

Integration of Geo-Spatial Web Services Using Adobe Flex

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and Marjolijn Kuyper

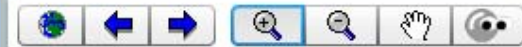


What is Flex?

Flex is a platform independent development environment for Rich Internet Applications (RIA's)

Advantages of using Flex

- Develop once, run almost everywhere
- Asynchronous communication with services
- Rich set of user interface controls
- Rich set of effects
- Run in a web-browser or on the desktop



Waiting for download to start...



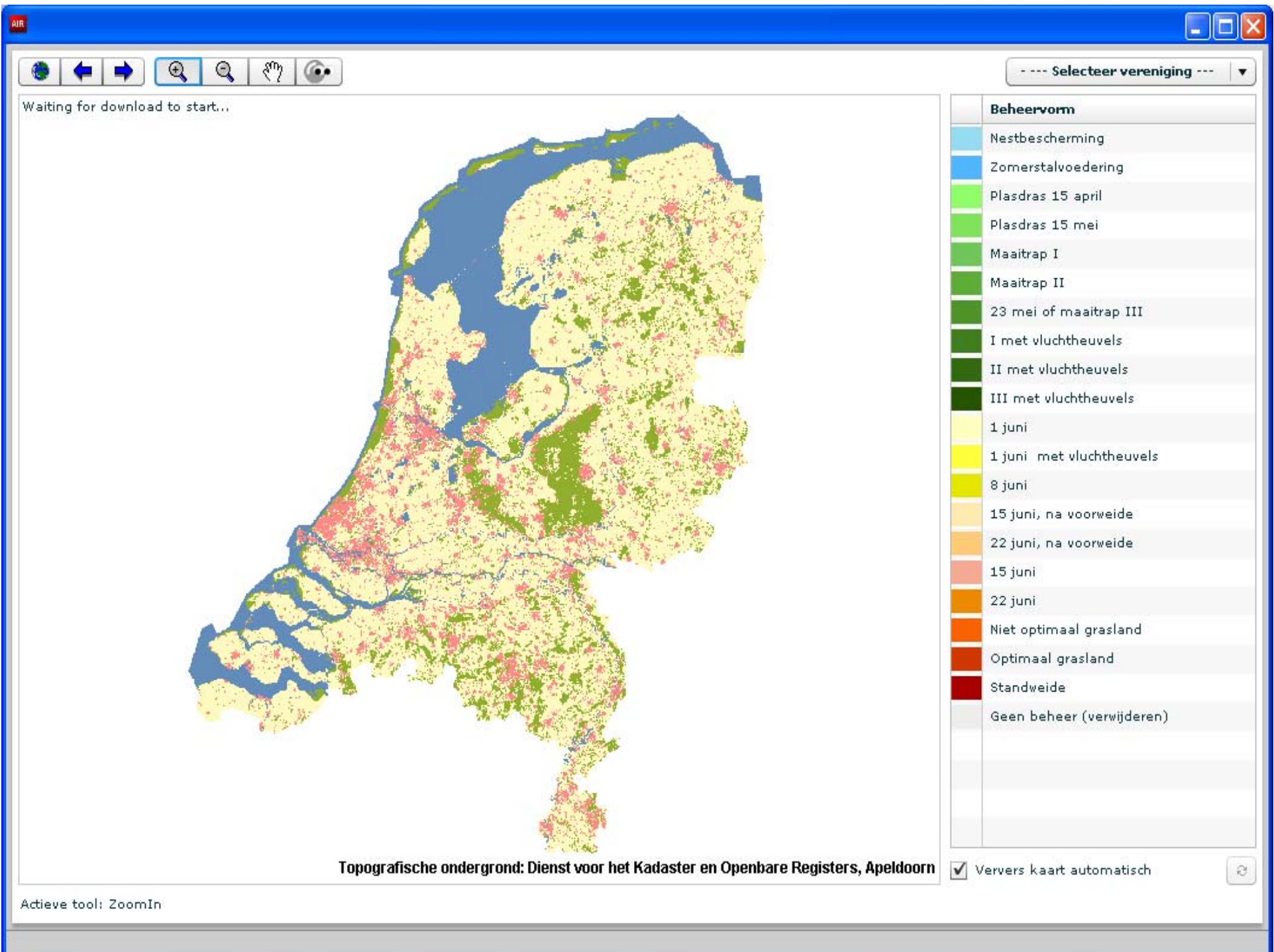
---- Selecteer vereniging ----

Beheervorm	
	Nestbescherming
	Zomerstalvoeding
	Plasdras 15 april
	Plasdras 15 mei
	Maastrap I
	Maastrap II
	23 mei of maastrap III
	I met vluchtheuvels
	II met vluchtheuvels
	III met vluchtheuvels
	1 juni
	1 juni met vluchtheuvels
	8 juni
	15 juni, na voorweide
	22 juni, na voorweide
	15 juni
	22 juni
	Niet optimaal grasland
	Optimaal grasland
	Standweide
	Geen beheer (verwijderen)

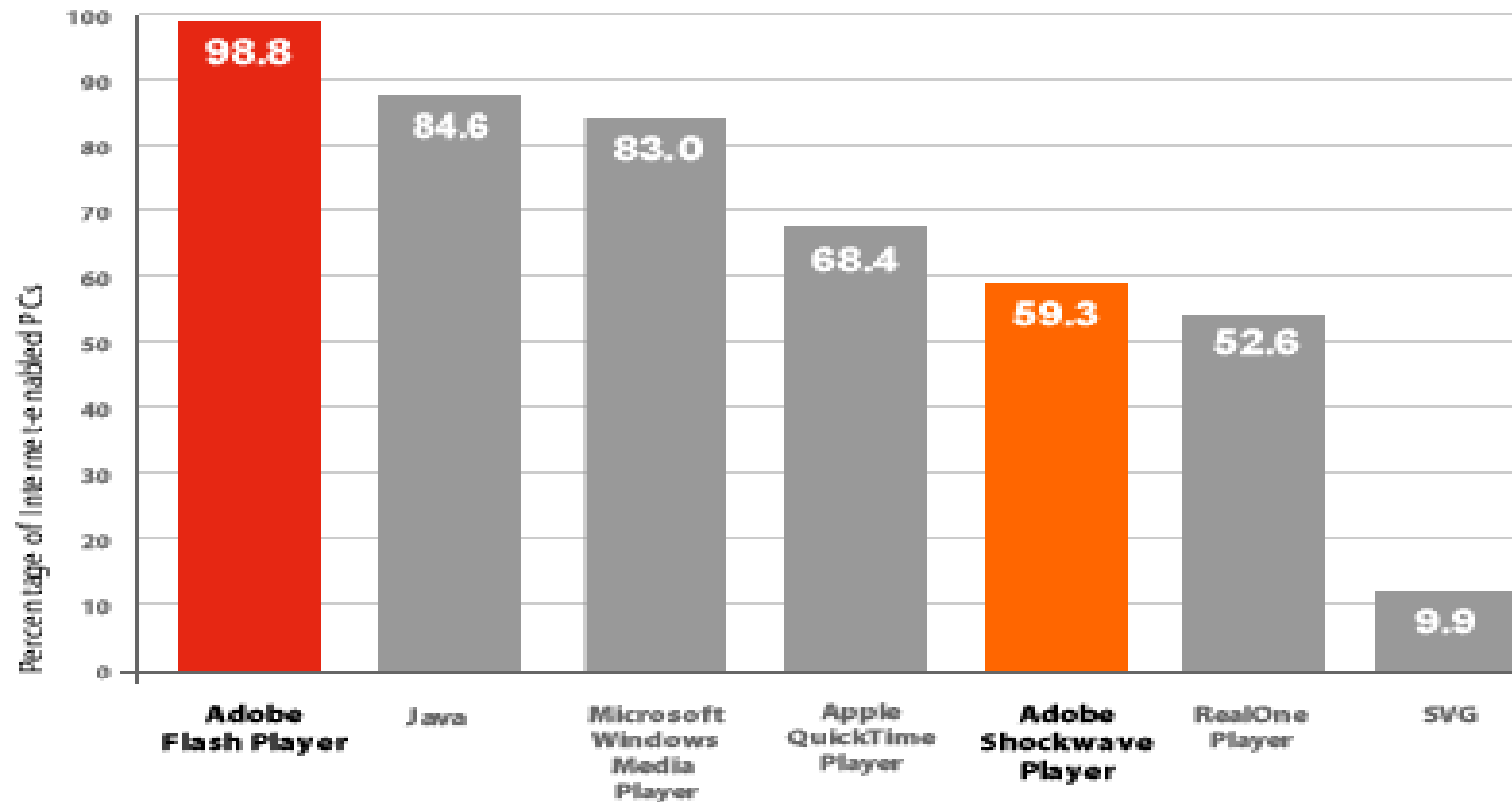
Topografische ondergrond: Dienst voor het Kadaster en Openbare Registers, Apeldoorn

Ververs kaart automatisch

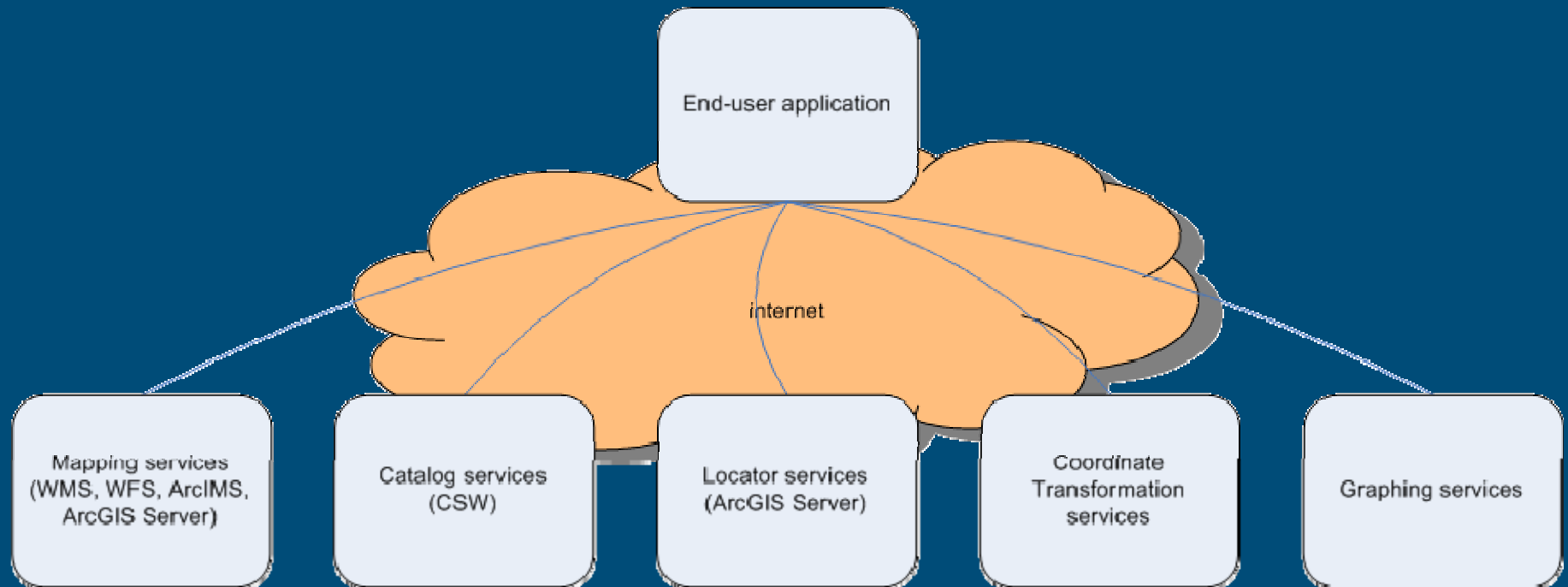
Actieve tool: ZoomIn



Client platform: Flash Player



Integration of geo-spatial web services



CWMI

Navigation

NL-B18D0189 NL-B22B0248
 NL-B28A0053 NL-B33B0008
 NL-B33B0008 DENW-7107 DENW-20280
 DENW-33088 NL-B33B0111 DENW-15087
 NL-B33B0111 DENW-80824 DENW-80829
 NL-B52H0153 NL-B52H0094
 DENW-132108 DENW-139094
 NL-B60C0066 NL-B57B0152
 DENW-182085 DENW-24182
 DENW-236196 DENW-233386

Help

Legend

- Groundwater Wells
- Boreholes
- Topography

Identify Plus

Coordinate Reference System

EPSG:4326 Change CRS

5.37, 49.703

Boreholes (28)

Feature no. 0 (20)

DINO_DBA.MAP_SDE_CWMI_BOREHOL

Lithology

Onbekend

1.3

2.4

5.5

9.3

10.3

13.9

15.3

Select language: Dutch



Geselecteerd: 2083 van de 72309
Zichtbaar in kaartvenster: 2083

Huidige criteria

Wat

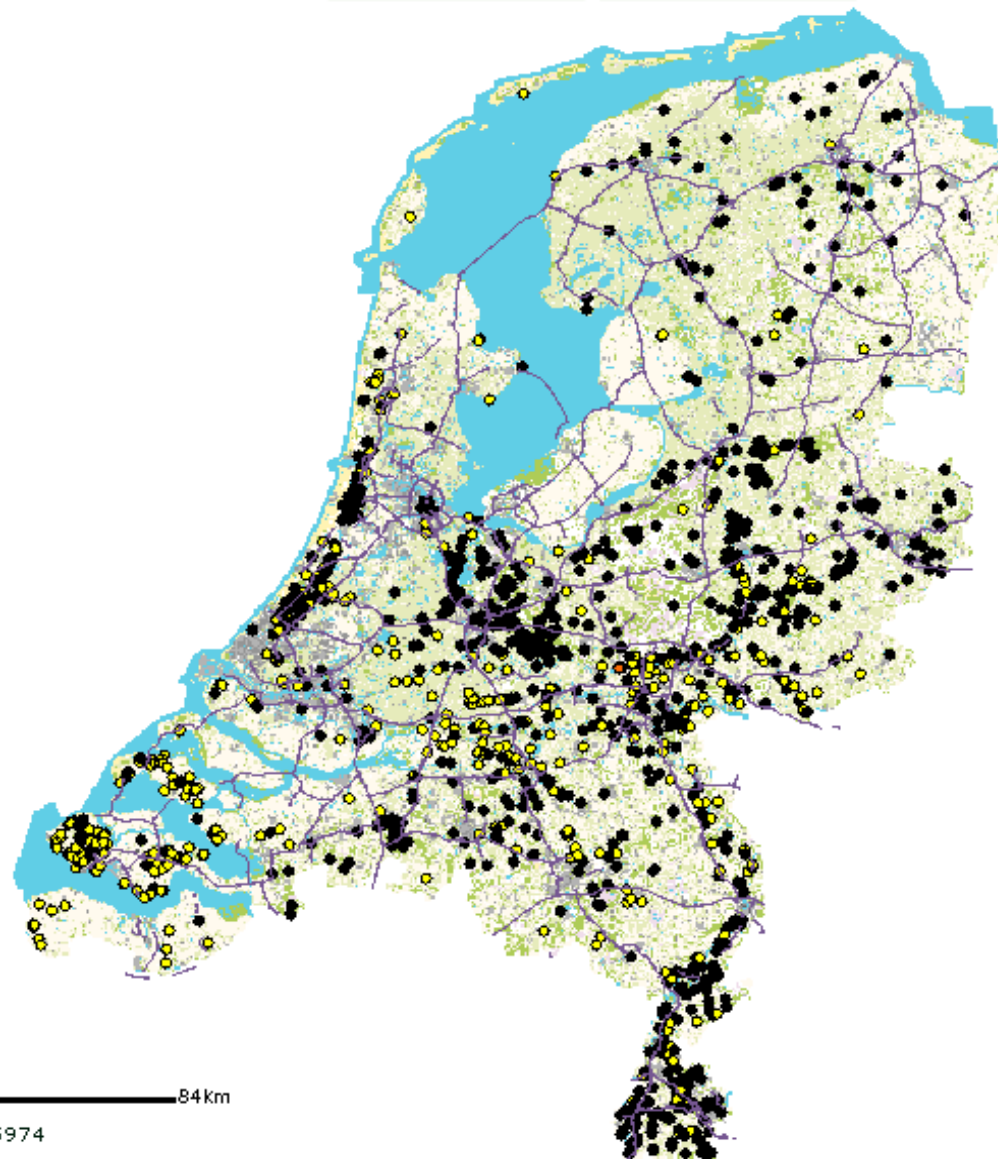
kasteel

Meer zoekopties

En ga in de kaart naar...

?

Zoek





Kaartondergrond

Ter orientatie

Geselecteerd: 2083 van de 72309
Zichtbaar in kaartvenster: 20

Huidige criteria

Wat

kasteel

Meer zoekopties

En ga in de kaart naar...

?

Zoek



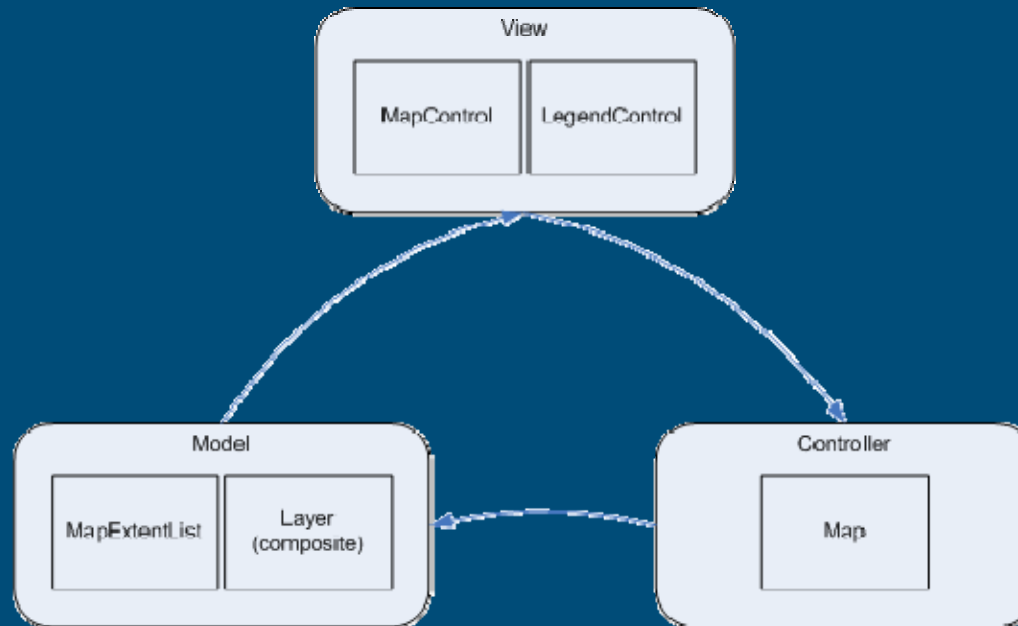
0 0.8km

202552 - 457520

Dependant on underlying services

- Functionality
- Performance
- Bugs

Model View Controller



Extension of the framework

- Modify look and feel
- Add support for other data formats (e. g. your own custom format)
- Add new tools
- Add new visual controls
- Build your own custom application

The screenshot displays the Topoxplorer web application interface. The main map area shows a historical topographic map of a city, likely Apeldoorn, with a circular inset providing a zoomed-in view of a specific area labeled 'Noordereiland'. The interface includes several control panels on the left side:

- Overview map:** A small map of the Netherlands with a red cross indicating the current location.
- Navigation:** Includes icons for home, search, zoom in, zoom out, and pan.
- Postal code (e.g. 6708 PB):** A text input field with a 'Go' button.
- See-through lens:** A control for a semi-transparent lens, with a 'Lens size' slider.
- Layers:** Two time-based layer controls:
 - Bonne:** A slider between 1865 and 1949.
 - Top 10:** A slider between 2003 and 2006.

The map itself is a detailed historical map showing buildings, streets, and water bodies. Labels on the map include 'DELFSTRAAT', 'Maus haven', 'Katenrecht', and 'Hilleshuis'. A circular inset map shows a zoomed-in view of a specific area with labels like 'Museum', 'De Maas', 'Noordereiland', 'Koning', 'Ridderhof 20', and 'Caaslabug'.

Thank you

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