

Free Diagram Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/qpxDsX>

Modify this code to update the DB schema diagram.

To reset the sample schema, replace everything with two dots ('..' - without quotes).

department

| Field | Description | Type | Default | Other |
|-----------|-------------|--------|---------|-------|
| dept_no | | string | | PK |
| dept_name | | string | | |

dept_emp

| Field | Description | Type | Default | Other |
|-------------|--|--------|---------|-------|
| id_dept_emp | added a surrogate key to this table to allow more than one entry of emp_no/dept_no combination. If we use emp_no/dept_no as composite PK, we limit our entries to only one combination. Choosing between the two options depends in how we are modeling the data and in the bussiness rules. Does bussiness rules enforces only one combination of emp_no/dep_no? What if the business will want later to query historical data, for example: what's the rotation of personal among departments? in how many departments an employee has been during his time in the firm? | int | | PK |
| emp_no | | string | | FK |
| dept_no | | string | | FK |
| from_date | | date | | |
| to_date | | date | | |

employees

| Field | Description | Type | Default | Other |
|------------|-------------|--------|---------|-------|
| emp_no | | string | | PK |
| brith_date | | date | | |
| first_name | | string | | |
| last_name | | string | | |

| Field | Description | Type | Default | Other |
|------------|-------------|--------|---------|-------|
| gender | | string | | |
| hired_date | | date | | |

dept_manager

| Field | Description | Type | Default | Other |
|-----------------|--|--------|---------|-------|
| id_dept_manager | added a surrogate key to this table for the same motives as dept_emp | int | | PK |
| dept_no | | string | | FK |
| emp_no | | string | | FK |
| from_date | | date | | |
| to_date | | date | | |

salaries

| Field | Description | Type | Default | Other |
|-----------|---|--------|---------|-------|
| id_salary | added a surrogate key to this table for the same motives as dept_emp and dept_manager what if we need to make an analysis of salaries of employees and use historical data? | int | | PK |
| emp_no | | string | | FK |
| salary | | money | | |
| from_date | | date | | |
| to_date | | date | | |

titles

| Field | Description | Type | Default | Other |
|-----------|------------------|--------|---------|-------|
| id_titles | same as salaries | int | | PK |
| emp_no | | string | | FK |
| title | | string | | |
| from_date | | date | | |
| to_date | | date | | |