The relational schema of the Mondial database

Country: the countries of the world with some data.
name: The country name
code: The car code
capital: The name of the capital
province: The province where the capital belongs to
area: the total area
population: the population number

Economy: economical information about the countries.
country: the country code
GDP: gross domestic product
agriculture: percentage of agriculture of the GDP
service: percentage of services of the GDP
industry: percentage of industry of the GDP
inflation: inflation rate (per annum)

Population: information about the population of the countries.
country: the country code
population_growth: population growth rate (per annum)
infant_mortality: infant mortality (per thousand)

Politics: political information about the countries.
country: the country code
independence: date of indepenedence
government: type of government

Language: infomation about the languages spoken in a country
country: the country code
name: name of the languange
percentage: percentage of the language in this country

Religion: information about the religions in a country
country: the country code
name: name of the religion
percentage: percentage of the language in this country

Ethnic_Group: information about the ethnic groups in a country
country: the country code
name: name of the religion
percentage: percentage of the language in this country

borders: informations about neighboring countries. Note that in this relation, for every pair of neighboring countries (A,B), only one tuple is given – thus, the relation is *not* symmetric.
country1: a country code
country2: a country code

length: length of the border between country1 and country2

Continent: Information about continents.
name: name of the continent
area: total area of the continent

encompasses: information to which continents a country belongs.
country: the country code
continent: the continent name
percentage: percentage, how much of the area of a country belongs to the continent

City: information about cities.
name: the name of the city
country: the country code where it belongs to
province: the name of the province where it belongs to
population: population of the city
longitude: geographic longitude
latitude: geographic latitude

Province: information about administrative divisions.
name: the name of the administrative division
country: the country code where it belongs to
area: the total area of the province
population: the population of the province
capital: the name of the capital
capprov: the name of the province where the capital belongs to
note that *capprov* is not necessarily equal to *name*. E.g., the municipality of *Bogota (Columbia)* is a province of its own, and *Bogota* is the capital of the surrounding province *Cudinamarca*.

Organization: information about political and economical organizations.
name: the full name of the organization
abbreviation: its abbreviation
city: the city where it is seated
country: the country code of its seat
province: the province of its seat
established: date of establishment

is_member: memberships in political and economical organizations.
organization: the abbreviation of the organization
country: the code of the member country
type: the type of membership

Lake: information about lakes.
name: the name of the lake
area: the total area of the lake

River: information about rivers.
name: the name of the river
length: the length of the river
river: the river where it flows to
lake: the lake where it flows to
sea: the sea where it flows to

Sea: information about seas.
name: the name of the sea
depth: the maximal depth of the sea

Mountain: information about mountains
name: the name of the mountain
height: the height of the mountain
coordinates: its geographical coordinates as (longitude,latitude)

Island: information about islands
name: the name of the island
islands: the group of islands where it belogs to
area: the area of the island
coordinates: its geographical coordinates as (longitude,latitude)

Desert: information about deserts.
name: the name of the desert
area: the total area of the desert

geo_Mountain: geographical information about mountains
mountain: the name of the mountain
country: the country code where it is located
province: the province of this country

Note that for a country there can be several provinces where the mountain is located in.
analogous for *geo_island*, *geo_desert*, *geo_river*, *geo_lake*, *geo_sea*.

merges_with: information about neighboring seas.
sea1: a sea
sea2: a sea

located: information about cities located at rivers, lakes, and seas.
city: the name of the city
country: the country code where the city belongs to
province: the province where the city belongs to
river: the river where it is located at
lake: the lake where it is located at
sea: the sea where it is located at
Note that for a given city, there can be several lakes/seas/rivers where it is located at.