

# Chapter 1 : Introduction

- Compass → GUI for MondoDB
- Database names : collections and documents
  - collections  $\cong$  tables
  - documents / objects  $\cong$  registros
  - namespace = <database>.<collection>
- Datasets
  - schema
  - documents
  - fields types:
    - int32
    - double
    - string
    - date
- Fields with Documents as Values
  - uso en índices
  - nested documents : un documento (registro) puede contener otro documento (que contiene sus campos)
- Fields with Arrays as Values
- Filters:
  - **JSON** format
  - {«key»:«value»}
  - equality filter : exact value
  - range filter : {'birth year': {\$gte: 1970,\$lt: 1975}}
    - \$gte(greater-equal), \$lt(less than) : operators
- geographical data
  - many functions / filtes
  - click+shift to select arround a point

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