

Indexes

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PostgreSQL indexes are effective tools to enhance database performance. Indexes help the database server find specific rows much faster than it could do without indexes.

Indexes add write and storage overheads to the database system. Therefore, using them appropriately is very important.

- `SELECT * FROM pg_indexes;`
- `CREATE INDEX index_name ON table_name [USING method(btree, hash, gist, spgist, gin, and brin)]
(
 column_name [ASC | DESC] [NULLS {FIRST | LAST }],
);`

Unique Indexes

UNIQUE index enforces the uniqueness of values in **one or multiple columns**.

- `CREATE UNIQUE INDEX index_name ON table_name(column_name, [...]);`
- `DROP INDEX [CONCURRENTLY] [IF EXISTS] name [, ...] [CASCADE | RESTRICT]`

Interview Questions