

Database 환경

1. 개요

- 데이터베이스 기본정보

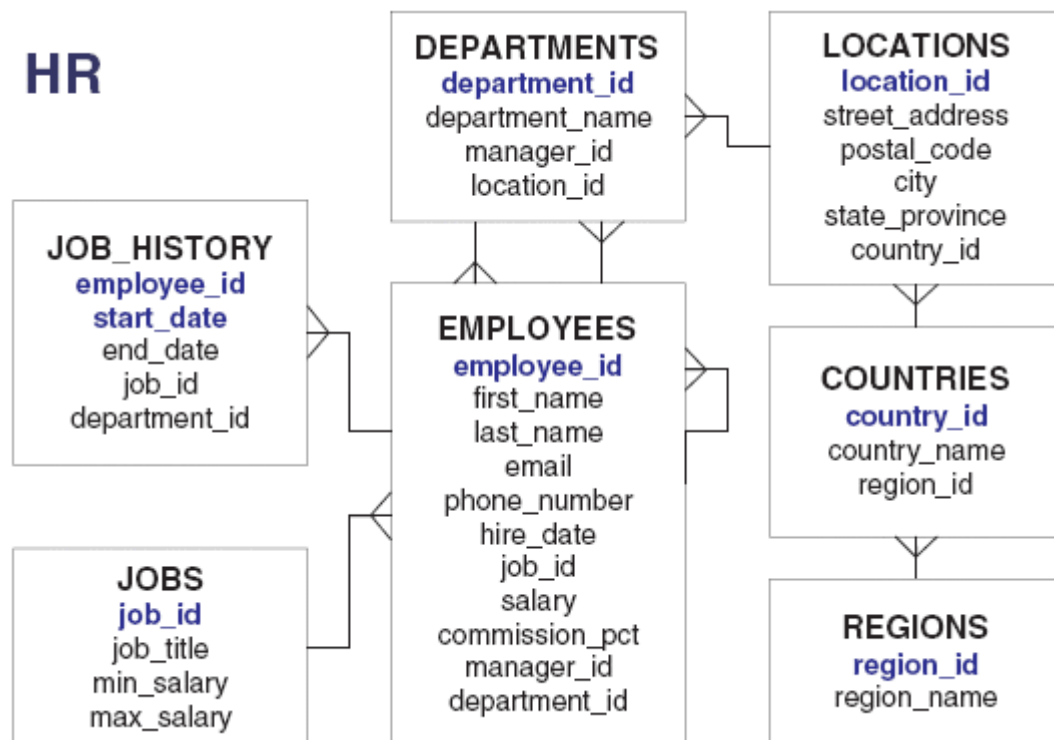
- IP : 127.0.0.1 (localhost)
- SID : xe
- ID : hr
- Password : a1234

- 테이블 정보

- 테이블 개수 : 7개
- COUNTRIES(국가), DEPARTMENTS(부서), EMPLOYEES(사원), JOBS(업무), JOB_HISTORY(업무 이력), LOCATIONS(위치), REGIONS(지역)

2. Entity-Relation Diagram

Sample로 사용하는 HR(Human Resource) 스키마의 정보는 아래와 같습니다.



3. Table Descriptions

테이블에 대한 상세 정보는 아래와 같습니다.

Table COUNTRIES (국가)

Name	Null?	Type
COUNTRY_ID	NOT NULL	CHAR(2)
COUNTRY_NAME		VARCHAR2(40)
REGION_ID		NUMBER

Table DEPARTMENTS (부서)

Name	Null?	Type
DEPARTMENT_ID	NOT NULL	NUMBER(4)
DEPARTMENT_NAME	NOT NULL	VARCHAR2(30)
MANAGER_ID		NUMBER(6)
LOCATION_ID		NUMBER(4)

Table EMPLOYEES (직원)

Name	Null?	Type
EMPLOYEE_ID	NOT NULL	NUMBER(6)
FIRST_NAME		VARCHAR2(20)
LAST_NAME	NOT NULL	VARCHAR2(25)
EMAIL	NOT NULL	VARCHAR2(25)
PHONE_NUMBER		VARCHAR2(20)
HIRE_DATE		NOT NULL DATE
JOB_ID		NOT NULL VARCHAR2(10)
SALARY		NUMBER(8,2)
COMMISSION_PCT		NUMBER(2,2)
MANAGER_ID		NUMBER(6)
DEPARTMENT_ID		NUMBER(4)

Table JOBS (업무)

Name	Null?	Type
JOB_ID	NOT NULL	VARCHAR2(10)
JOB_TITLE	NOT NULL	VARCHAR2(35)
MIN_SALARY		NUMBER(6)
MAX_SALARY		NUMBER(6)

Table JOB_HISTORY (업무 이력)

Name	Null?	Type
EMPLOYEE_ID	NOT NULL	NUMBER(6)
START_DATE	NOT NULL	DATE
END_DATE	NOT NULL	DATE
JOB_ID	NOT NULL	VARCHAR2(10)
DEPARTMENT_ID		NUMBER(4)

Table LOCATIONS (위치)

Name	Null?	Type
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LOCATION_ID	NOT NULL	NUMBER(4)
STREET_ADDRESS		VARCHAR2(40)
POSTAL_CODE		VARCHAR2(12)
CITY	NOT NULL	VARCHAR2(30)
STATE_PROVINCE		VARCHAR2(25)
COUNTRY_ID		CHAR(2)

Table REGIONS (지역)

Name	Null?	Type
REGION_ID	NOT NULL	NUMBER
REGION_NAME		VARCHAR2(25)