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# **Apache ShardingSphere document**

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**Nov 14, 2021**

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## **2.1 Adaptor**

## **2.2 Mode**

## **2.3 DistSQL**

## **2.4 Pluggable Architecture**

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## 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

Rules

### 4.1.3 Spring Boot Starter

Rules

### 4.1.4 Builtin Algorithm

### 4.1.5 Special API

Sharding

Transaction

Observability

## 4.2 ShardingSphere-Proxy

### 4.2.1 Usage

DistSQL



Syntax

RDL Syntax

RQL Syntax

RAL Syntax

Usage

**4.2.2 Configuration Manual**

**4.3 ShardingSphere-Sidecar**

**4.4 ShardingSphere-Scaling**





## Reference

### **6.1 Management**

### **6.2 Sharding**

### **6.3 Transaction**

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### **6.5 Encryption**

### **6.6 Shadow**

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#### **6.7.1 Integration Test**

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**Downloads**