

Data-enhanced Web authoring tool for historical maps

About us :

The CVCE is an interdisciplinary research and documentation centre based in Sanem, Luxembourg. At the heart of the CVCE's vision is a desire to share the results of its studies and research activities on the European integration process with as broad a public as possible, driven by the convictions described in their slogan : *Knowing the past to build the future*.

On this project, the CVCE's Digital Humanities Lab worked with four students from the french Grande Ecole Telecom Nancy.

A few lines about the project :

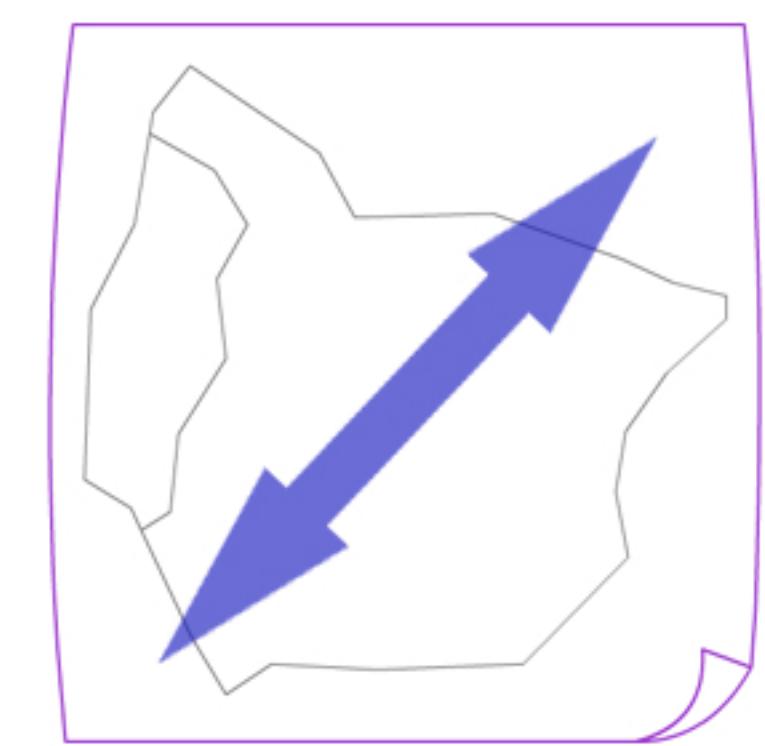
The data-enhanced authoring tool for historical maps is a web application allowing the generation of personalized and dynamical historical maps.

The main purpose of this project is to support research and teaching practices by simplifying the creation of historical content. Through an ergonomic interface, the domain experts will be able to develop powerful maps themselves, without the help of programmers and designers. Those maps will be able to include a chronological dimension, animations, videos, etc.

This will be used at first by the CVCE researchers to feed the center's website, but the maps will potentially be usable on any web environment. To facilitate this reusability we plan to give our maps an innate description using semantic relations.

<PHOTOS ? >

The maps :

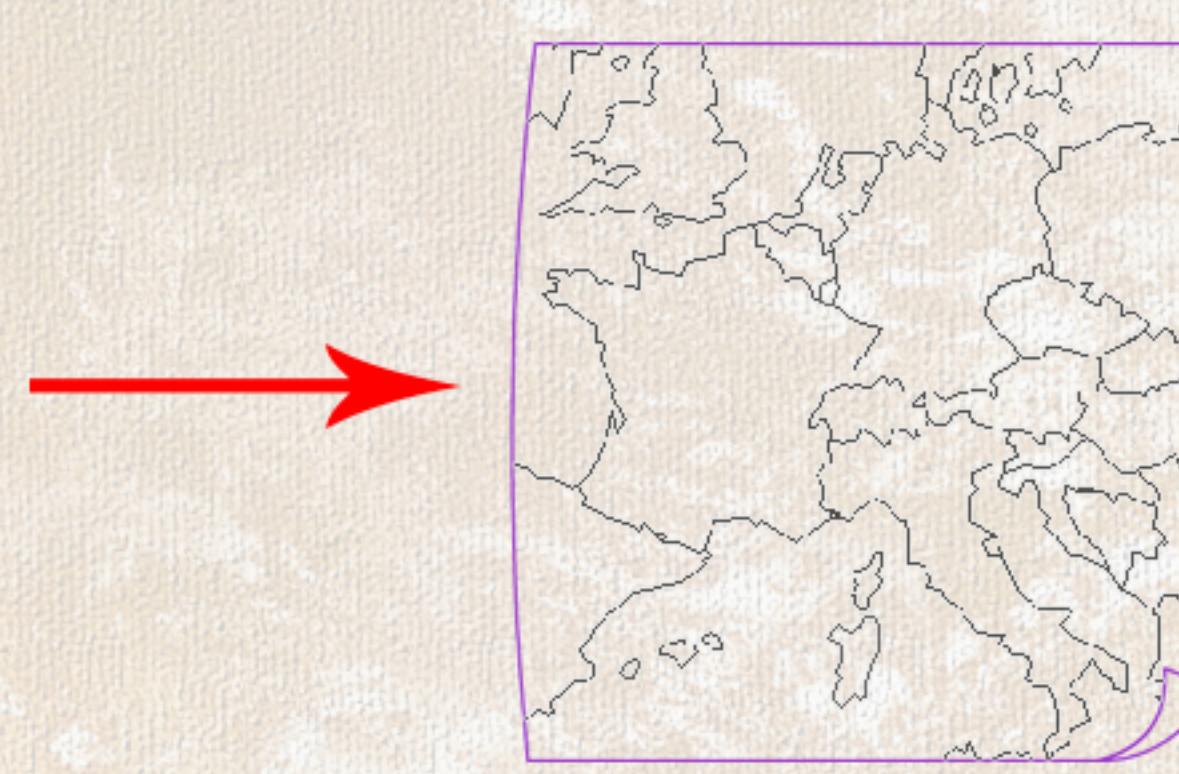
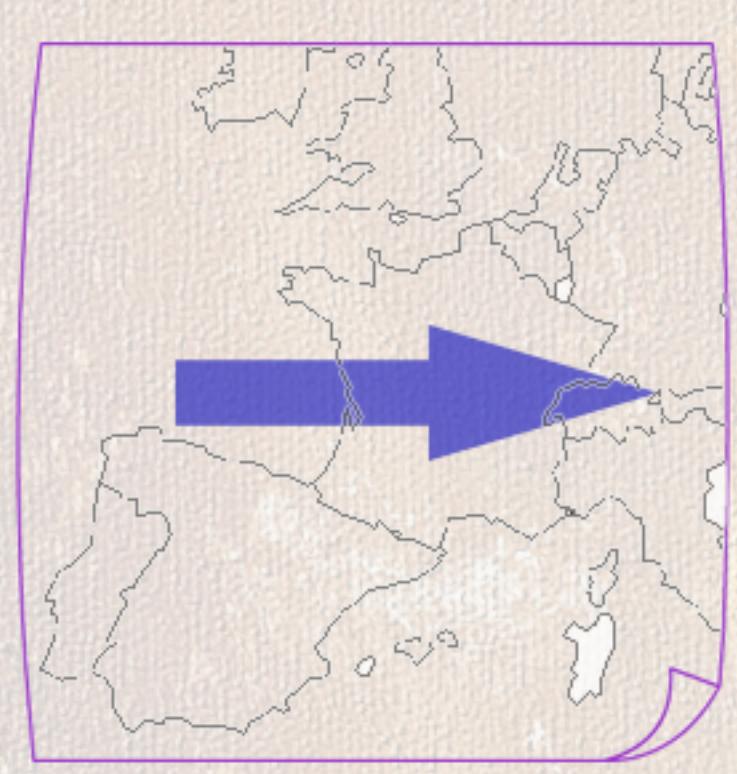


Zoom :

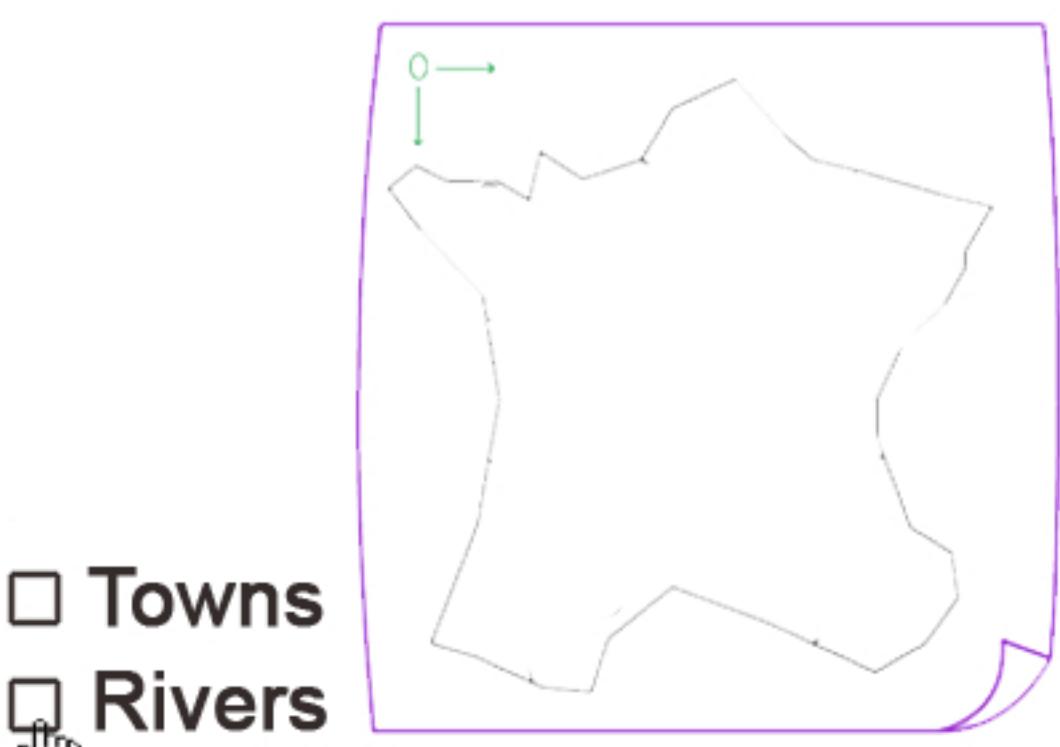
Thanks to the HTML5 element Canvas, the maps can be zoomed in and out without hurting the resolution. This will allow the reader to switch easily between a global vision or a detailed one.

Translation :

Translate in any direction by mouse dragging and navigate across the map.



Display interactive content :



Select the elements you want to see on the map to focus on what you need.

Towns Rivers

Move the time cursor to change the map's date.

Reactive content :

Interact with the map to collect informations about the different elements displayed.

