



# MariaDB Cluster

- Highly available MariaDB Galera Cluster
- multi-master synchronous replication
- Open Source

The screenshot shows the GitHub interface for the SkySQL Ab organization. The search bar contains the query 'only:public'. The search results list several repositories:

- MariaDB-Manager-API** (PHP, 2 stars, 2 forks) - The REST API component of the MariaDB-Manager. Updated 3 days ago.
- MariaDB-Manager-Monitor** (Java, 1 star, 0 forks) - The monitor component of the MariaDB-Manager project. Updated 4 days ago.
- libMariaDB-Manager-java** (Java, 0 stars, 0 forks) - Common Java library for the components of MariaDB-Manager. Updated 4 days ago.
- MariaDB-Manager-GREX** (Shell, 1 star, 1 fork) - The Galera Remote Execution component of MariaDB-Manager. Updated 4 days ago.
- MariaDB-Manager** (Shell, 8 stars, 1 fork) - MariaDB Manager is a tool to manage and monitor a set of MariaDB servers using the Galera multi-master replication form Codership. Updated 5 days ago.
- MariaDB-Manager-API-test-client** (C++, 0 stars, 0 forks) - Automatic MariaDB-Manager-API tests. Updated 5 days ago.



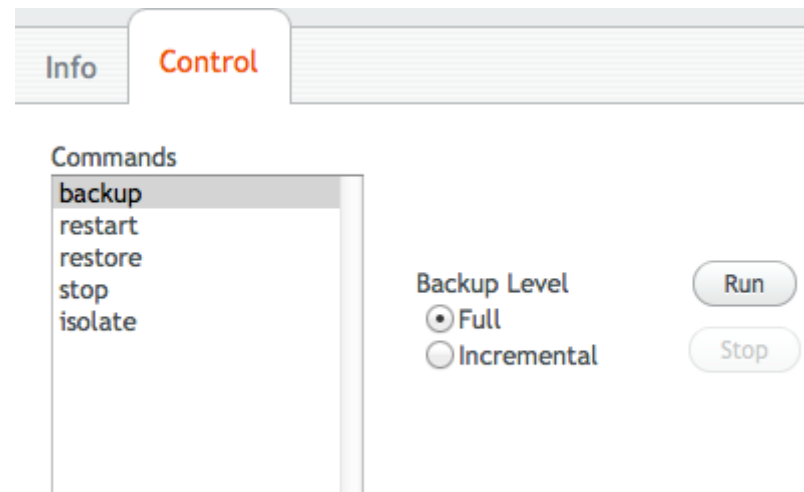
# MariaDB Manager

- Galera can eliminate single points of failure for your DB infrastructure
- it can be a challenge to configure cluster



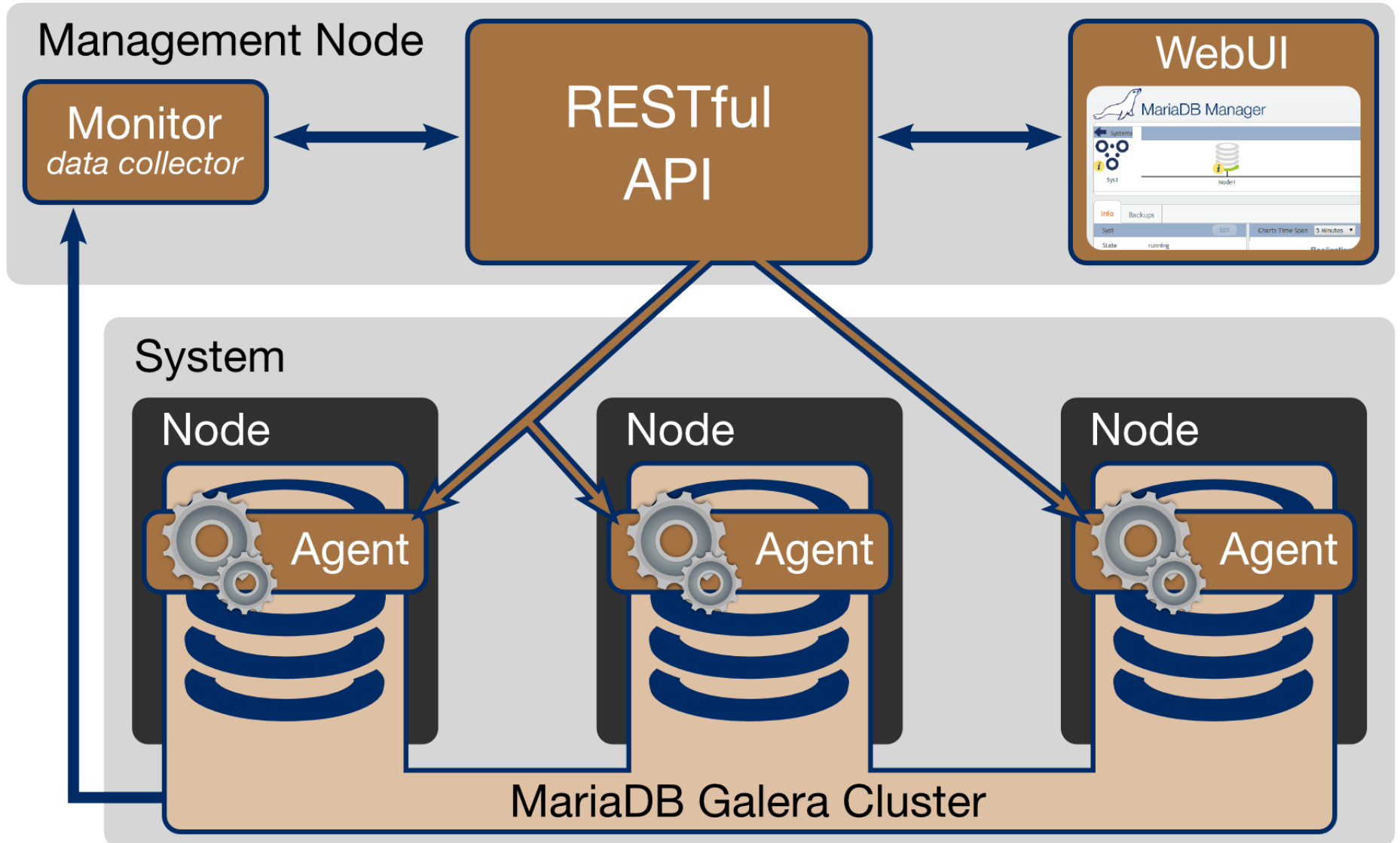
# MariaDB Manager

- Automatic nodes provisioning
- monitoring the health of a cluster
- basic management tasks





# MariaDB Cluster





# MariaDB Manager

MariaDB Manager Welcome, admin [Settings](#) [Logout](#)

Systems Components [Edit](#)

Sys1 Node1 Node2 Node3

**Info** Backups [Edit](#)

Sys1 [Edit](#) Charts Time Span 5 Minutes Theme Default [Edit](#)

|                |                                 |
|----------------|---------------------------------|
| State          | running                         |
| System Type    | galera                          |
| Last Monitored | Fri, 06 Dec 2013 17:22:25 +0000 |
| Availability   | 100%                            |
| Capacity       | 5%                              |
| Connections    | 3                               |
| Traffic        | 56 KB                           |
| Last Backup    | n/a                             |
| Start Date     | Thu, 05 Dec 2013 16:55:53 +0000 |
| Last Access    | Thu, 05 Dec 2013 16:55:53 +0000 |

### Replication Paused

Percentage of time for which replication was paused

| Time     | Replication Paused (%) |
|----------|------------------------|
| 17:44    | 0                      |
| 17:44:30 | 50                     |
| 17:45    | 0                      |
| 17:45:30 | 50                     |
| 17:46    | 0                      |
| 17:46:30 | 0                      |
| 17:47    | 0                      |
| 17:47:30 | 50                     |
| 17:48    | 100                    |

### Parallelism

Average No. of parallel transactions

| Time     | Parallelism |
|----------|-------------|
| 17:44    | 750         |
| 17:44:30 | 780         |
| 17:45    | 750         |
| 17:45:30 | 800         |
| 17:46    | 780         |
| 17:46:30 | 790         |
| 17:47    | 780         |
| 17:47:30 | 810         |
| 17:48    | 790         |

### Avg. Receive Queue

Average receive queue length

| Time     | Avg. Receive Queue |
|----------|--------------------|
| 17:44    | 0                  |
| 17:44:30 | 5                  |
| 17:45    | 10                 |
| 17:45:30 | 15                 |
| 17:46    | 10                 |
| 17:46:30 | 5                  |
| 17:47    | 8                  |
| 17:47:30 | 10                 |
| 17:48    | 12                 |

### Flow Controlled

Flow control messages sent

| Time     | Flow Controlled |
|----------|-----------------|
| 17:44    | 0               |
| 17:44:30 | 0               |
| 17:45    | 0               |
| 17:45:30 | 1               |
| 17:46    | 0               |
| 17:46:30 | 0               |
| 17:47    | 0               |
| 17:47:30 | 0               |
| 17:48    | 0               |

### Avg. Send Queue

Average send queue length

| Time     | Avg. Send Queue |
|----------|-----------------|
| 17:44    | 0               |
| 17:44:30 | 0               |
| 17:45    | 0               |
| 17:45:30 | 0               |
| 17:46    | 0               |
| 17:46:30 | 0               |
| 17:47    | 0               |
| 17:47:30 | 0               |
| 17:48    | 5               |

### Failed Writesets

No. of writesets with failed certification

| Time     | Failed Writesets |
|----------|------------------|
| 17:44    | 0                |
| 17:44:30 | 0                |
| 17:45    | 0                |
| 17:45:30 | 0                |
| 17:46    | 0                |
| 17:46:30 | 0                |
| 17:47    | 0                |
| 17:47:30 | 0                |
| 17:48    | 0                |



# Build and test

**Jenkins** Sök Timofey Turenko | [logga ut](#)

Jenkins ▸ Main ▸ AKTIVERA AUTOUPPDATERING [lägg till beskrivning](#)

- Skapa nytt Itemb
- Användare
- Bygghistorik
- Redigera vy
- Ta bort vy
- Jobbberoenden
- Kontrollera filkontrollsumma
- Hantera Jenkins
- Credentials
- My Views

**Jobbkö** -  
Inga köade byggen.

**Status för Byggare** -

| # | Status   |
|---|----------|
| 1 | Väntande |

| AWS | All | Main                                    | MaxScale                            | Service                            | Test         | + |
|-----|-----|---|-------------------------------------|------------------------------------|--------------|---|
| S   | W   | Name ↓                                  | Senast Lyckade                      | Senast Misslyckade                 | Senaste tid  |   |
|     |     | <a href="#">iq-el5</a>                  | 2 mo 13 days - <a href="#">#16</a>  | 2 mo 13 days - <a href="#">#11</a> | 22 sec       |   |
|     |     | <a href="#">libMariaDB-Manager-java</a> | 4 days 5 hr - <a href="#">#62</a>   | 19 days - <a href="#">#46</a>      | 1 min 20 sec |   |
|     |     | <a href="#">MariaDB-Manager</a>         | 1 day 0 hr - <a href="#">#165</a>   | 1 day 0 hr - <a href="#">#164</a>  | 46 sec       |   |
|     |     | <a href="#">MariaDB-Manager-API</a>     | 3 days 7 hr - <a href="#">#329</a>  | 3 days 7 hr - <a href="#">#327</a> | 29 sec       |   |
|     |     | <a href="#">MariaDB-Manager-GREX</a>    | 4 days 10 hr - <a href="#">#114</a> | 16 days - <a href="#">#108</a>     | 26 sec       |   |
|     |     | <a href="#">MariaDB-Manager-Monitor</a> | 6 days 3 hr - <a href="#">#139</a>  | 4 days 5 hr - <a href="#">#142</a> | 1 min 20 sec |   |
|     |     | <a href="#">MariaDB-Manager-WebUI</a>   | 5 days 0 hr - <a href="#">#226</a>  | 5 days 0 hr - <a href="#">#225</a> | 9 min 44 sec |   |

Ikon: [S](#) [M](#) [L](#)

[Förklaring](#) [RSS för alla](#) [RSS för misslyckade](#) [RSS för enbart senaste byggena](#)