Targeted skills

By the end of this module, you will know how to:

- dissolve/merge polygon features by attribute (see explanation below)

Data

Data to be used in this module can be found in the following folder:

`data/grc_admin3`

Exercise outline & memos

Dissolving/merging polygon features by attribute

This operation looks a bit esoteric but the idea is simple. Let's take an example, imagine
a country where the main administrative levels are provinces further divided into regions.
You want a shapefile of these provinces but you only have for now a shapefile of the regions.

If in your "regions" shapefile, the attribute table contains the province name for each region feature
(see table below), then you can dissolve/merge the polygons by attribute (in our case "province").

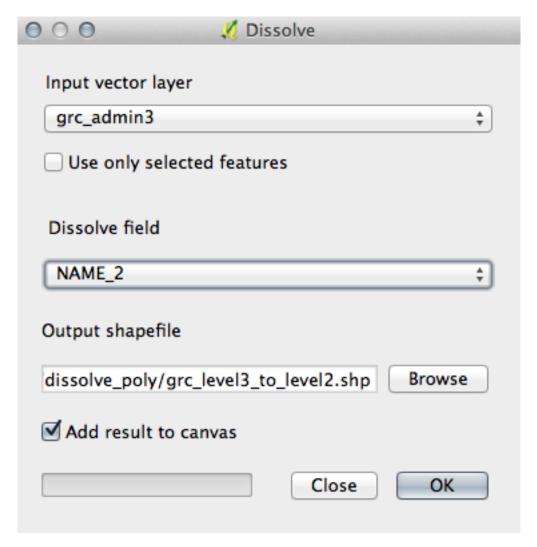| province	region
prov_a	reg_1
prov_a	reg_2
prov_b	reg_3
prov_b	reg_4
...	...

To do so go through the following steps:

`Open: data/grc_admin3/grc_admin3.shp`

```
[In QGIS top menu]
Vector  Geoprocessing Tools  Dissolve...
```

then reproduce the settings below:

Save shapefile created as: "grc_level3_to_level2"

As simple as that !