Redis Stack and modules

Redis develops several modules that extend the core Redis feature set. Some of the features these modules provide include querying, indexing and full-text search, JSON support, and probabilistic data structures.

Redis Stack lets you install and leverage modules quickly; it enables access to multiple modules in a single Redis database.

Redis Enterprise Software and Redis Enterprise Cloud support all capabilities of Redis Stack.

Each module includes a quick start guide.

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**RediSearch**

RediSearch is a source-available full-text and secondary index engine for Redis.

- Introduction
- Release notes
- Sizing calculator
- Documentation

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**RedisJSON**

RedisJSON implements ECMA-404 The JSON Data Interchange Standard as a native data type. It allows storing, updating, and fetching JSON values from Redis keys (documents).

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- Quick start
- Documentation

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**RedisGraph**

RedisGraph is the first queryable property graph database to use sparse matrices to represent the adjacency matrix in graphs and linear algebra to query the graph.

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**RedisTimeSeries**

RedisTimeSeries adds a time series data structure to Redis.

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RedisBloom provides four data types: a scalable Bloom filter, a cuckoo filter, a count-min-sketch, and a top-k.

RedisGears is a serverless engine for transaction, batch, and event-driven data processing in Redis. (Redis Enterprise Software only)

RedisAI is a Redis module for executing deep learning/machine learning models and managing their data. (Redis Enterprise Software only)

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