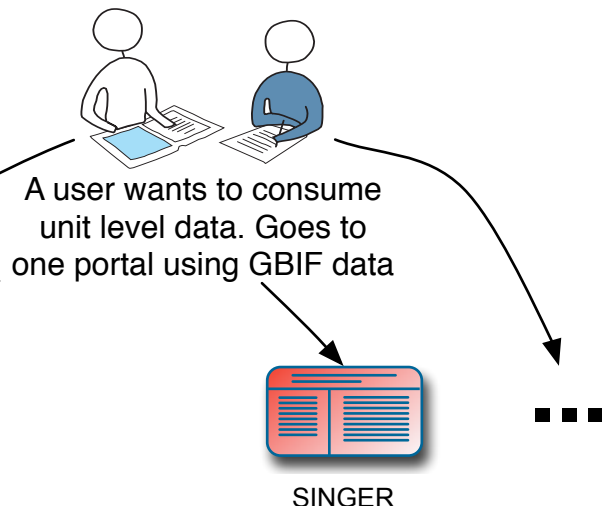


# Integration scenario:

The user wants to use a portal to browse the data. After applying filters (searches), he has a set of specimen he would like to do a GIS analysis with them.



GBIF portal



BioCASE portal



SINGER

- Filters the data by doing searches until he finish with a dataset that he is interested in

500 specimens

click on "Get as GIS"

User selects which data he wants to bring with the points (properties for the features)

XML document with 500 records with the properties selected by the user,

Automatically a document is generated by the portal

Message: Please wait we are processing your data... (30 sec maybe?) AJAX to know when process is finished

This xml is posted into a GIS service . Madrid

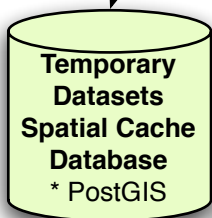


Internet

The page is refreshed when the request has been processed

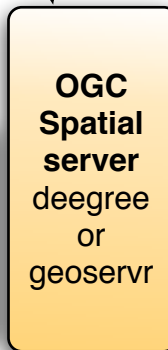
Program that creates a table in PostGIS with the columns necessary to accommodate the user selection of properties. Insert the 500 records

Register this new created table as a new FeatureType (layer) on deegree



Temporary Datasets Spatial Cache Database \* PostGIS

These 500 records are available as a temporary layer in deegree/ geoserver



- WMS
- WFS
- KML
- GML
- Shapefile

...your request has been processed.

You can now consume your 500 specimens through:

- [WMS](#)
- [WFS](#)
- [View it in Google Maps](#)
- [View it in Google Earth](#)
- [Download the GML](#)
- [Download as a shapefile](#)