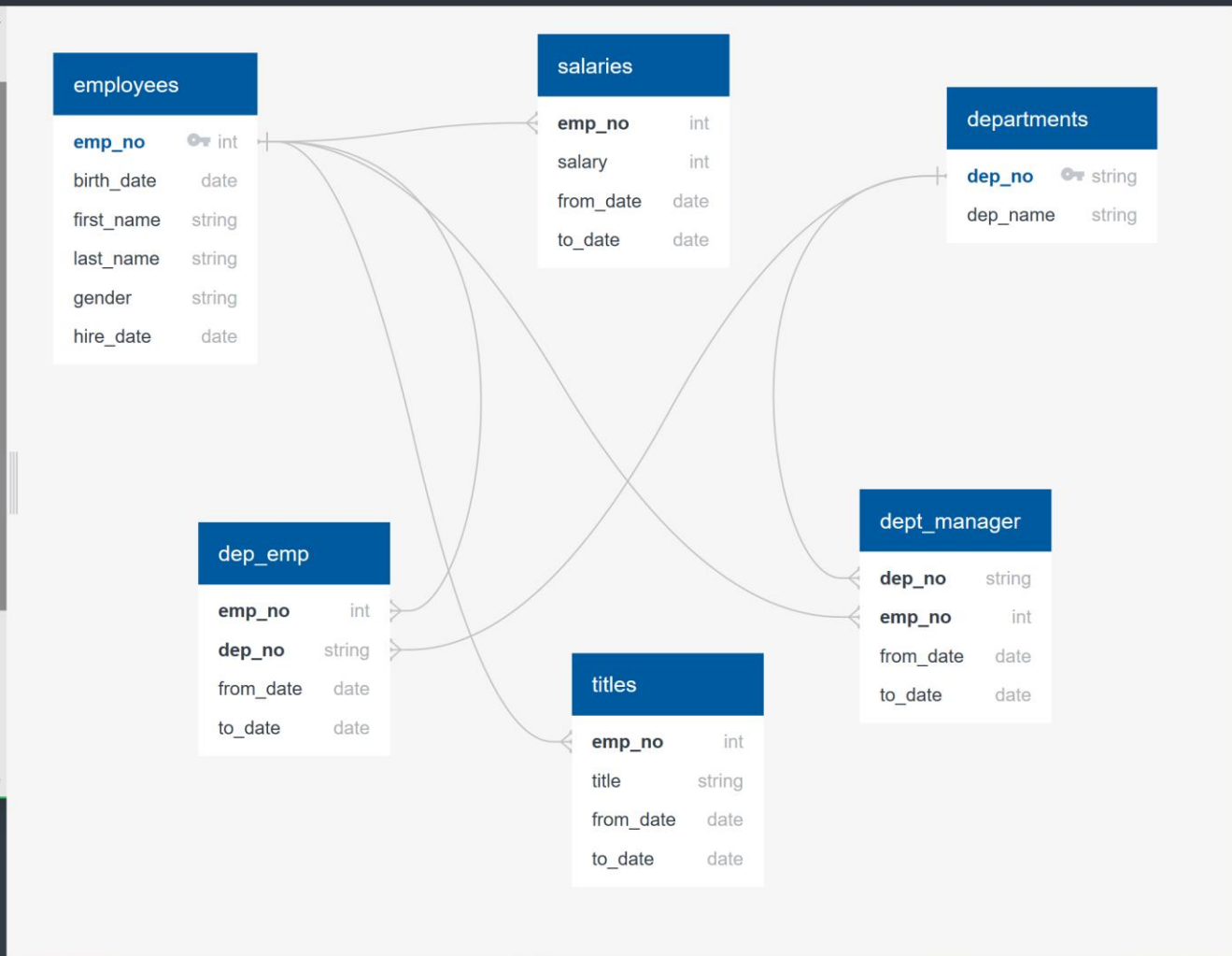


```
1 # CARLOS MORENO
2 # ERD |
3
4 employees
5 -
6 emp_no PK int
7 birth_date date
8 first_name string
9 last_name string
10 gender string
11 hire_date date
12
13
14 departments
15 -
16 dep_no PK string
17 dep_name string
18
19 dep_emp
20 -
21 emp_no int FK >- employees.emp_no
22 dep_no string FK >- departments.dep_no
23 from_date date
24 to_date date
25
26 dept_manager
27 -
28 dep_no string FK >- departments.dep_no
29 emp_no int FK >- employees.emp_no
30 from_date date
31 to_date date
32
33 salaries
34 -
35 emp_no int FK >- employees.emp_no
```



specified
Order
rel >- Customer.CustomerID

OrderID
CustomerID

Relationships as a part of **table field definition** (inline) can be defined at any position after the field name has been defined. In this case relationship type is mandatory, but the connection relation field name is still optional.

Order
-
OrderID PK int
CustomerID int FK >- cst.CustomerID

Allowed relationship types are:

- - one TO one
- < - one TO many
- >- - many TO one
- >-< - many TO many
- 0 - one TO zero or one
- 0- - zero or one TO one
- 0-0 - zero or one TO zero or one
- 0< - one TO zero or many
- >0- - zero or many TO one

Frequently asked for examples:

[Multi-FK-to-PK](#)
[FK as multi-PK](#)