

Data retrieval

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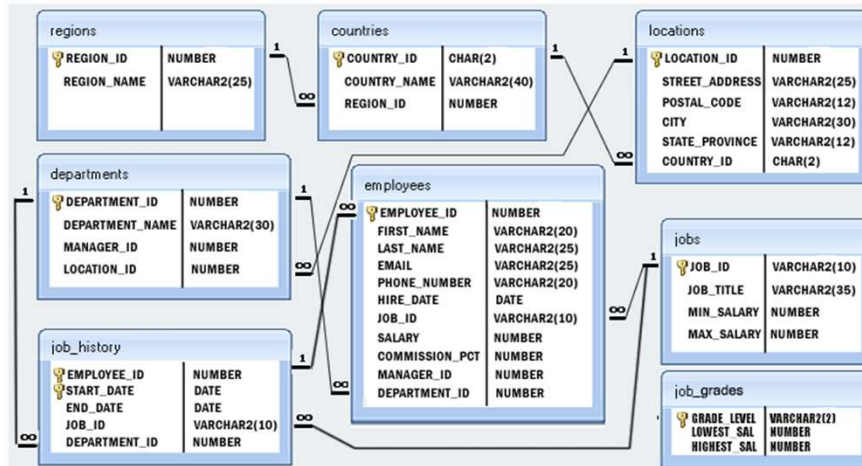
PostgreSQL document

- <https://www.postgresql.org/docs/>
- <https://www.postgresql.org/docs/13/index.html>

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Lược đồ CSDL (HR)



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SELECT statement

SELECT [ALL | DISTINCT | DISTINCT ON (distinct_expressions)] expressions
FROM tables
[WHERE conditions]
[GROUP BY expressions]
[HAVING condition]
[ORDER BY expression [ASC | DESC | USING operator] [NULLS FIRST | NULLS LAST]]
[LIMIT [number_rows | ALL]
[OFFSET offset_value [ROW | ROWS]]
[FETCH { FIRST | NEXT } [fetch_rows] { ROW | ROWS } ONLY]
[FOR { UPDATE | SHARE } OF table [NOWAIT]];

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<https://www.postgresql.org/docs/current/queries.html>

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Select department_id, count(employee_id)

From Employee

Where department_id like 'IT_%'

Group by department_id

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Select department_id, count(employee_id)

From Employee

Group by department_id

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Having department_id like 'IT_%'

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Select department_id, count(employee_id)

From Employee

Where salary > 5000000

Group by department_id

Select department_id, count(employee_id)

From Employee

Group by department_id

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Having min(salary) > 5000000

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Practical work

- See: HR_database → 2_Basic SELECT statement.docx
- Submit assignment on Teams

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