Introduction to Redis

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Introduction to Redis

- Redis Compared to Other Databases and Software
- Features
- Why Redis?

What Redis Data Structures Look Like

- Strings in Redis
- Lists in Redis
- Sets in Redis
- Hashes in Redis
- Sorted sets in Redis

Redis Web Applications

- Login and Cookie Caching
- Shopping Carts in Redis
- Web Page Caching
- Database Row Caching
- Web Page Analytics

Commands in Redis

- Strings
- Lists Sets
- Hashes
- Sorted Sets
- Publish/Subscribe
- Sorting
- Transactions
- Expiring Keys

Data Management

- Persistence Options
- Snapshots

- Append-only File Persistence
- Rewriting/Compacting Append-only Files
- Replication
- Configuring for Replication
- Master/Slave Chains
- Verifying Disk Writes
- System Failures