Data management project

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The data management project uses several common files which are documented here.

1 France administrative structure

- `regions.csv`: maps a region `id` to its `name`;

- `departments.csv`: maps a department `id` to its `name` and to the id of its `region`;

- `cities.csv`: maps a city INSEE `id` to its `name`, to the id of its `department` and to its `type`.

2 France geographical structure

The file `cities-gps.csv` maps the INSEE `id` of a city to its geographical coordinates. This corresponds to the GPS coordinates of its center, expressed in the WSG 84 system[1] (`latitude` and `longitude`) as well as in the Lambert-93 projection[2] (`X` and `Y`). The Lambert-93 coordinates can be used to compute distances (in meters) between cities with a reasonable precision in metropolitan France.

3 France population

The file `cities-population.csv` maps the INSEE `id` of a city to its total `population`.

4 Jobs and occupation categories

The file `csp.csv` maps an occupation `code` to a description in French of the jobs or occupations associated to this code.

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[1] https://en.wikipedia.org/wiki/World_Geodetic_System
[2] https://en.wikipedia.org/wiki/Lambert_conformal_conic_projection