
Apache ShardingSphere document

Apache ShardingSphere

Nov 15, 2021

1	Quick Start	1
2	Concepts	2
2.1	Adaptor	2
2.2	Mode	2
2.3	DistSQL	2
2.4	Pluggable Architecture	2
3	Features	3
3.1	DB Compatibility	4
3.1.1	SQL Parser	4
3.1.2	DB Protocol	4
3.2	Management	4
3.3	Sharding	4
3.3.1	Core Concept	4
3.3.2	Use Norms	4
3.4	Distributed Transaction	4
3.4.1	Core Concept	4
3.4.2	Use Norms	4
3.5	Readwrite-splitting	4
3.6	HA	4
3.7	Scaling	4
3.8	Encryption	4
3.9	Shadow DB	4
3.10	Observability	4
4	User Manual	5
4.1	ShardingSphere-JDBC	5
4.1.1	Java API	5
	Rules	5
4.1.2	YAML Configuration	5
	Rules	5

4.1.3	Spring Boot Starter	5
	Rules	5
4.1.4	Spring Namespace	5
	Rules	5
4.1.5	Builtin Algorithm	5
4.1.6	Special API	5
	Sharding	5
	Transaction	5
	Observability	6
4.2	ShardingSphere-Proxy	6
4.2.1	Startup	6
4.2.2	Configuration Manual	6
4.2.3	DistSQL	6
	Syntax	6
	Usage	6
4.3	ShardingSphere-Sidecar	6
4.4	ShardingSphere-Scaling	6
5	Dev Manual	7
6	Reference	8
6.1	Management	9
6.2	Sharding	9
6.3	Transaction	9
6.4	Scaling	9
6.5	Encryption	9
6.6	Shadow	9
6.7	Test	9
6.7.1	Integration Test	9
6.7.2	Performance Test	9
6.7.3	Module Test	9
6.8	FAQ	9
6.9	API Change Histories	9
6.9.1	ShardingSphere-JDBC	9
6.9.2	ShardingSphere-Proxy	9
7	Downloads	10

2.1 Adaptor

2.2 Mode

2.3 DistSQL

2.4 Pluggable Architecture



3

Features

3.1 DB Compatibility

3.1.1 SQL Parser

3.1.2 DB Protocol

3.2 Management

3.3 Sharding

3.3.1 Core Concept

3.3.2 Use Norms

3.4 Distributed Transaction

3.4.1 Core Concept

3.4.2 Use Norms

3.5 Readwrite-splitting

3.6 HA

3.7 Scaling

3.8 Encryption

3.9 Shadow DB

3.10 Observability

4.1 ShardingSphere-JDBC

4.1.1 Java API

Rules

4.1.2 YAML Configuration

Rules

4.1.3 Spring Boot Starter

Rules

4.1.4 Spring Namespace

Rules

4.1.5 Builtin Algorithm

4.1.6 Special API

Sharding

Transaction

Observability

4.2 ShardingSphere-Proxy

4.2.1 Startup

4.2.2 Configuration Manual

4.2.3 DistSQL

Syntax

RDL Syntax

RQL Syntax

RAL Syntax

Usage

4.3 ShardingSphere-Sidecar

4.4 ShardingSphere-Scaling

Reference

6.1 Management

6.2 Sharding

6.3 Transaction

6.4 Scaling

6.5 Encryption

6.6 Shadow

6.7 Test

6.7.1 Integration Test

6.7.2 Performance Test

6.7.3 Module Test

6.8 FAQ

6.9 API Change Histories

6.9.1 ShardingSphere-JDBC

6.9.2 ShardingSphere-Proxy

7

Downloads