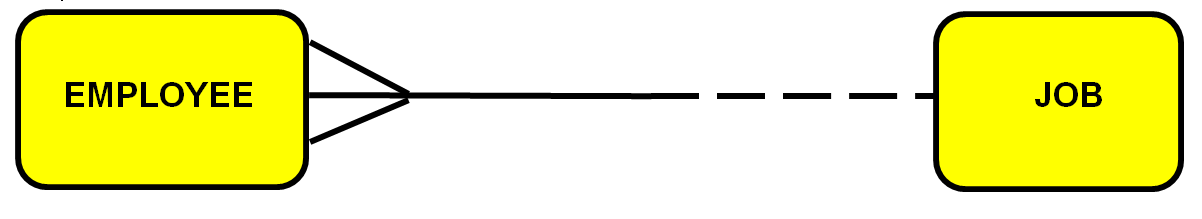
## ERD



Employee must have one and only one job.

Job may be done by one or more employees.

|  |  |
| --- | --- |
| Attributes of employee: | Attributes of job: |
| # employee\_id  \* first\_name  \* last \_name  o hire \_date  \* job\_id  o salary  o picture  o cv | # job\_id  \* job\_title  o min\_salary  o max\_salary |

## Mapping

|  |  |  |  |
| --- | --- | --- | --- |
| **EMPLOYEES** (EPE) | | | |
| *tip ključa* | *opcionalnost* | *naziv kolone* | *tip podataka* |
| pk | \* | employee\_id | INT |
|  | \* | first\_name | VARCHAR(30) |
|  | \* | last\_name | VARCHAR(30) |
|  | o | hire\_date | DATE |
| fk | \* | job\_id | INT |
|  | o | salary | DECIMAL(8,2) |
|  | o | picture | BLOB |
|  | o | cv | TEXT |

|  |  |  |  |
| --- | --- | --- | --- |
| **JOBS** (JBS) | | | |
| *tip ključa* | *opcionalnost* | *naziv kolone* | *tip podataka* |
| pk | \* | job\_id | INT |
|  | \* | job\_title | VARCHAR(30) |
|  | o | min\_salary | DECIMAL(8,2) |
|  | o | max\_salary | DECIMAL(8,2) |

## Create tables in database

CREATE DATABASE mycompany;

CREATE TABLE jobs (

job\_id INT NOT NULL,

job\_title VARCHAR(30) NOT NULL,

min\_salary DECIMAL(8,2),

max\_salary DECIMAL(8,2),

PRIMARY KEY (job\_id)

);

CREATE TABLE employees (

employee\_id  INT NOT NULL,

first\_name VARCHAR(30) NOT NULL,

last\_name VARCHAR(30) NOT NULL,

hire\_date DATE,

job\_id INT NOT NULL,

salary DECIMAL(8,2),

picture BLOB,

cv TEXT,

PRIMARY KEY (employee\_id),

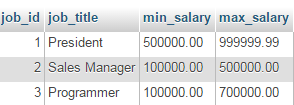
FOREIGN KEY (job\_id) REFERENCES jobs(job\_id)

);

INSERT INTO jobs VALUES (1, 'President', 500000, 999999.99);

INSERT INTO jobs VALUES (2, 'Sales Manager', 100000, 500000);

INSERT INTO jobs VALUES (3, 'Programmer', 100000, 700000);



INSERT INTO employees VALUES (1,'Carlos','Santana','1987-03-17',1,600000,NULL,NULL);

