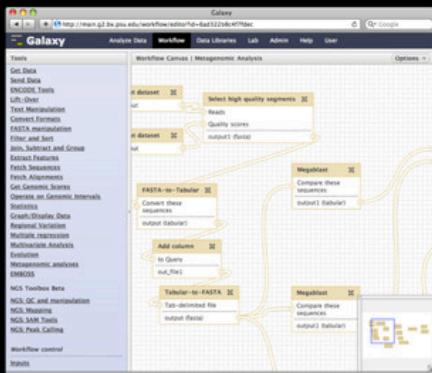






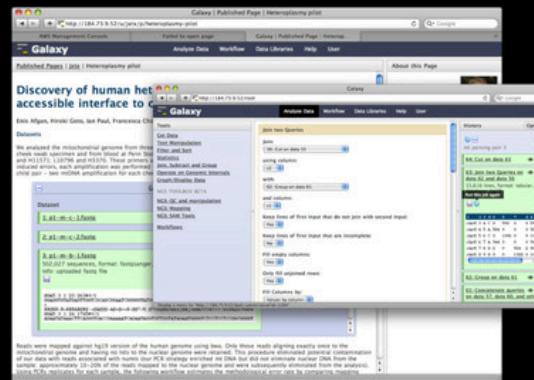
Describe analysis tool behavior abstractly



Workflow system for complex analysis, constructed explicitly or automatically

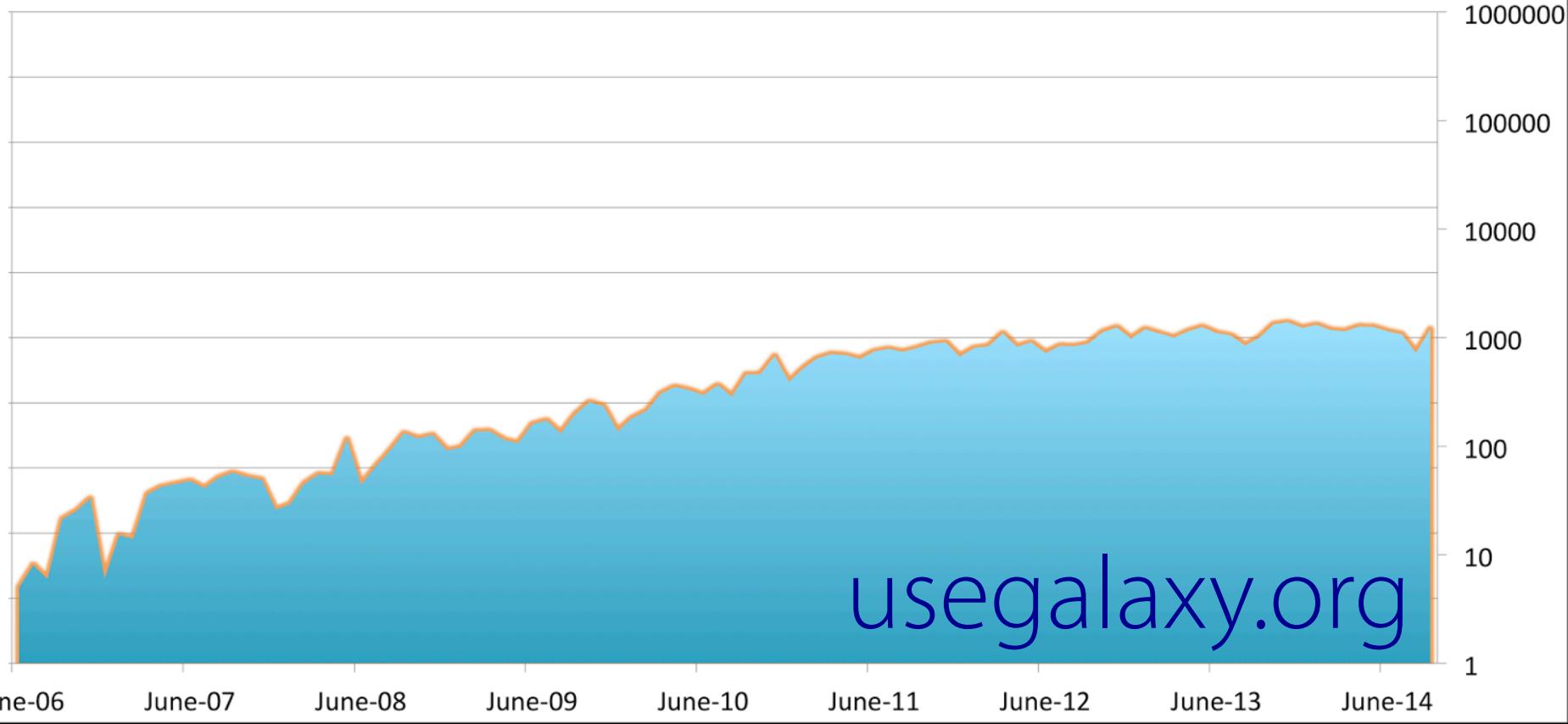


Analysis environment automatically and transparently tracks details

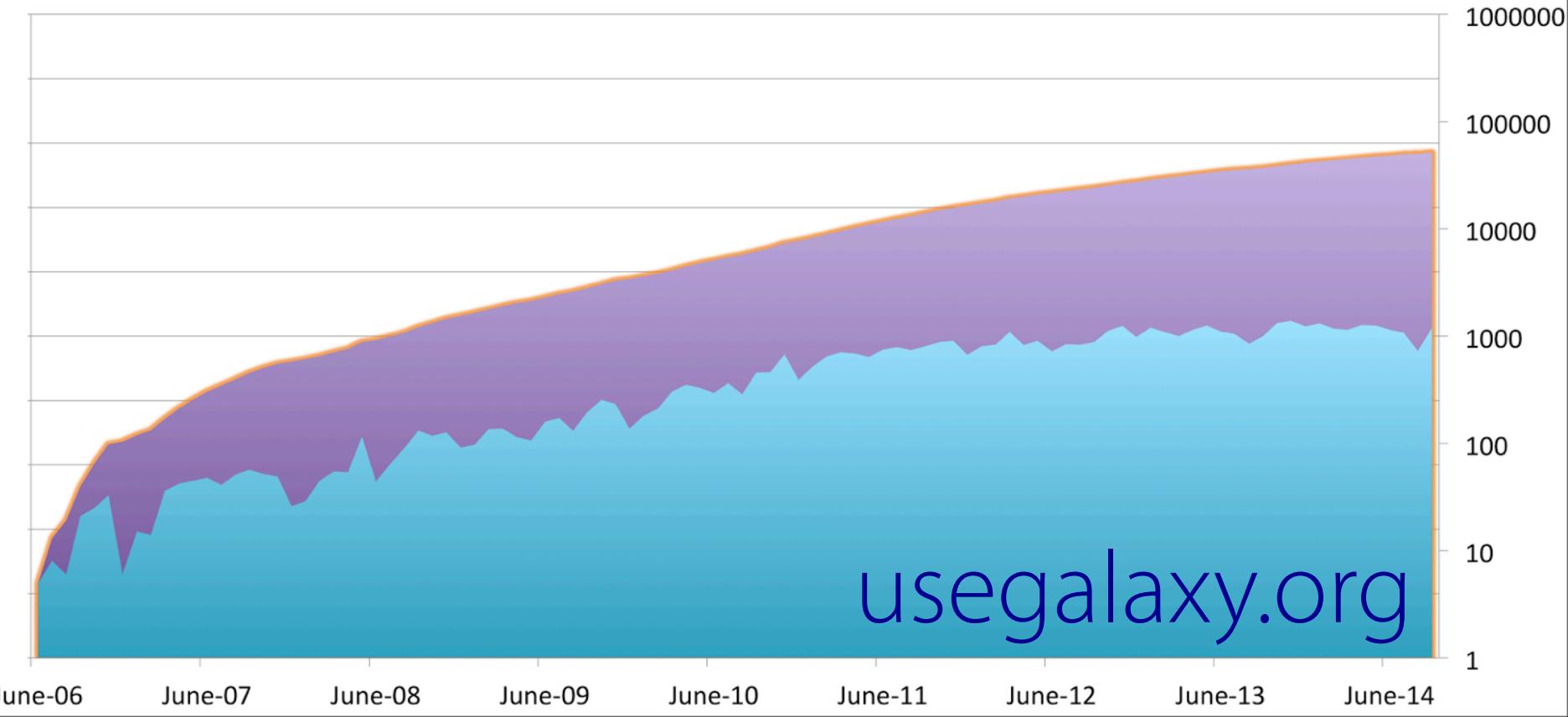


Pervasive sharing, and publication of documents with integrated analysis

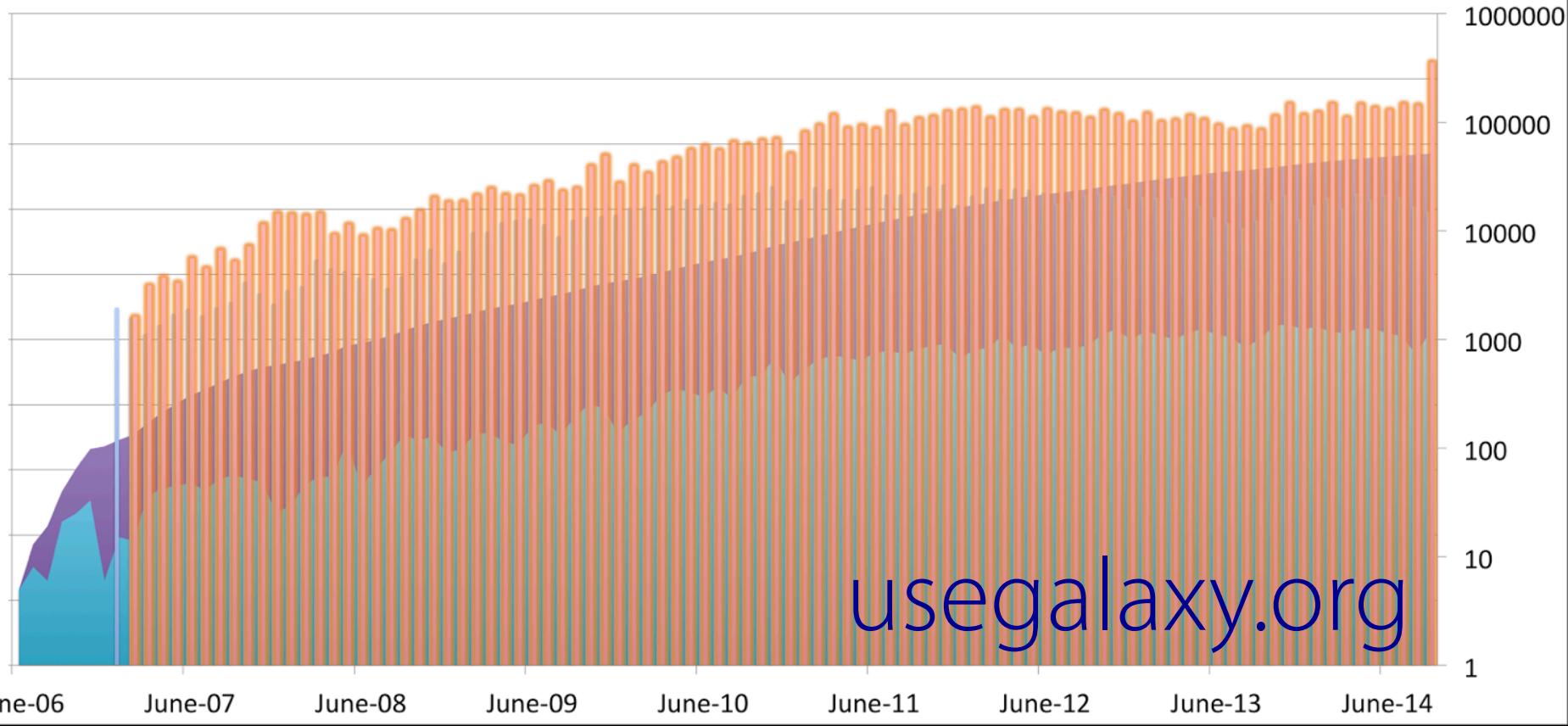
~1,200 New User Registrations Each Month



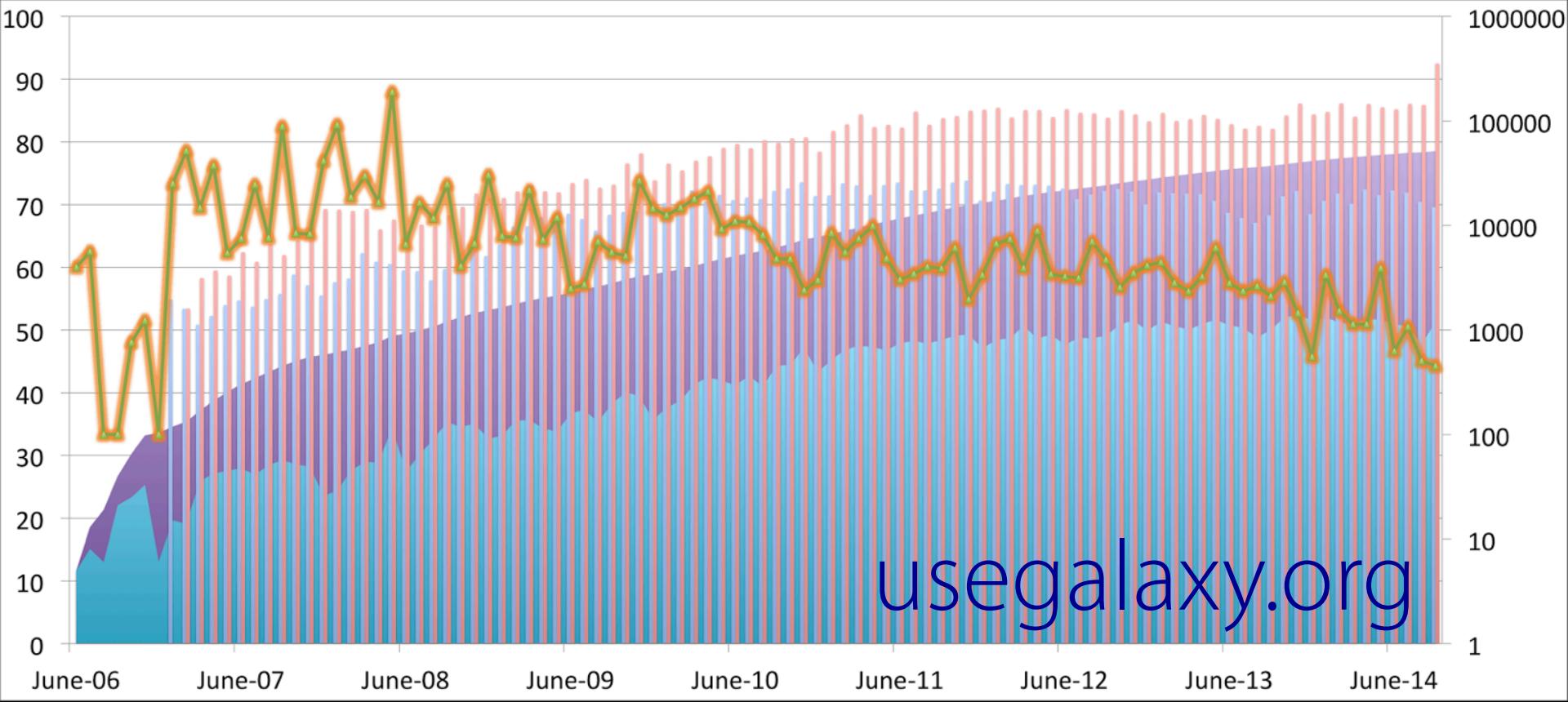
~54,000 Total Registered Users

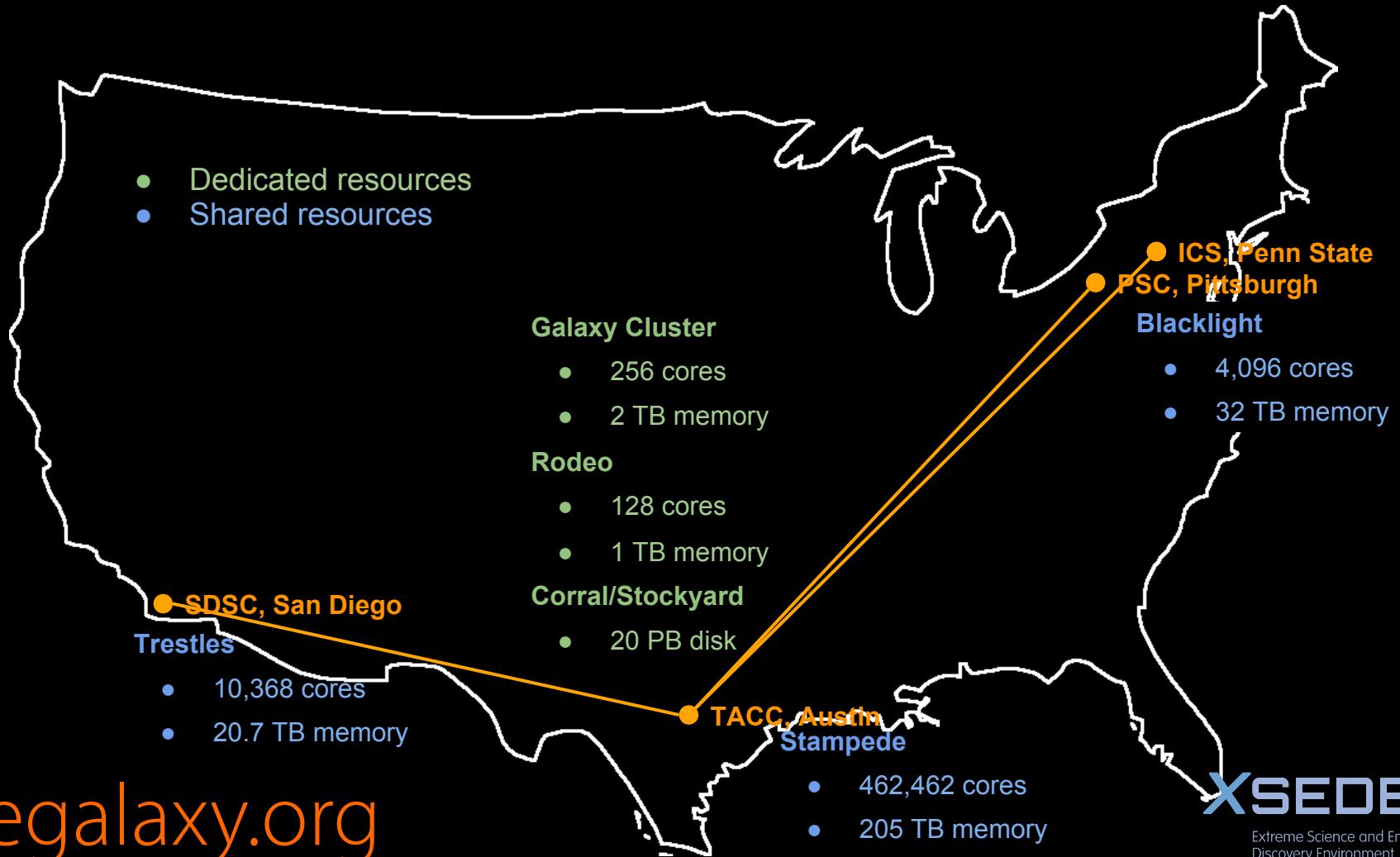


~355,000 Jobs by Registered Users in Sept.



~50% of Registered Galaxy Users Return





Local Galaxy Instances

<http://getgalaxy.org>

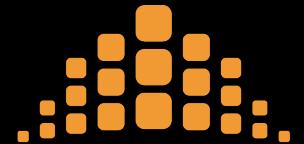


TORQUE



Galaxy is designed for local installation and customization

- Easily integrate new tools
- Easy to deploy (and manage) on nearly any (Unix) system
 - Including compute clusters



workload manager

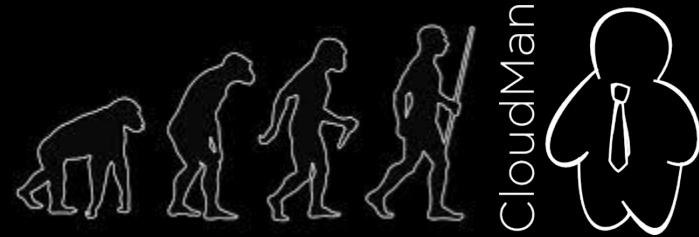
{ Platform Computing

DRMAA
Distributed Resource Management Application API — www.drmaa.org

Cloud

CloudMan: a general purpose deployment manager for ANY cloud

Manage the infrastructure (ie, cluster-in-the-cloud) and applications (DB, FTP, web server, Galaxy)



- CloudMan from Galaxy Admin | Report bugs | Wiki | Screencast

CloudMan Console

Welcome to CloudMan. This application allows you to manage this instance cloud cluster and the services provided within. Your previous data store has been reconnected. Once the cluster has initialized, use the controls below to manage services provided by the application.

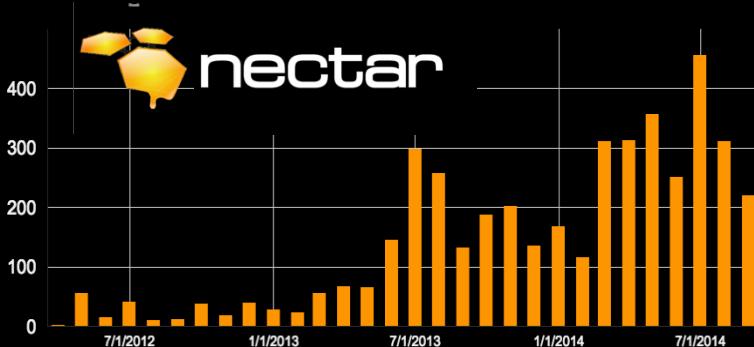
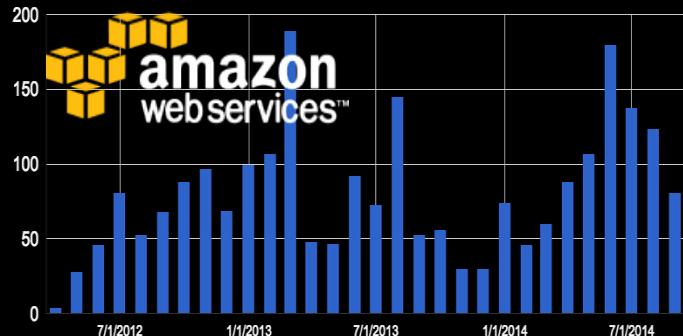
Terminate cluster Add nodes ▾ Remove nodes ▾ Access Galaxy

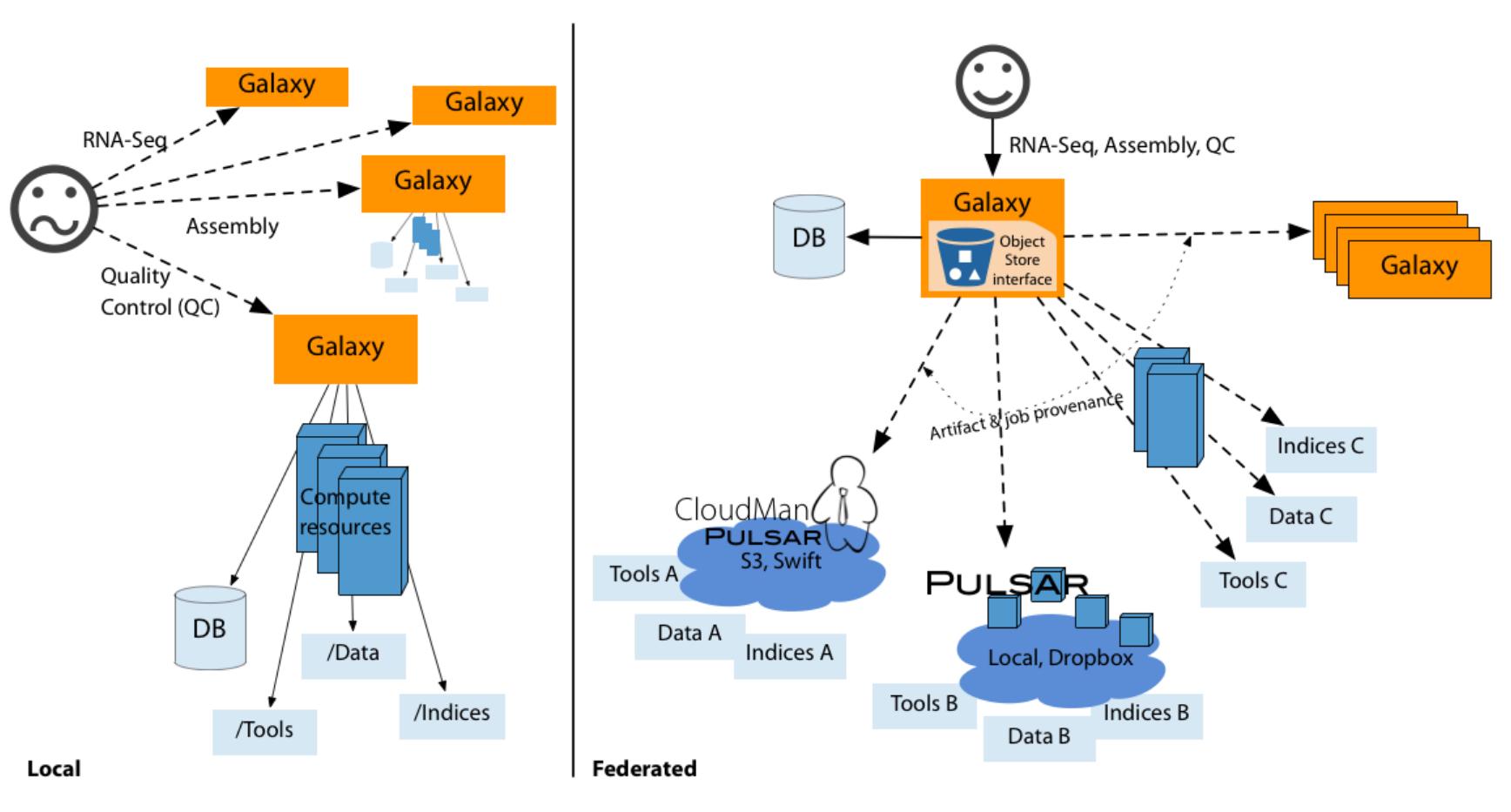
Status

Cluster name: ghem
Disk status: 0 / 0 (0%)
Worker status: Idle: 4 Available: 2 Requested: 5
Service status: Applications ● Data ●

Autoscaling is off. Turn on?

Cluster status log





Engineering



Enis Afgan



Dannon Baker



Dan Blankenberg



Dave Bouvier



Nate Coraor



Martin Čech



John Chilton



Carl Eberhard



Sam Guerler



Nick Stoler

Support and outreach



Dave Clements



Jennifer Jackson

Leadership



James Taylor



Anton Nekrutenko



Jeremy Goecks

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