The relational schema of the Mondial database

Country: the countries (and similar areas) of the world with some data.
name: The country name
code: The country code
capital: The name of the capital
province: The province where the capital belongs to
area: the total area (square miles)
population: the population number

Economy: economical information about the countries.
country: the country code
GDP: gross domestic product (in million $)
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)

borders: information 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 the headquarter is located
country: the country code where the headquarter is located
province: the province where the headquarter is located
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

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
source: the coordinates of its source
sourceAltitude: the altitude of its source
mountains: the montains where its source is located
source: the coordinates of its estuary

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

merges_with: information about neighboring seas. Note that in this relation, for every pair of neighboring seas (A,B), only one tuple is given – thus, the relation is not symmetric.
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.

geo_Sea: geographical information about seas
sea: the name of the sea
country: the country code where it is located
province: the province of this country

geo_River: geographical information about rivers
river: the name of the river
country: the country code where it is located
province: the province of this country