Rules for Geo-Referencing Annotation

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In this task, location names found in the Trading Consequences data are linked to their corresponding points on a map.

1 The Tool

The annotation tools is configured and tested for Safari and Chrome but not for any other browsers. The annotation tool itself can be accessed at:

http://homepages.inf.ed.ac.uk/balex/geo-annotation/

At the top of the page, there is a drop-down list of the documents available for annotation. In order to load a document, you can select it on the list, and click **Load**. The document will appear at the bottom half of the browser window.

Each document will contain three kinds of different highlighting:

Red : location names that need to be found on the map.
Green : location names that have already been found on the map.
Blue: location names that have been marked up in the original annotation, but which have not been found in the gazetteer(s) being used.

In order to link marked location names in the document with points on the map, you need to click on a red item in the document. A number of red markers are going to appear on the map. They represent the candidate points to be linked to the location name.

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*These guidelines are adapted from an earlier version written by Vasilis Karaiskos for a similar task.

Click on the marker of your choice, and then click on **Select for this instance** or **Select for all instances**, depending on whether you think that this location name may have different referents on the map or not. The marker will turn green.

Similarly, if you change your mind, you can click on a green marker and deselect your original choice. The marker will turn back to red. It is only possible to select one marker per location name.

Sometimes, none of the markers on the map correspond to the location name mentioned in the document. In those cases, you need to click on either of the two buttons at the top right corner of the map, under the heading *Click below if none of the choices for <location name> is correct.* You should choose **This instance**, if it is just the current mention of the location name that has not been found on the map; **All instances** for cases where this is also the case for any subsequent mention of the same location name.

The location names highlighted in blue in the document can be ignored.

The new annotation needs to be saved by clicking on the **Save Current Document** button at the top of the browser window.

2 Ambiguity resolution

Location markers can refer to different types (populated place, administrative division etc). This information is visible next to **Type** in the window that appears after clicking on a marker.

This is, generally, a very straightforward annotation. The few ambiguities that arise should be resolved as follows:

administrative division vs. populated place

Some location names, in particular cities, towns etc. may have multiple markers on the map for the same location name. Typically, one marker will correspond to some *administrative division* (council etc.), and another to the place itself (*populated place*). In those cases, select the *populated place* marker.

[...] an incompatibility of interest between the Minister of Finance and a merchant bank operating in **Belfast**

However, a county name and a city name may be used interchangeably to refer to either. In those cases, you should select *populated place*

when the referent is the city/town, or if it is unclear what the referent is; select *administrative division* (or *region*) when the referent is the county.

Denholme *is in the parish of Bradford also.* (populated place)

Counties. Sergeants and Constables.
[...]
Londonderry *. 198* (region)

country vs. populated place vs. administrative division vs. region

More than one of the above types of markers (usually a subset thereof) may appear as referents on the map for the **same** location name. Usually such markers appear very near each other. In some cases they might be a little further apart but generally it is obvious if there is more than one marker referring to the same location name.

Is such cases, the order of preference should be as follows:

1. country

2. capital of a country

3. populated place

4. region

5. administrative division (various types)

at Ordnance Barracks in **Great Britain** (country; not region)

Bill to assimilate the law of **Ireland** *to that of* **England** *as to the mode of fixing tho close season for salmon and trout.* (country, administrative division)

multiple markers of the same type

In some cases, there will be more than one marker of the same type referring to the same location name. In those cases, and if the context does not help the choice in any way, choose the most northern one.

The hon. Member wants me to deal with the question of the **Belleek** *potteries.* (two markers for *populated place* appear on the map)

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3   Annotation data

There are 150 files to be annotated. They correspond to the files that were annotated previously for entities and relations. We would like you to go through each file and geo-reference all the red locations.

Don't forgot to save the document, or the annotations get lost. It's good practice to keep saving every so often while going through one document.

Do not use the forward or back button on your browser while annotating. This confuses the tool. If you did this accidentally it's best to reload the tool before you continue annotating.