Chapter 1

Beyond Zeiger

Practical work: ~/Documents/GitHub/space-exploration

2024-01-21

- Creating test 1: Double Between

- Finding places through Norgeskart

- Wenn Schnittfläcke ist leer: error

- Modfiied the width of between objects in pizzacut.py::Between

Idea

1. Find a movement passage in Schnitler

2. Enter all relational information, implicit and explicit

3. Add geolocation of all known places

4. If all places are known:

   (a) Run as many experiments as there are places

   (b) In each, one place is made unknown

   (c) Look a consequences of systematic choices as to if the place falls within the area predicted

(d) What is the smallest possible area of prediction?

https://github.com/jjimenezshaw/Leaflet.UTM

2024-01-24

Can also use R for conversion: https://rdrr.io/cran/oce/

Research plan

1. Create a place record for each place name in SchnitlerTable.html.

2. Establish coordinates for each place using a methodology.[1]

3. Set parameter values for distance, span and direction based on distance in mile and contextual direction information.

4. For each place:

   (a) Generate rooms of possibilities from the place before and after.

   (b) See if the place falls within based on the parameter values used.

2024-01-25

Introduce an outer iterative layer directly in the python scripts?

2024-01-26

Write a python script implementing the structure of the research plan

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[1]In this case, modern map studies based on the gazetteer in Schnitler

2024-02-01

Zeiger is using mathematical coordinates, not geographical.

2024-03-25

Modified main.py, pizzacut.py and draw.py so that a map is drawn also when there is no overlap.

Steps:

```
Space> python scripts/reearchPlan.py
Please input filepath (../file.csv): Documents/testSchnitler.csv
UnknownPlaces-master> python main.py
```

There is something weird with the distances.

And: the road does not in reality go eastwards.

2024-09-20

Start with distance only, with three values for Miile: 6, 8, 11,3

2024-09-20

It is now working with one pair of places, length of miile and with of span set by variables that can be changed.

Rutten Field to bræcke gaard is too far away with my locations, well over 11,3 km.

Todo 1: make it work for all pairs. OK

Warning!!!!

Modified /Users/oeide/Library/Python/3.10/lib/python/site-packages/folium/folium.py

2023-09-23

Now generating one map for each relationship. Also storing the maps in outputMaps

Can start experimenting with span and distance.

Everything is run from:

> ./generateExampleMaps.pl /Documents/GitHub/space-exploration/output

Call order:

1. researchPlan.py

1. generateExampleMaps.pl

2. callMapGeneration.py

3. generate_map_from_file

4. draw / drawNoOverlap

5. show_in_browser (modified library file, see diff)

Parameters are in: researchPlan.py, where the csv file is generated.

Experiments

See ExperimentLog.xlsx

TODO

Todo: Add plotting of the coordinates for the unkown place.