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- - - - - Base de données SQL - - - - -
*****
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CREATE TABLE Regions (
    code_region INTEGER NOT NULL CHECK(code_region >= 0),
    nom_region VARCHAR(64) NOT NULL,
    PRIMARY KEY (code_region)
);
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CREATE TABLE Departements (
    code_departement VARCHAR(3) NOT NULL,
    nom_departement VARCHAR(64) NOT NULL,
    PRIMARY KEY (code_departement)
);
*****
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CREATE TABLE Communes (
    code_departement_code_commune VARCHAR(6) NOT NULL PRIMARY KEY,
    nom_commune VARCHAR(64) NOT NULL,
    population INTEGER NOT NULL CHECK(population >= 0),
    code_departement VARCHAR(3) NOT NULL,
    FOREIGN KEY (code_departement) REFERENCES
Departements(code_departement)
    code_region INTEGER NOT NULL CHECK(code_region >= 0)
    FOREIGN KEY (code_region) REFERENCES Regions(code_region)
);
*****
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CREATE TABLE Biens (
    id_bien VARCHAR(64) NOT NULL PRIMARY KEY,
    code_departement_code_commune VARCHAR(6) NOT NULL,
    FOREIGN KEY (code_departement_code_commune) REFERENCES
Communes(code_departement_code_commune),
    numero_voie INTEGER,
    b_t_q VARCHAR(5),
    type_voie VARCHAR(4),
    code_voie VARCHAR(4) NOT NULL,
    voie VARCHAR(64) NOT NULL,
    prefix_section INTEGER,
    section VARCHAR(2),
    numero_plan INTEGER NOT NULL CHECK (numero_plan > 0),
    lot VARCHAR(16) NOT NULL,
    surface_carrez FLOAT NOT NULL CHECK (surface_carrez > 0),
    surface_reelle INTEGER NOT NULL CHECK (surface_reelle > 0),
    surface_terrain INTEGER,
    type_local VARCHAR(32) NOT NULL,
    nombre_piece INTEGER NOT NULL CHECK (nombre_piece >= 0)
);
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CREATE TABLE Ventes (
    id_vente SERIAL PRIMARY KEY,
    id_bien VARCHAR(64) NOT NULL,

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FOREIGN KEY (id_bien) REFERENCES biens(id_bien),
valeur_fonciere FLOAT,
date_mutation DATE NOT NULL,
nature_mutation VARCHAR(64) NOT NULL
);
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