

Aggregation Operations



Single purpose aggregation operations

MongoDB provides a number of aggregation operations that perform specific aggregation operations on a set of data.

Aggregation Operations

- Count()
- Distinct()
- Group()

Aggregation Operations

Count() : return a count of the number of documents that match a query.

Distinct() : operation takes a number of documents that match a query and returns all of the unique values for a field in the matching documents.

Group() : operation takes a number of documents that match a query, and then collects groups of documents based on the value of a field or fields.

Stages in Aggregation Framework

\$project: used to select some specific fields from a collection.

\$match: it is a filtering operation used to reduce the documents that are given as input to the next stage.

\$group: this does the actual aggregation as discussed above.

\$sort: used to sort the documents

\$skip: with this it is possible to skip forward in the list of documents for a given amount of documents.

\$limit: limits the amount of documents

\$unwind: this is used to unwind documents that are using arrays.



Hands-On

