Redis 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.

You can use these modules with Redis Enterprise Software.

You can use many, but not all, modules with Redis Enterprise Cloud. For details, see Redis Enterprise module support.

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.

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

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

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