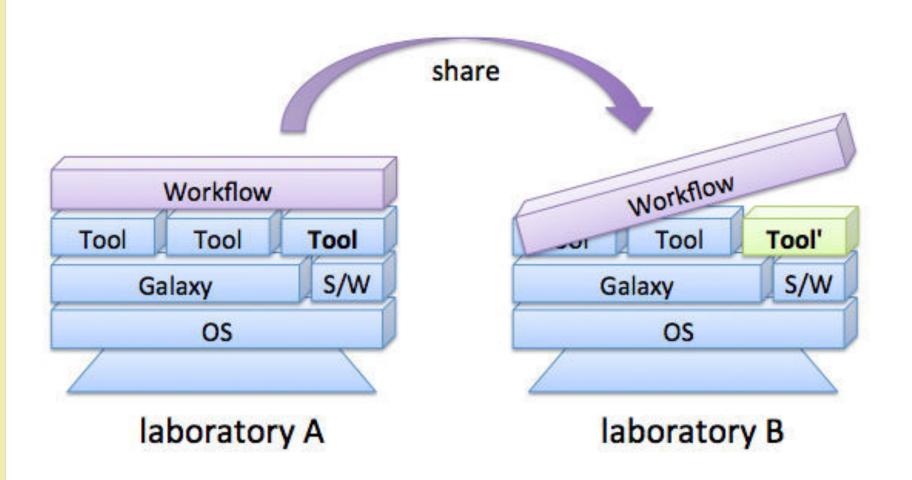






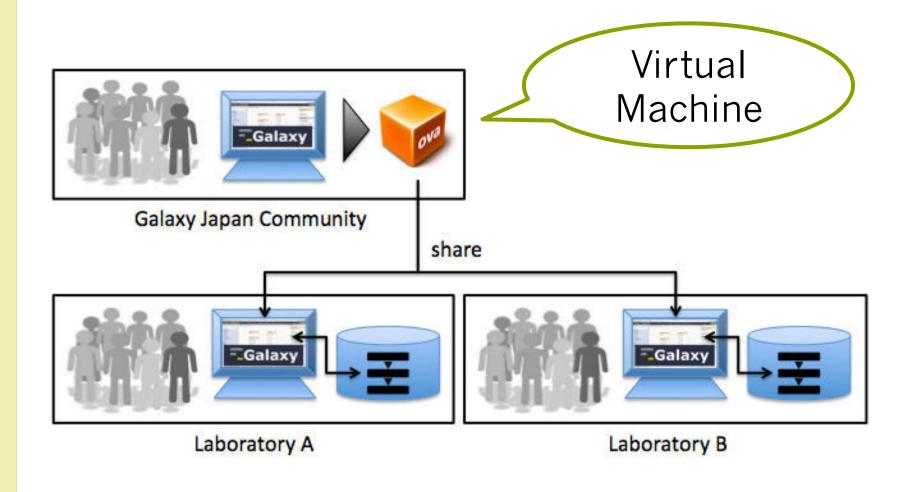
Reproducible? Reusable?





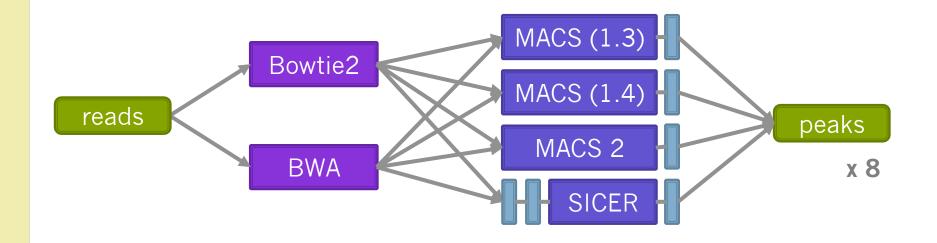
Virtual Machine for Distribution





Workflow Example 1



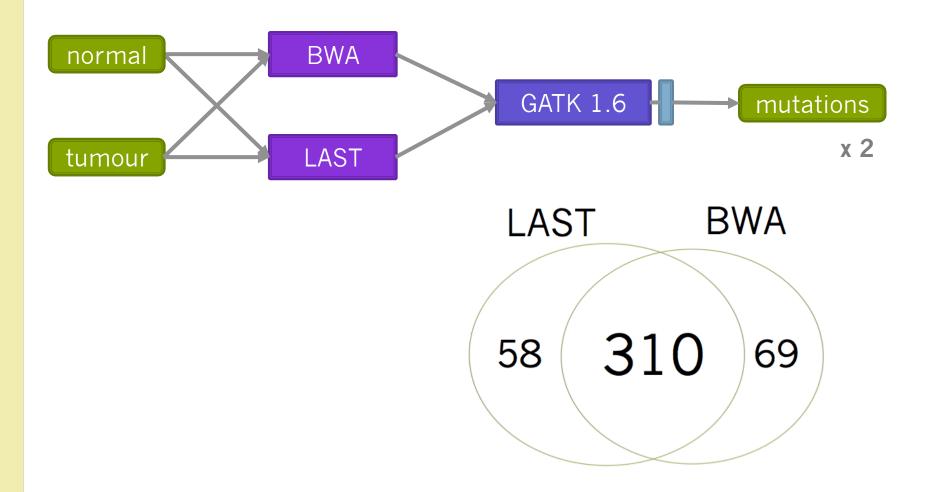


Number of Peaks

	MACS1.3	MACS1.4	MACS2	SICER
Bowtie2	9,888	14,685	8,427	5,536
BWA	15,626	17,856	21,811	11,052

Workflow Example 2



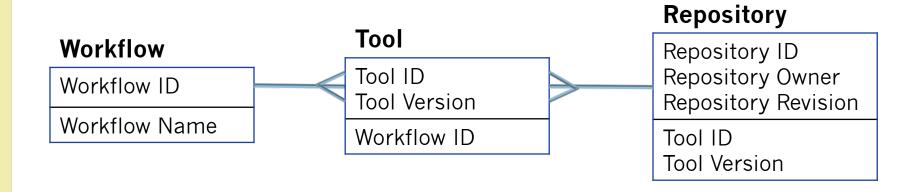


Tips: Managing Workflows



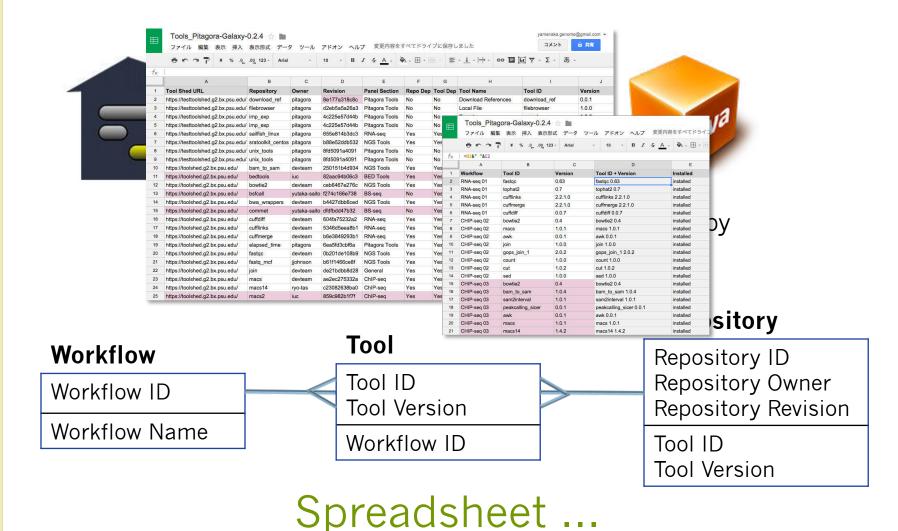


API: install_toolshed_repositories.py



Tips: Managing Workflows



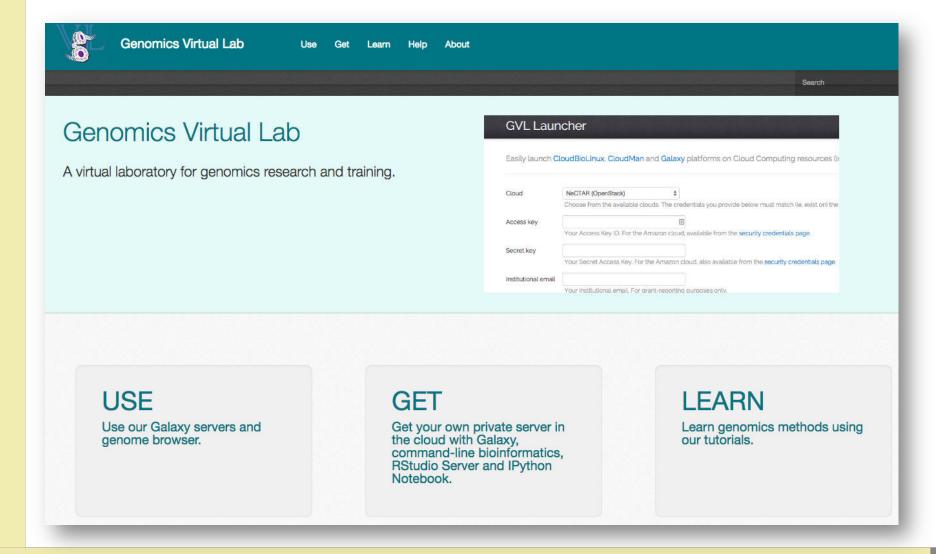




Building A Community

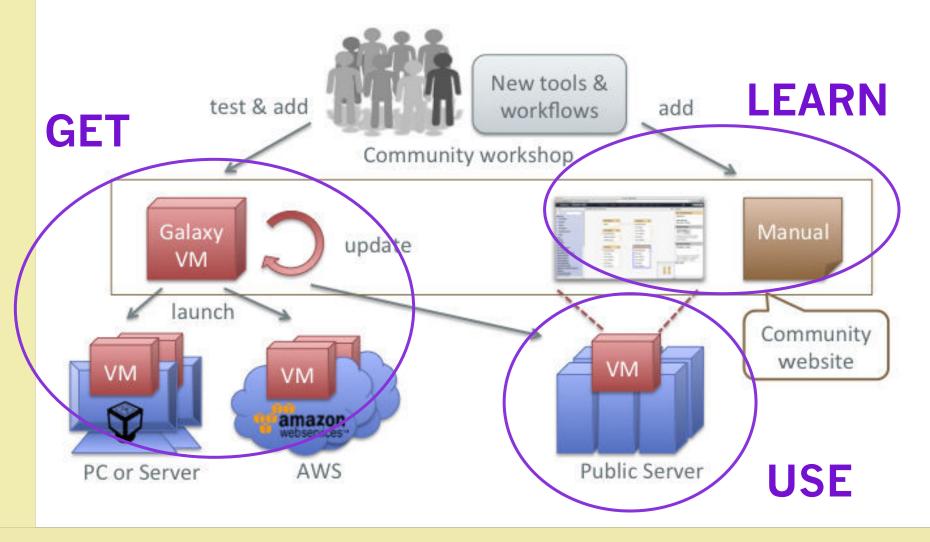
Australian USE-GET-LEARN Model





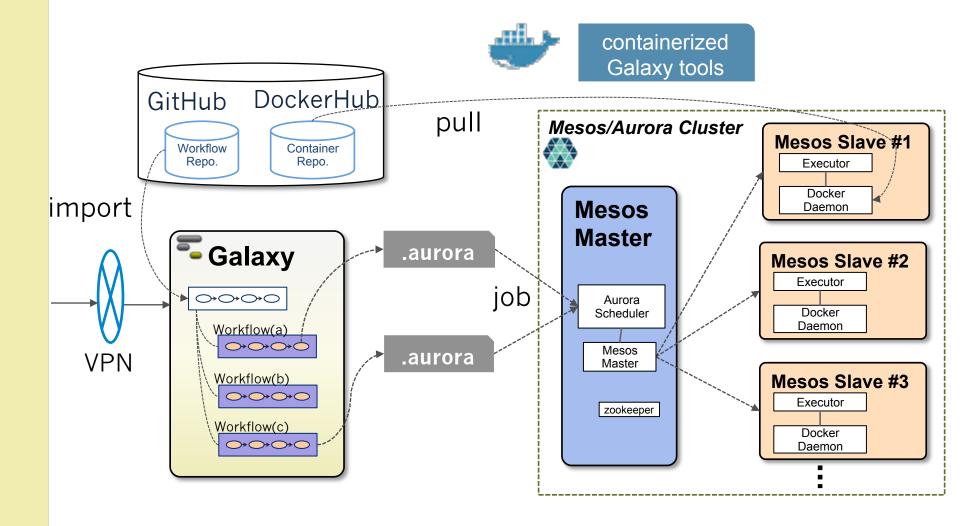
GET-USE-LEARN Model with VM





USE: Mesos Cluster





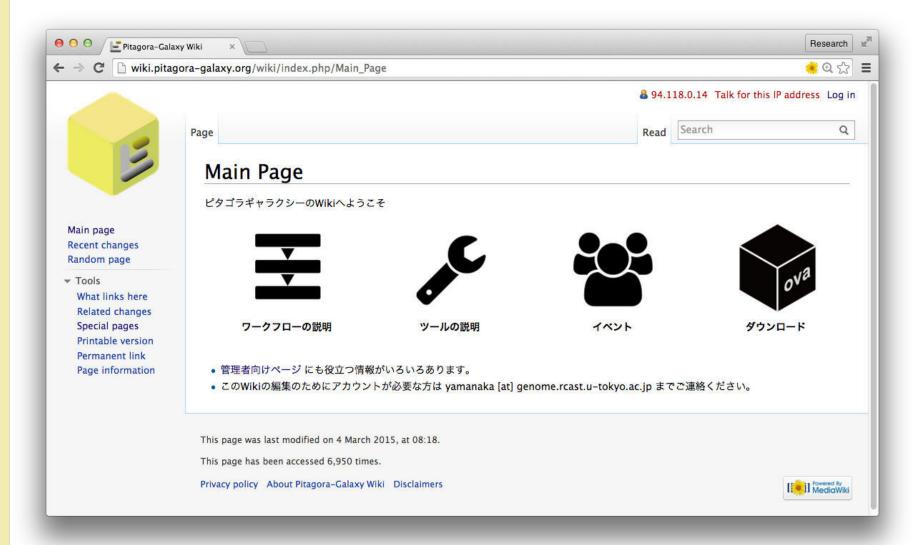
USE: Public Servers





LEARN: Wiki

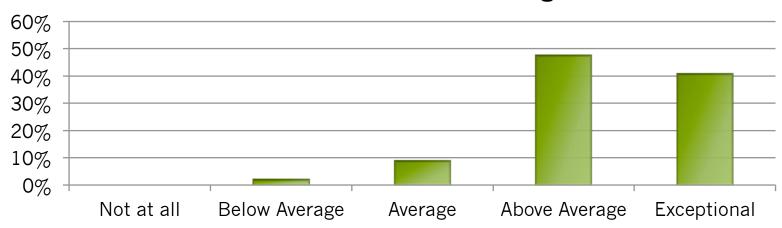




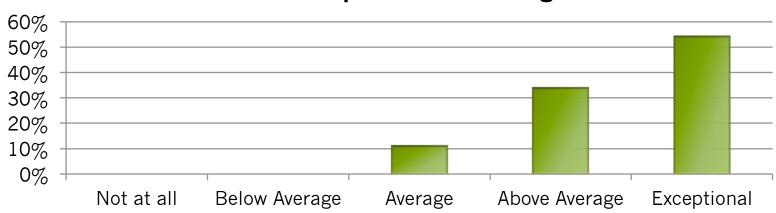
LEARN: Workshop



How useful was the meeting?

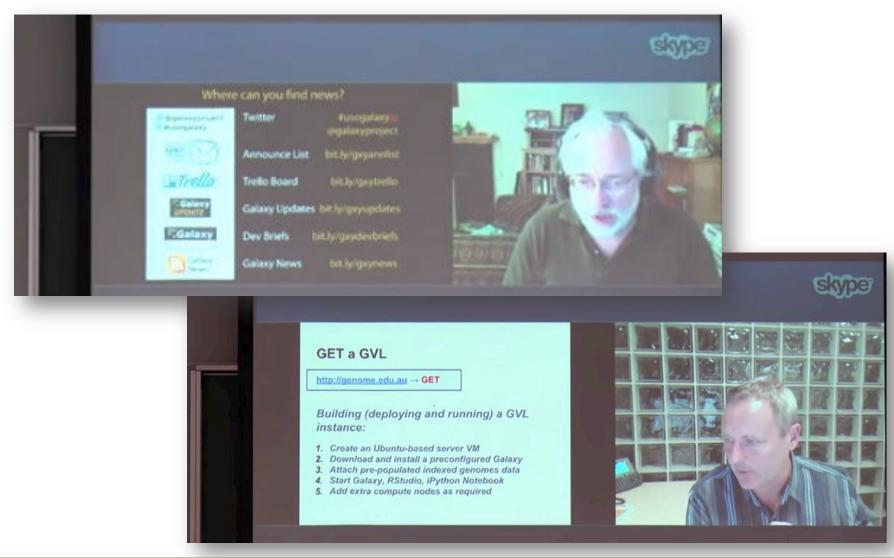


Was the workshop well run and organized?



LEARN: Workshop









Speakers @ Galaxy Workshop Tokyo