

Structure

```
{
  ....proj: {
    .....id,
    .....lon0,
    .....lat0
  },
  ....layers: {
    .....layer1: {
      .....src,
      .....filter,
      .....attributes,
      .....join,
      .....simplify
    },
    .....}
  },
  ....export: {
    .....width,
    .....round
  },
  ....bounds: {
    .....mode,
    .....data: {
      .....layer
    },
    .....}
  }
}
```

Command Line

```
kartograph config.json --preview
kartograph config.json -o mymap.svg
```

Attributes

```
"all"

["ISO3", "NAME"]

"iso": "ISO3"
```

Join

```
all      true

auto     "group-by": "CONT"
group

define   "groups": { "1": ["a", "b", "c"], "2":
group    ["x", "y", "z"]}

         "group-as": "id"

buffer   "buffer": 0.0000001
```

Filter

```
is / =   ["ISO3", "is", "FRA"]
         ["ISO3", "=", "FRA"]
         { "ISO3": "FRA" }

like     ["NUTS", "like", "FR%"]

regex   ["NUTS", "matches", "^FR\d"]

list     ["ISO", "in", ["FRA", "DEU", "ESP",
"GBR"]]
         { "ISO": ["FRA", "DEU", "ESP",
"GBR"] }

>        ["AREA", "greater", 100000]
<        ["AREA", "less", 100000]

not      ["ISO", "is not", "FRA"]
         ["ISO", "not like", "F%"]

and / or "and": [filter_1, filter_2]

nesting  "or": [ {expression}, {expression}]
```

Full Reference

<http://kartograph.org/docs/kartograph.py/>



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