De Nationale Atlas: GOEDE KAARTEN in de Nationale GeoData Infrastructuur

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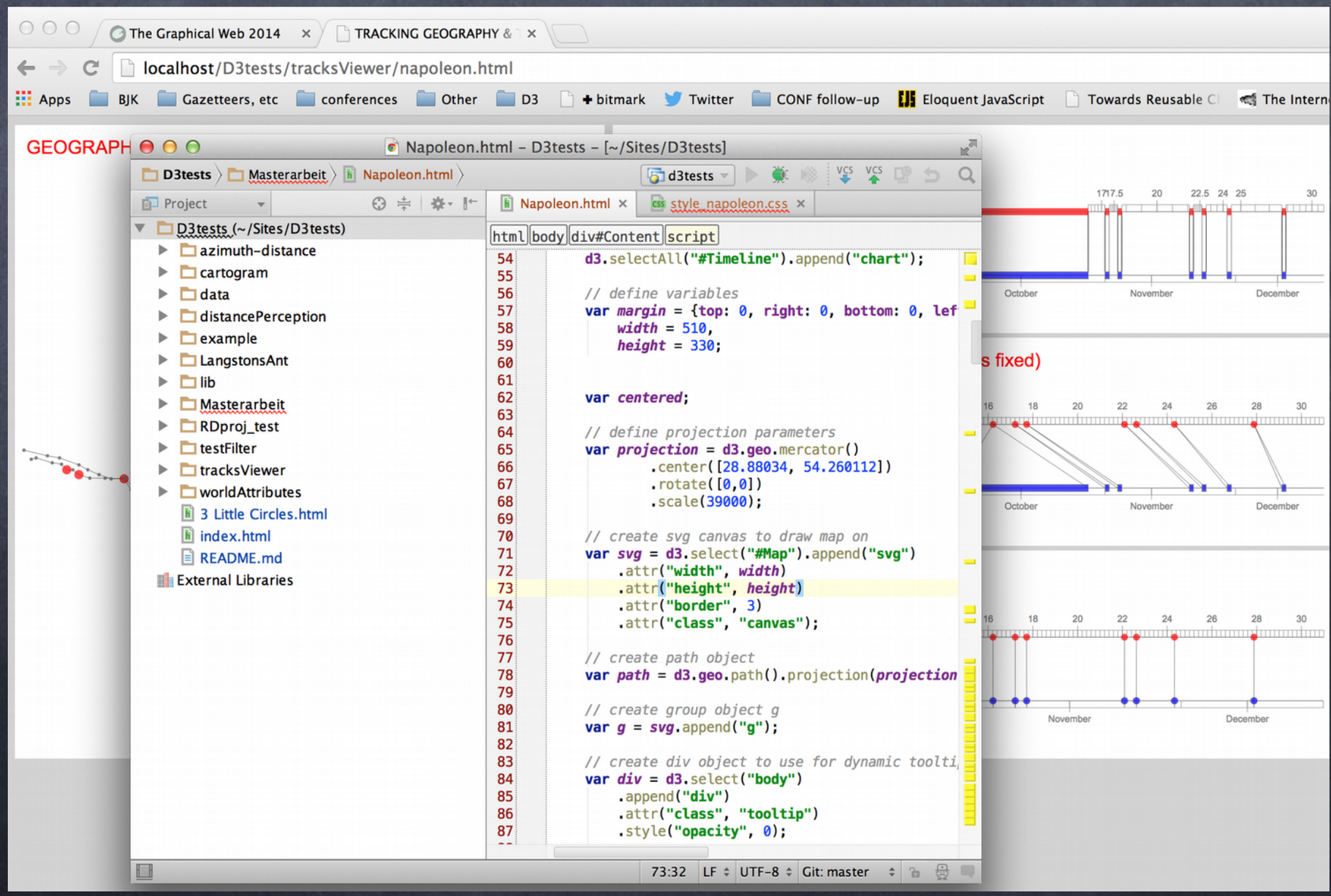
A change in my world

My tools once were these:

A change in my world

...but now look like this:



But my task is still the same:

"show the story in the data"

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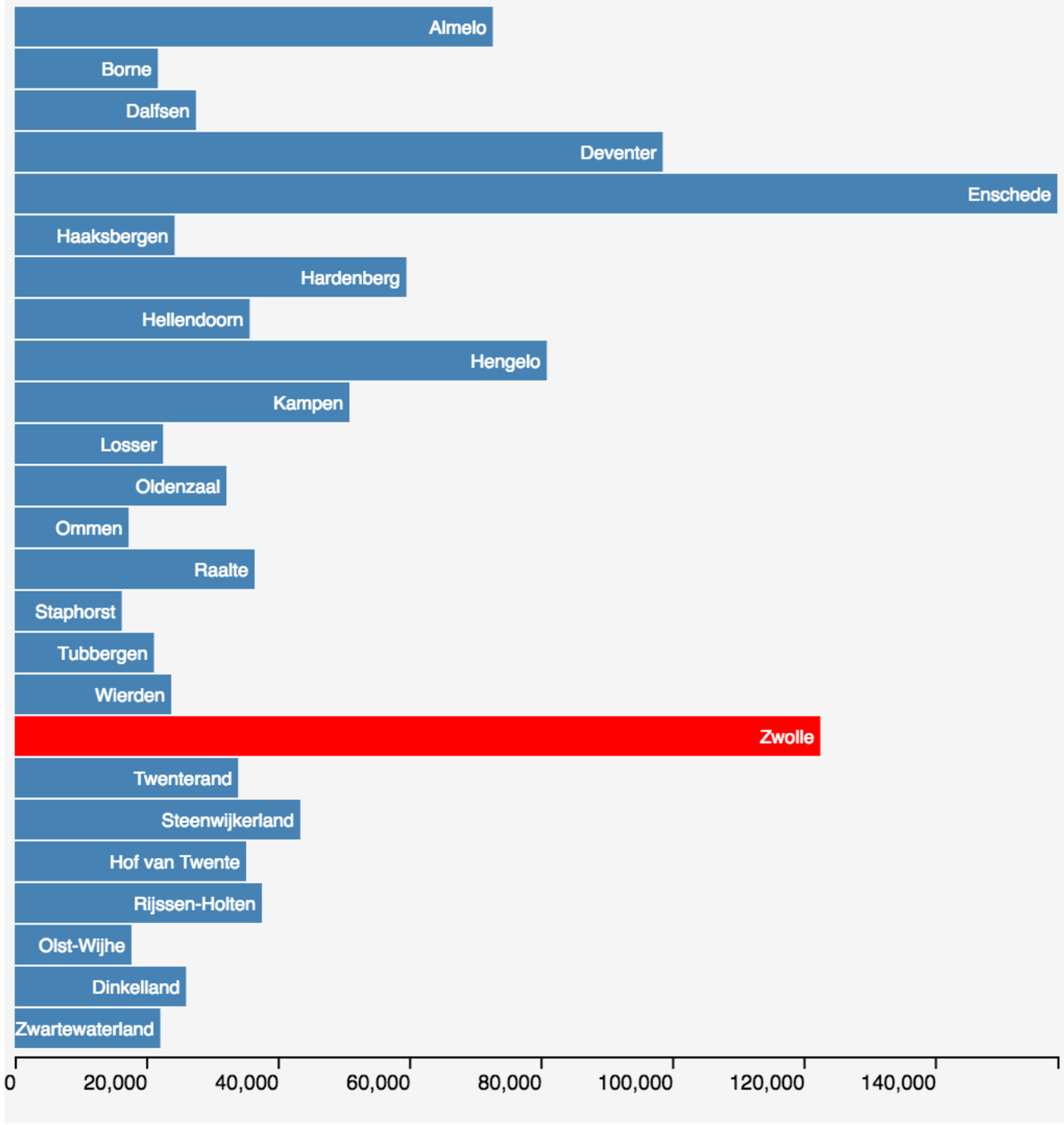
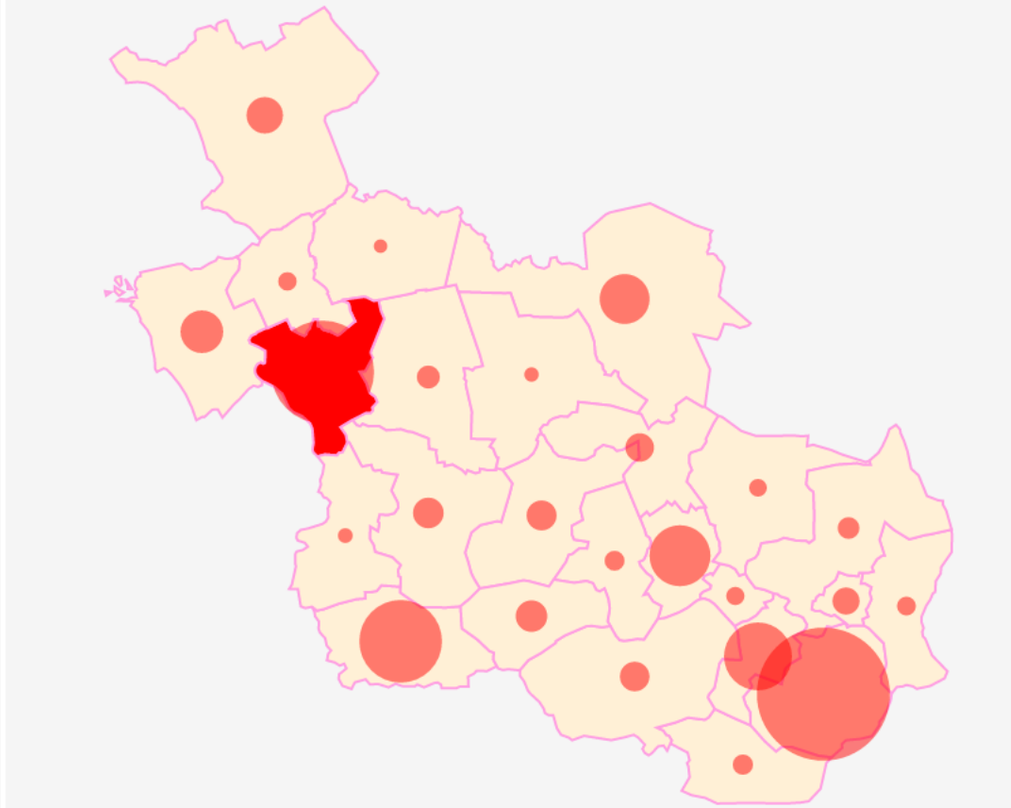
"show the story in the data"

the

cartographic intent

in simple ways...





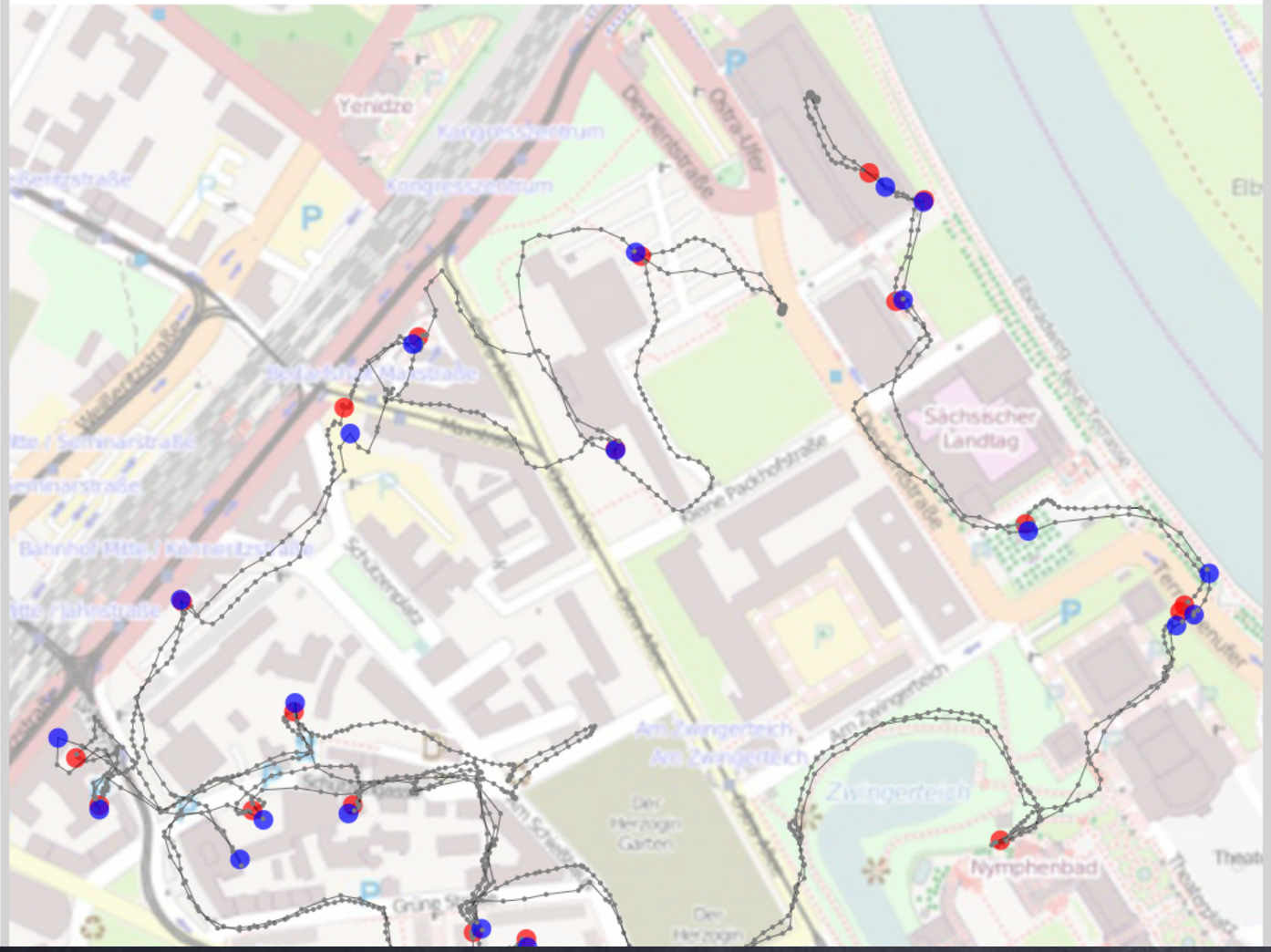
GM0193: Zwolle
122560 inhabitants.

kartoweb.itc.nl/D3tests/MapWithBarChartLinked.html

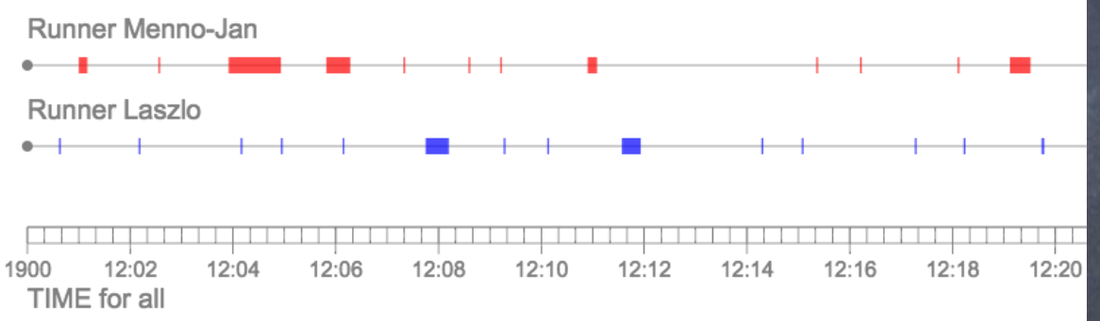
...or less simple ways

GEOGRAPHY (click & hold to separate)

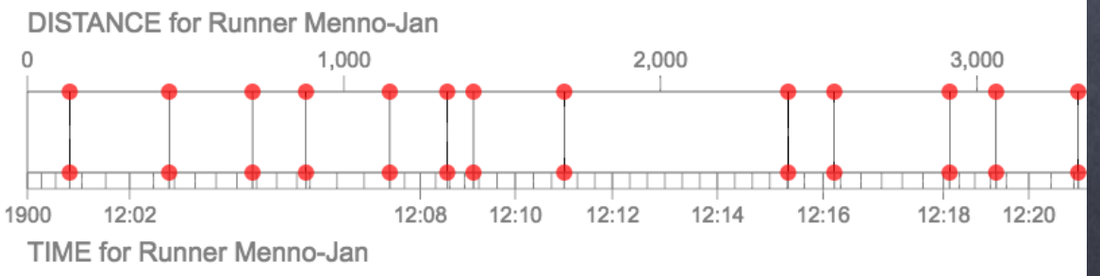
- Runner Menno-Jan
- Runner Laszlo



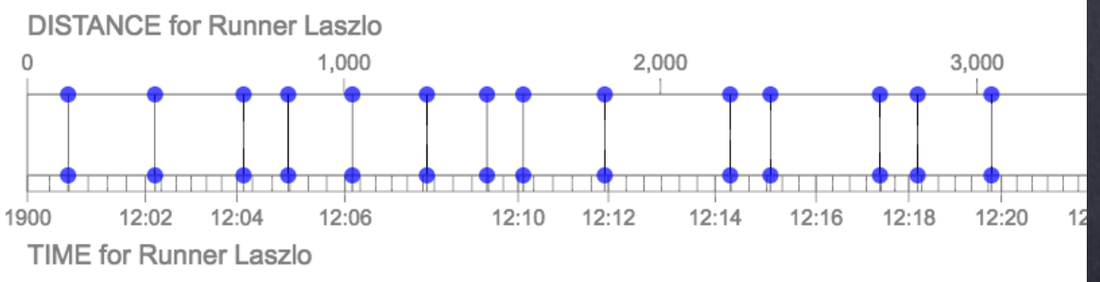
FROM TIME TO GEOGRAPHY



FROM GEOGRAPHY TO TIME for Runner Menno-Jan

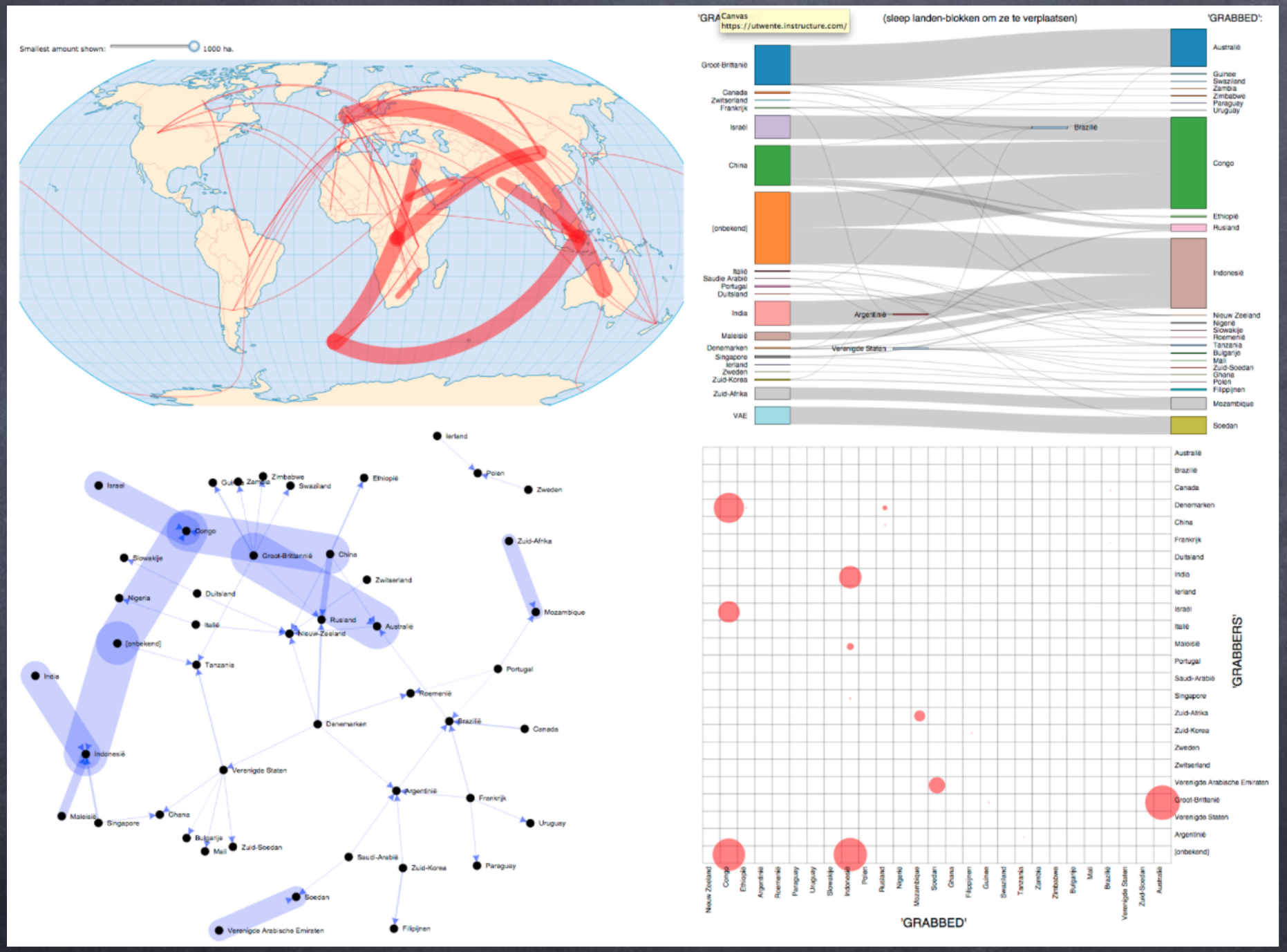


FROM GEOGRAPHY TO TIME for Runner Laszlo



kartoweb.itc.nl/D3tests/tracksViewer/orienteering.html

comparing spatial phenomena



kartoweb.itc.nl/D3tests/LandGrabbing/

comparing spatial phenomena

...is often the way people get “the story”

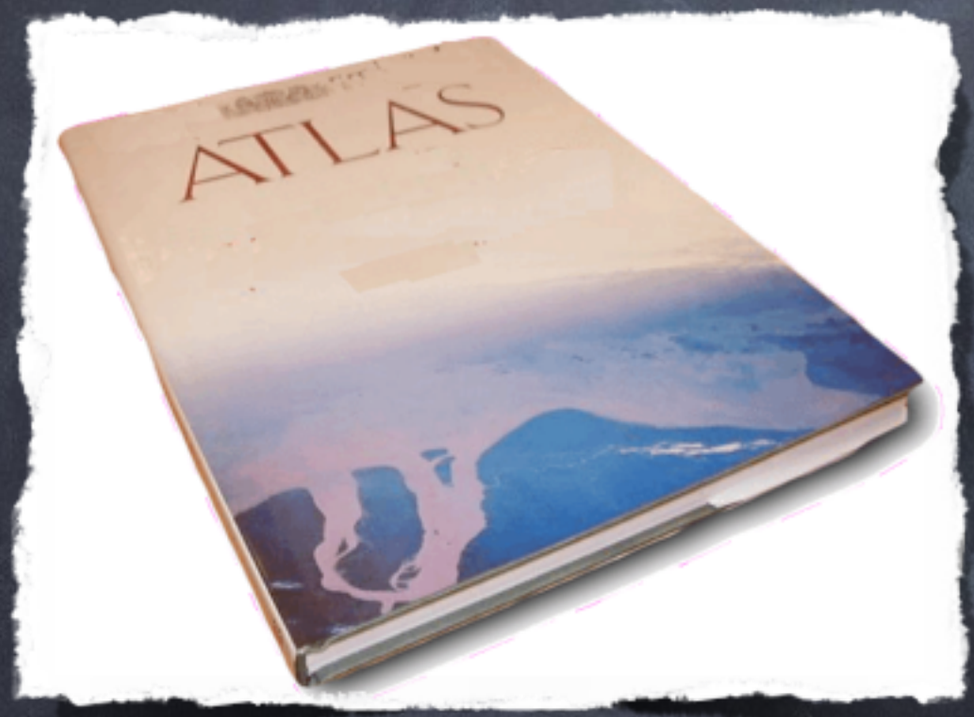
The new role of the cartographer

providing
(cartographic knowledge for)
tools that implement cartographic intent:

"code that thinks like a cartographer"

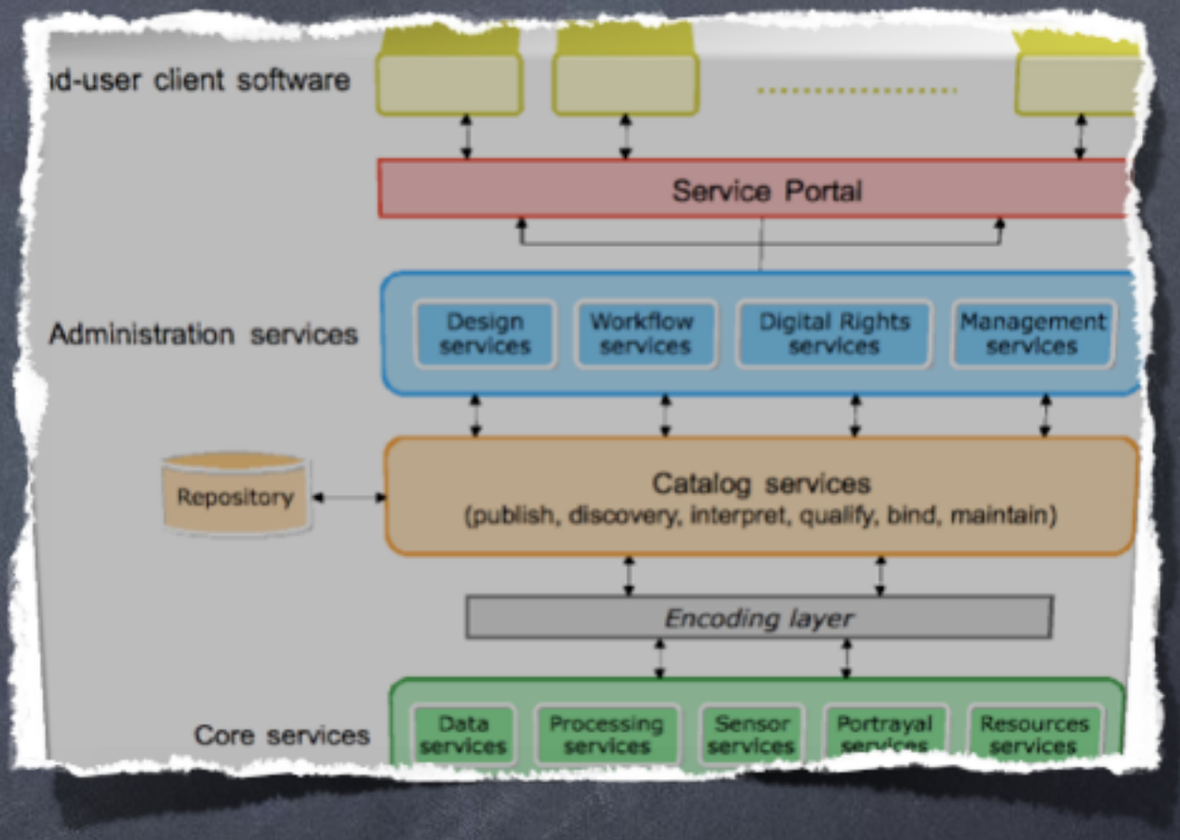
Maps as part of a Spatial Data Infrastructure

Maps as part of a Spatial Data Infrastructure



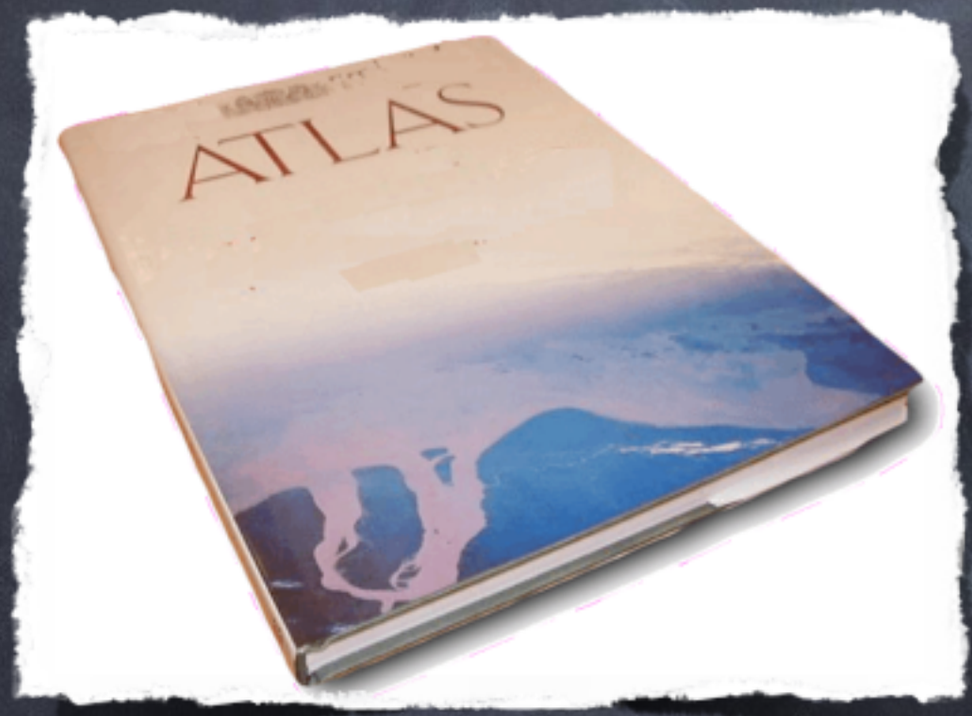
presents a synthesis
optimised for visualisation

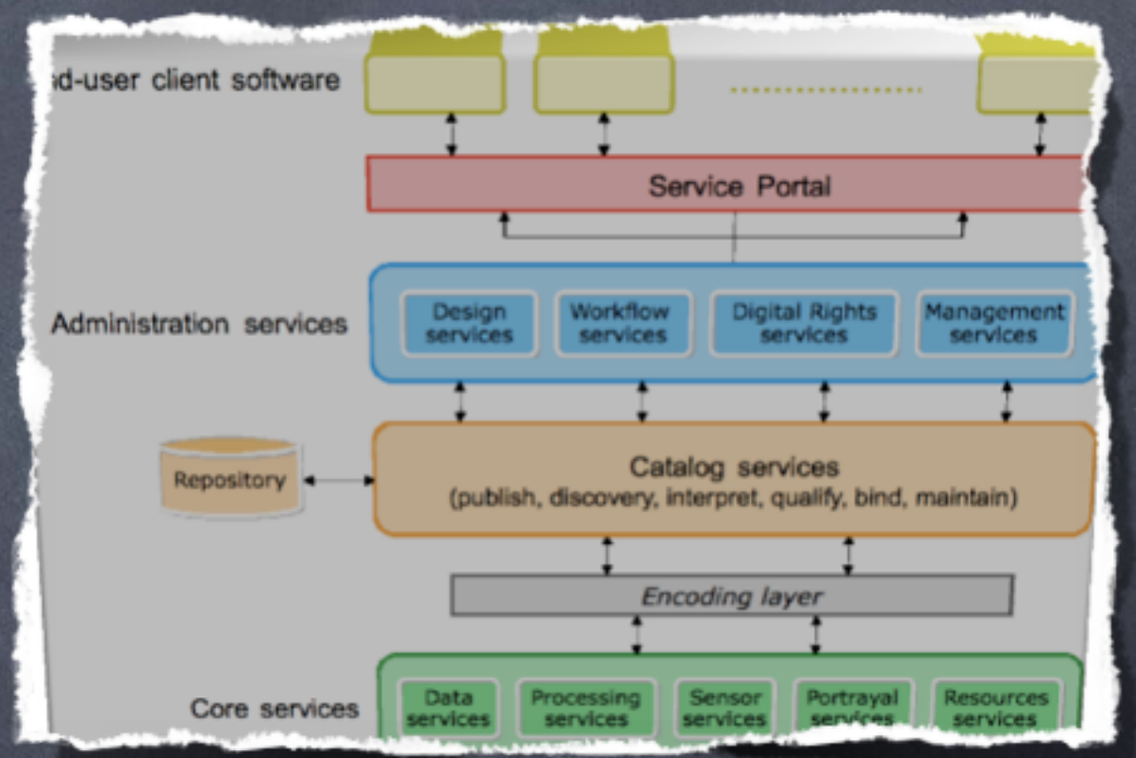
Maps as part of a Spatial Data Infrastructure



visualisation of separate data, not optimised for combinations (synergy)

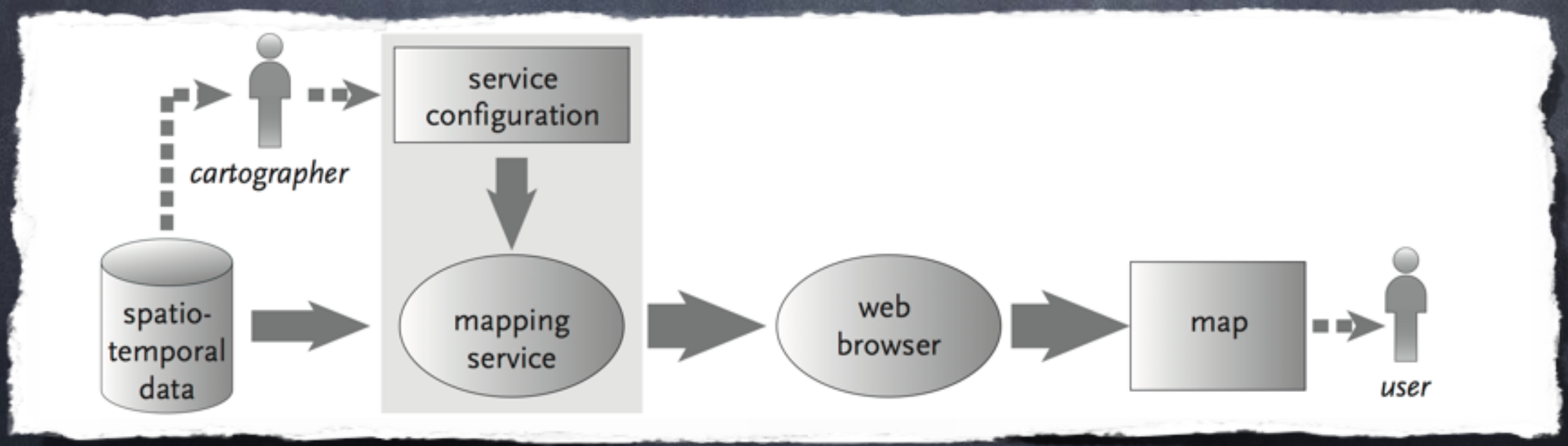
Maps as part of a Spatial Data Infrastructure



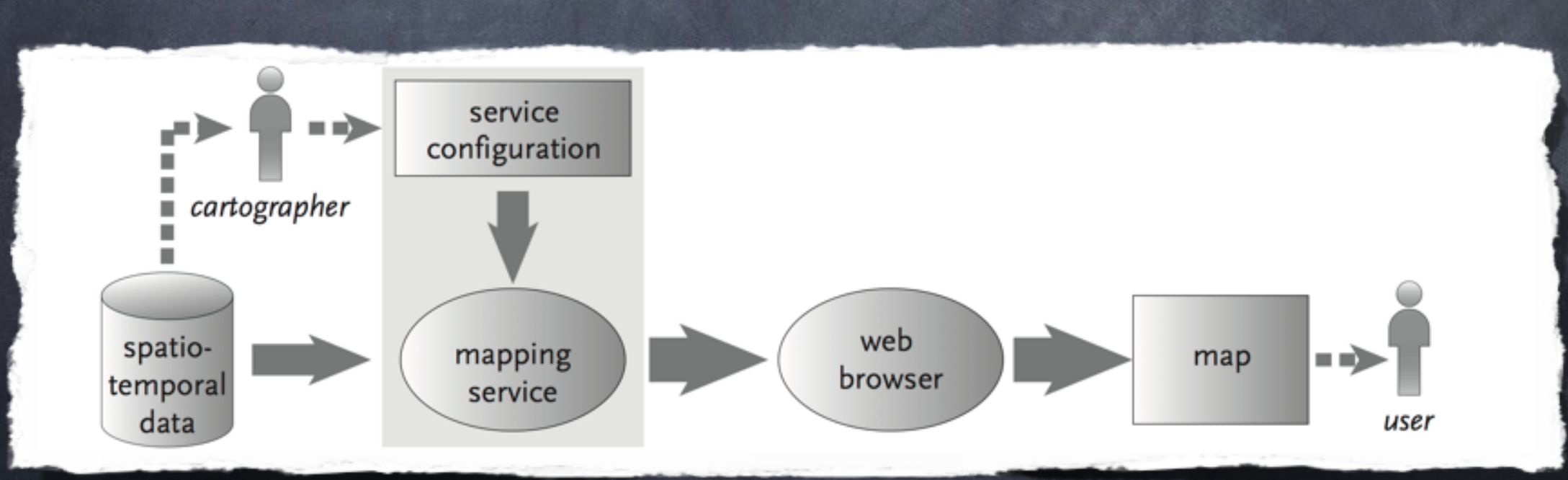


a combination of
two different worlds

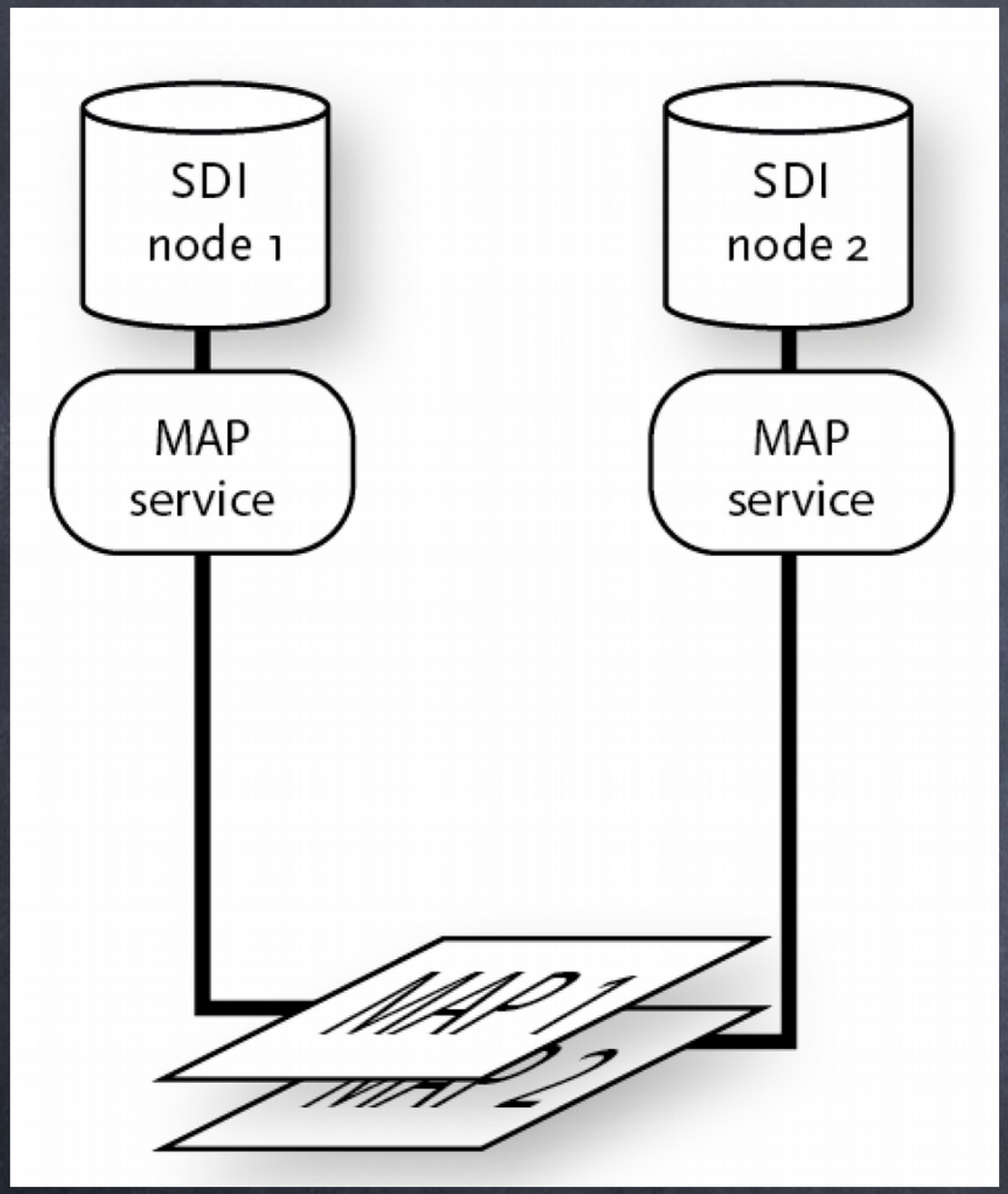
Mapping in a webservices environment



Mapping in a webservices environment as part of

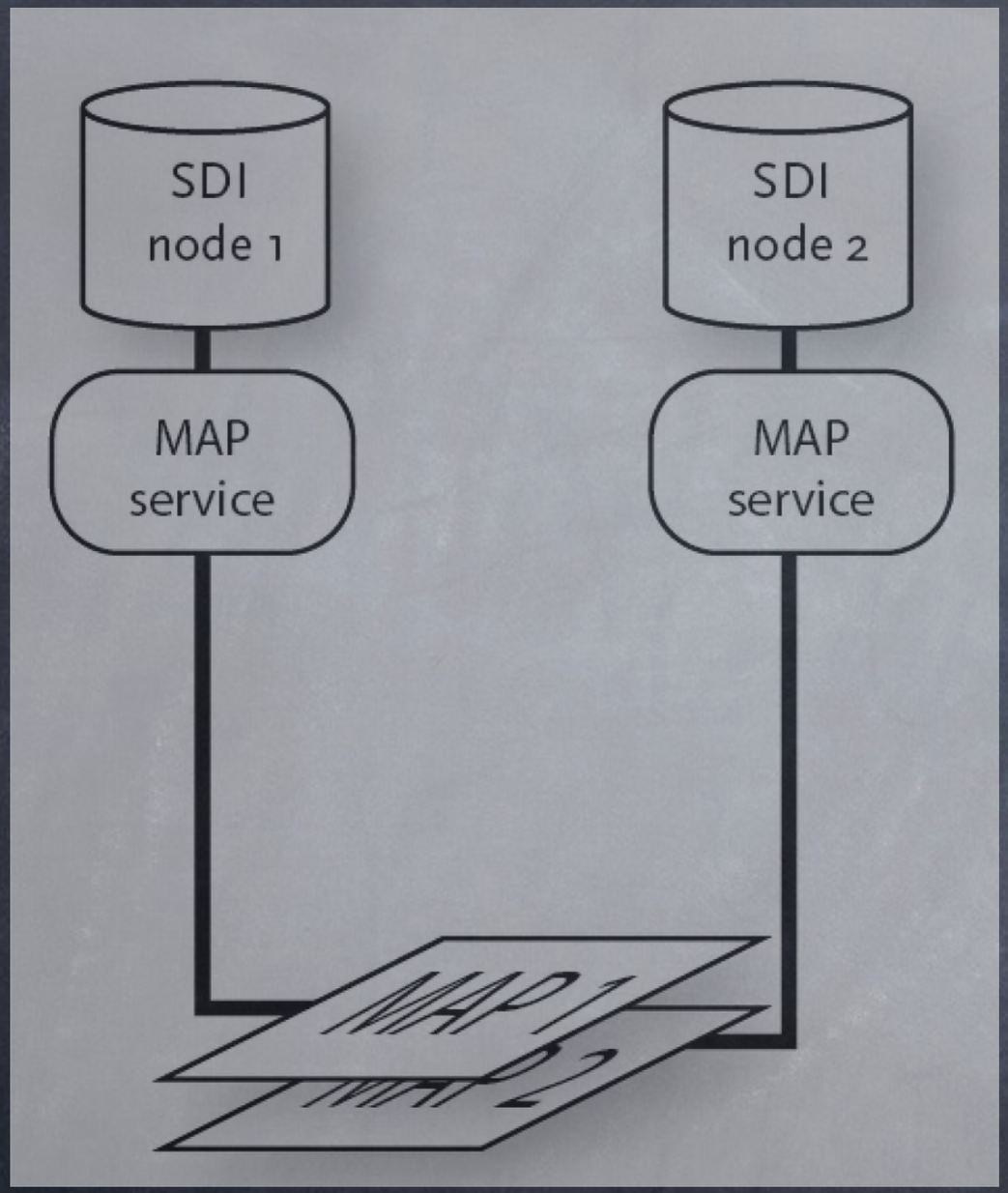


conceptual change needed

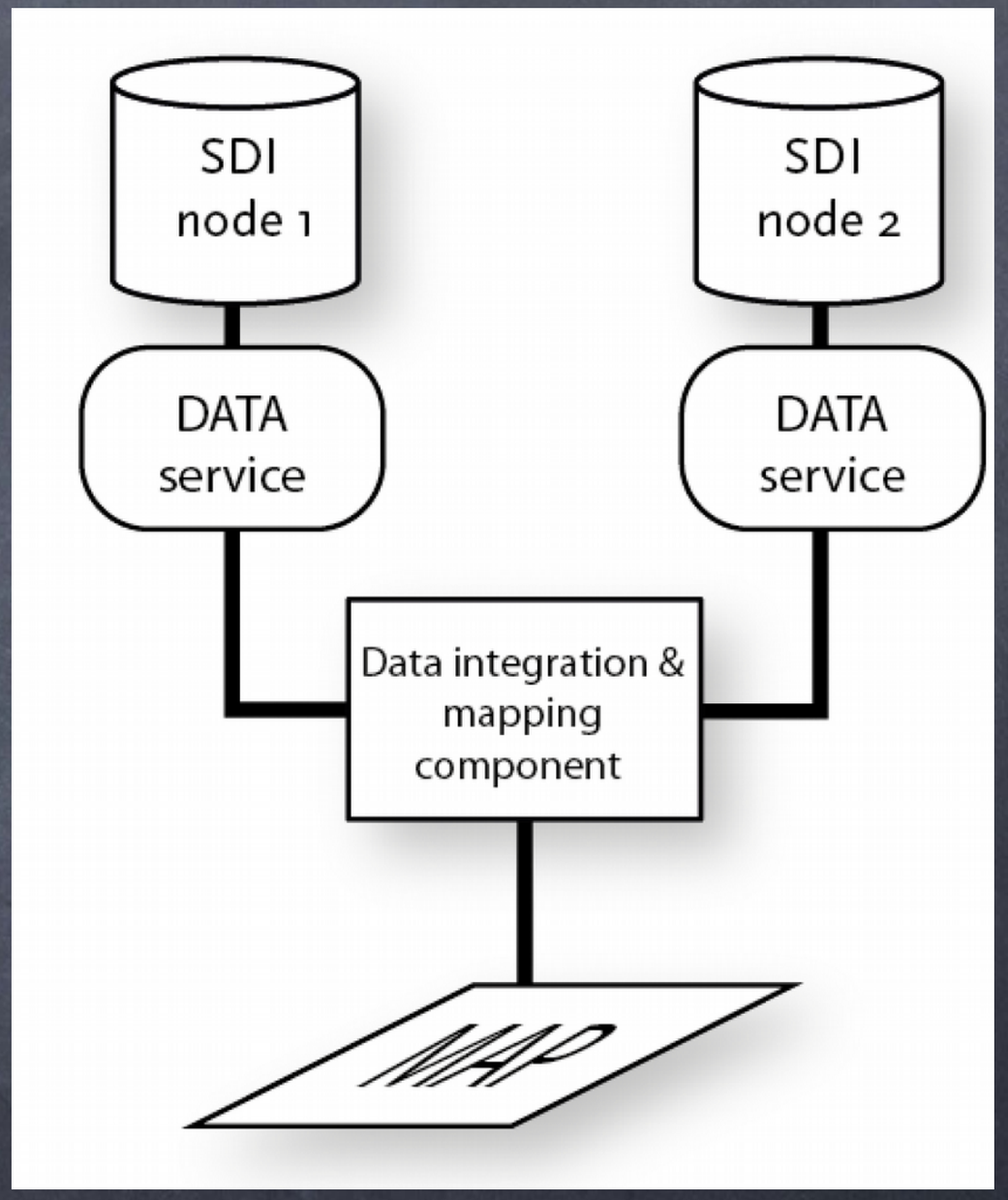


sub-optimal combination
of arbitrary map layers

conceptual change needed

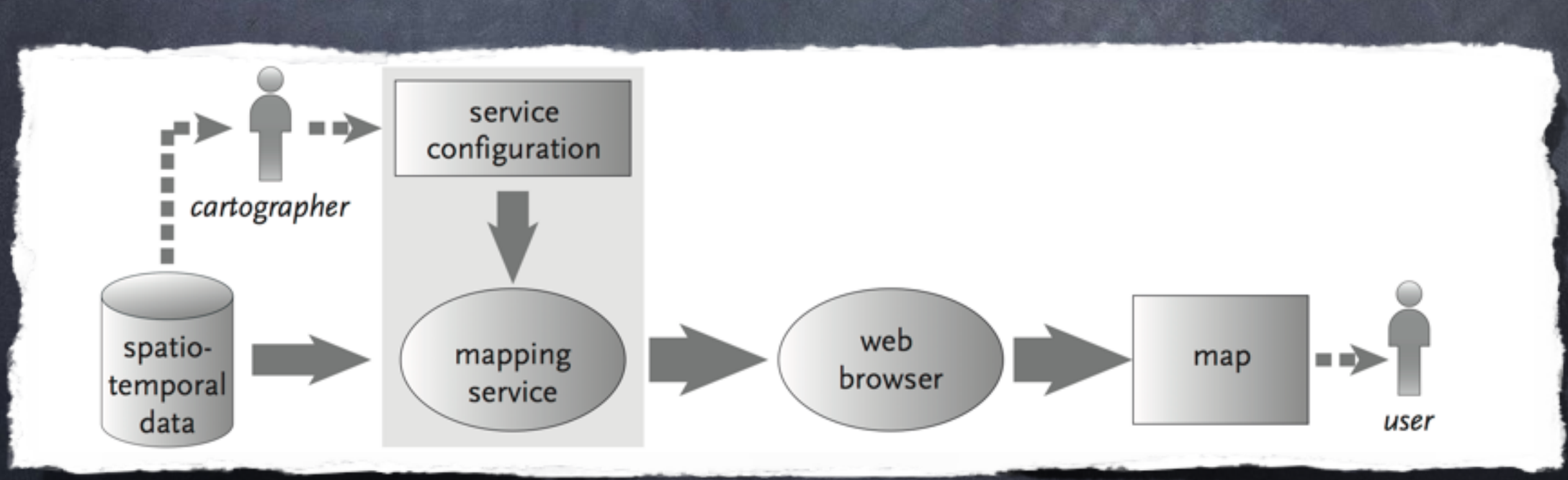


sub-optimal combination of arbitrary map layers

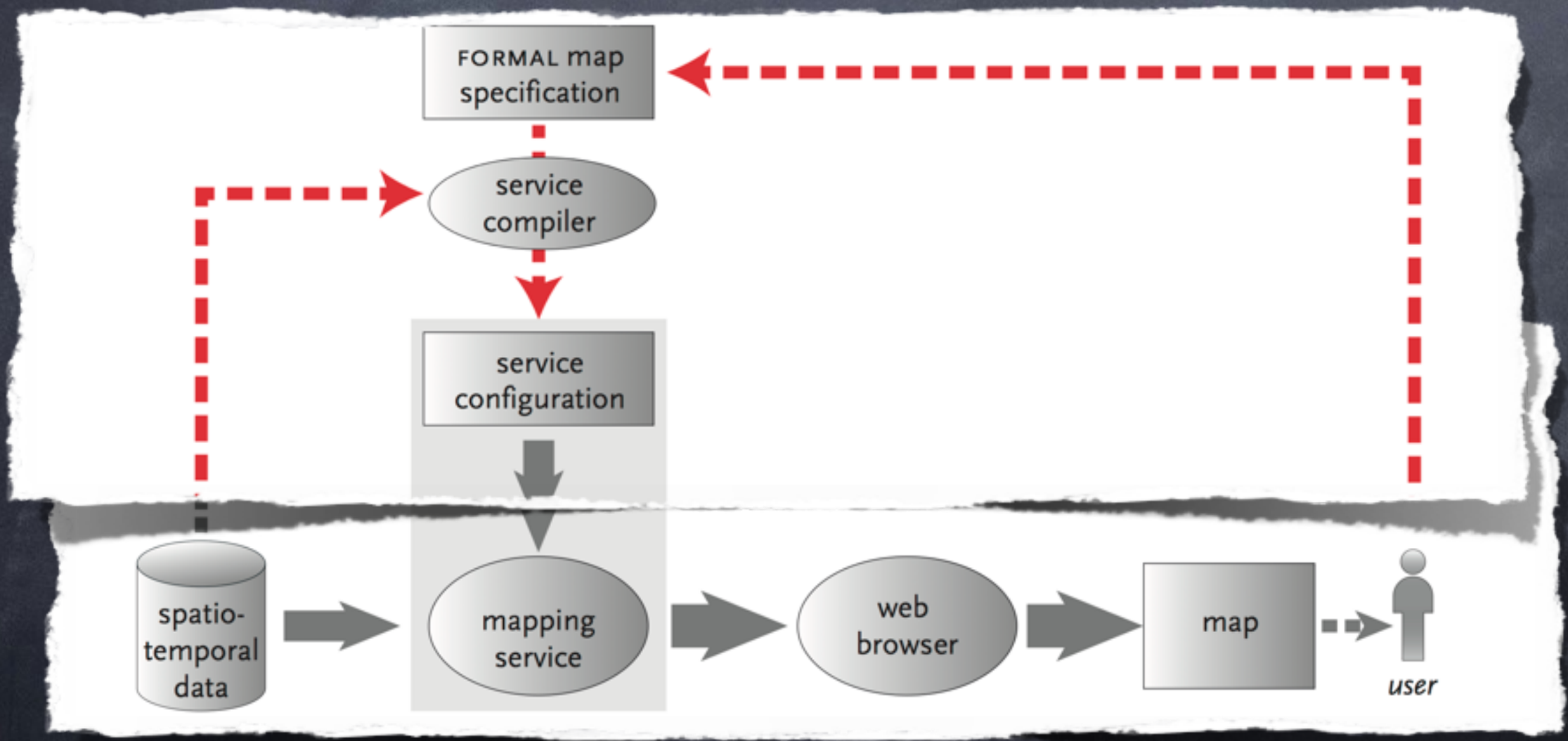


integrated mapping of data layers

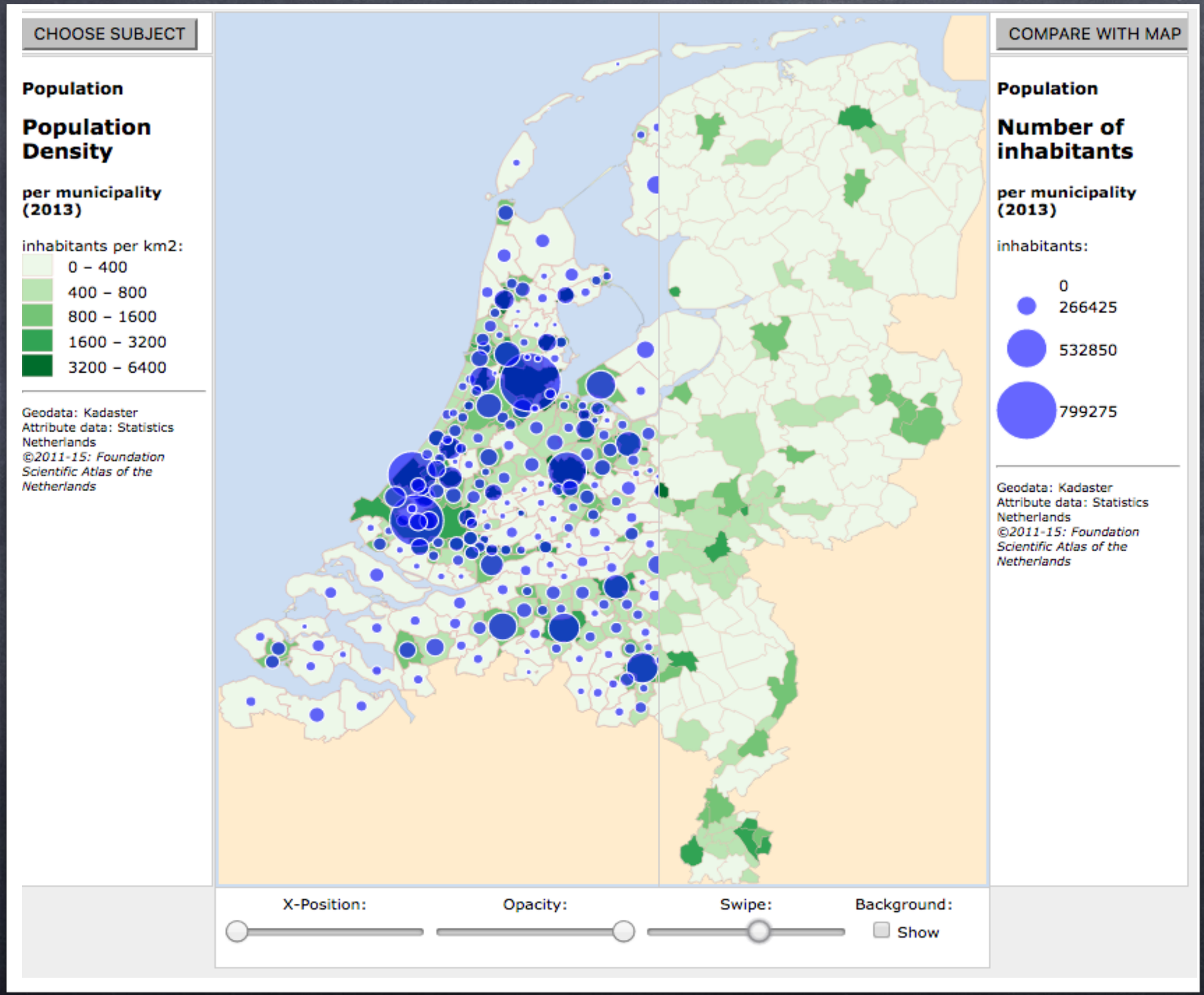
Mapping in a webservices environment as part of



Mapping in a webservices environment as part of



The Dutch National Atlas



www.nationaleatlas.nl

comparing spatial phenomena

in *theme*:

– same place and time – different variables

comparing spatial phenomena

in *theme*:

– same place and time – different variables

in *space*:

– same variable – different places

– *or* same variable – different aggregation

comparing spatial phenomena

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in *time*:

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comparing spatial phenomena

in *theme*:

– same place and time – different variables

in *space*:

– same variable – different places

– *or* same variable – different aggregation

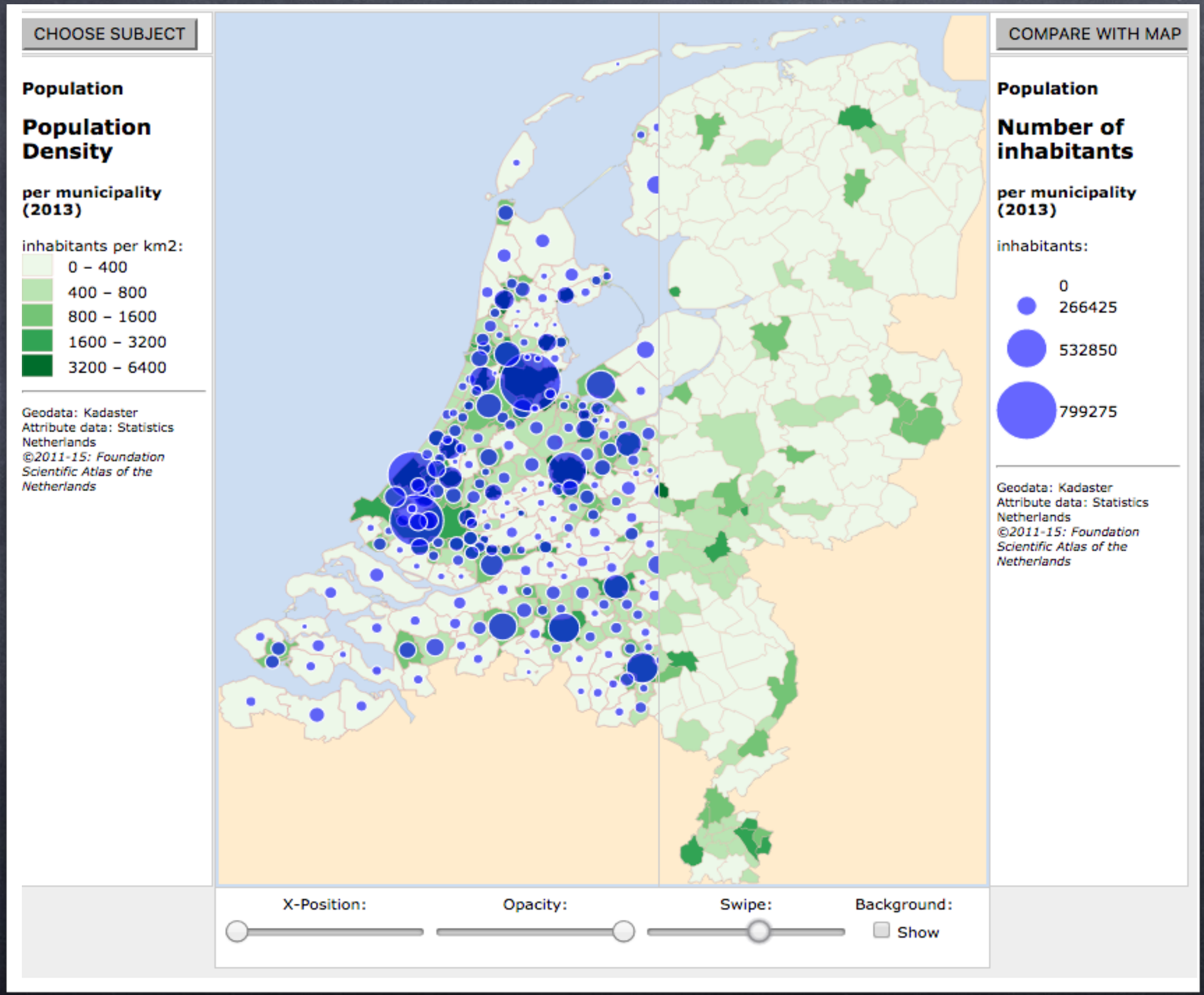
in *time*:

– same variable and place – different times

in *expression*:

– same place, time and variables – different visual expressions

The Dutch National Atlas



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Thank you for your attention...

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