Cirata Gerrit Multisite

Rock solid reliability and productivity

Cirata Gerrit MultiSite (a.k.a. GerritMS), using Cirata's patented Active–Active replication, is a hardened service for replicating Git repositories and Gerrit data/meta–data/events around the globe to enable fast, low latency, read and write access by your worldwide development community.

Gerrit code review

Gerrit provides web based code review and repository management for the Git version control system. A scalable system enabling teams of engineers with different privileges to collaborate to build software using best practices such as Continuous Integration and Trunk Based Development at all sites.

Guaranteed data consistency

Repository consistency is maintained by playing out low–level Git transactions in the same order at all repository replicas.

Automatic recovery

Sites that are offline during transactions are automatically recovered when they return to service. Zero administrator intervention required.

Configurable redundancy

Only build and pay for what you need.

Transparency

No change in Gerrit functionality and no learning curve for developers. No change in Git tooling required.
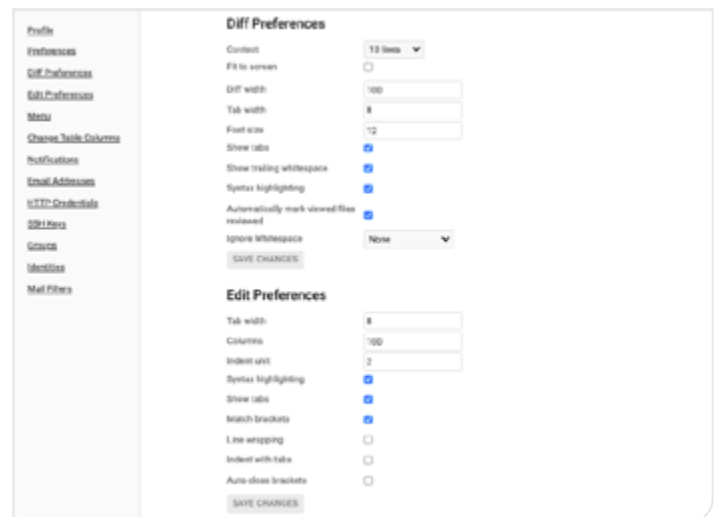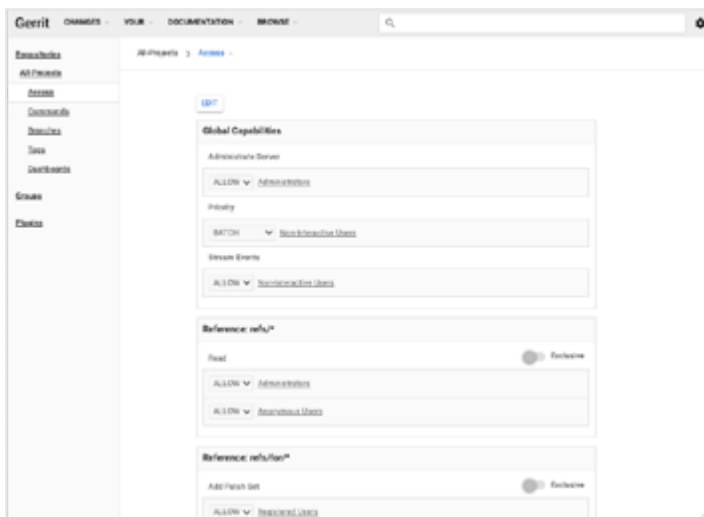
Powerful "selective replication"

You easily select where each repository is replicated for maximum control of your environment.

Network efficient

No WAN traffic for repository read operations. Repository update data is compressed before sharing via the WAN.

Immediate update of repository data, and Gerrit data, meta–data, and events

No waiting for periodic polling from/to master/slaves.

Supported environments
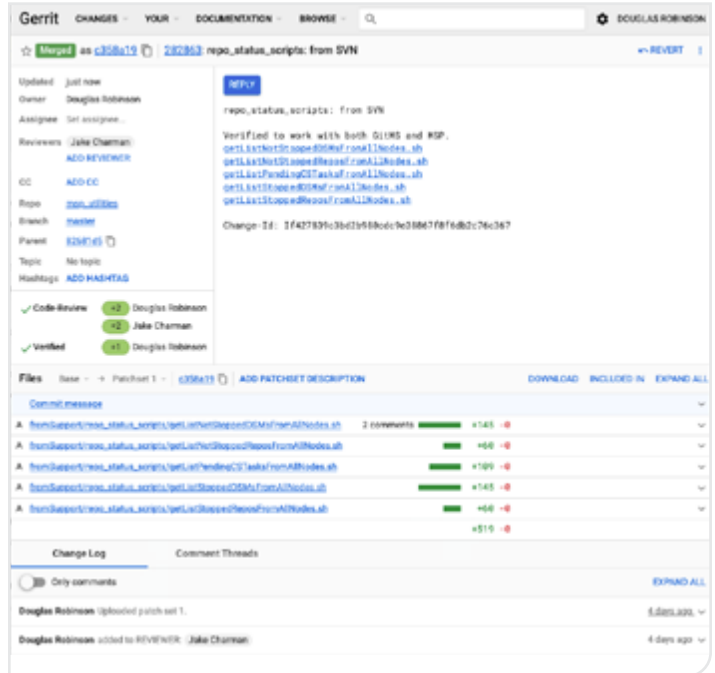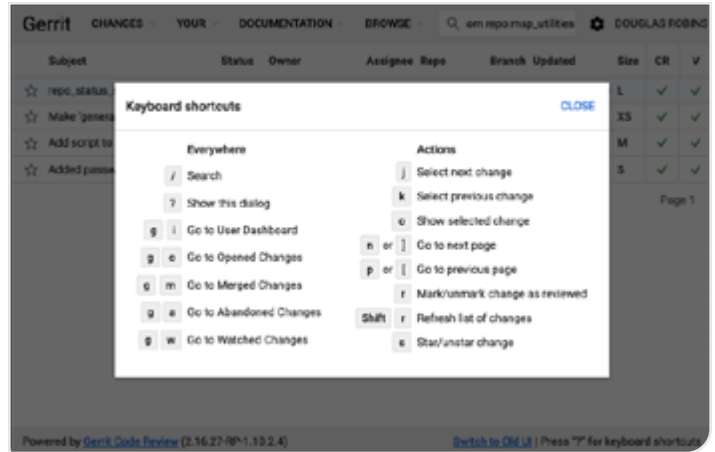
Gerrit

- 2.16.27_WDv1

Git (Server Side)

- 2.41.0 (C Implementation)
- 5.1.15–WDv1 (JGit)

Operating Systems

- RHEL 7.9+ (x86–64)
- CentOS 7.9 (x86–64)

Java

- Oracle JDK 8

About Cirata

Welcome to Cirata — a new company with over 45 patents and 15+ years of data science expertise in rapidly integrating high value datasets to leading cloud platforms for game changing AI activation and analytics insights.

We accelerate data–driven revenue growth by automating data transfer and integration to modern cloud analytics and AI platforms without downtime or disruption..

For more information about Cirata, visit www.cirata.com or contact SCM.Sales@cirata.com.

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