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Visstedet.kms.dk



Presentation of Vis Stedet

- What is Vis Stedet
- Concepts
- Live demo
- Licenses

NB: Vis Stedet translates to "Show me where"

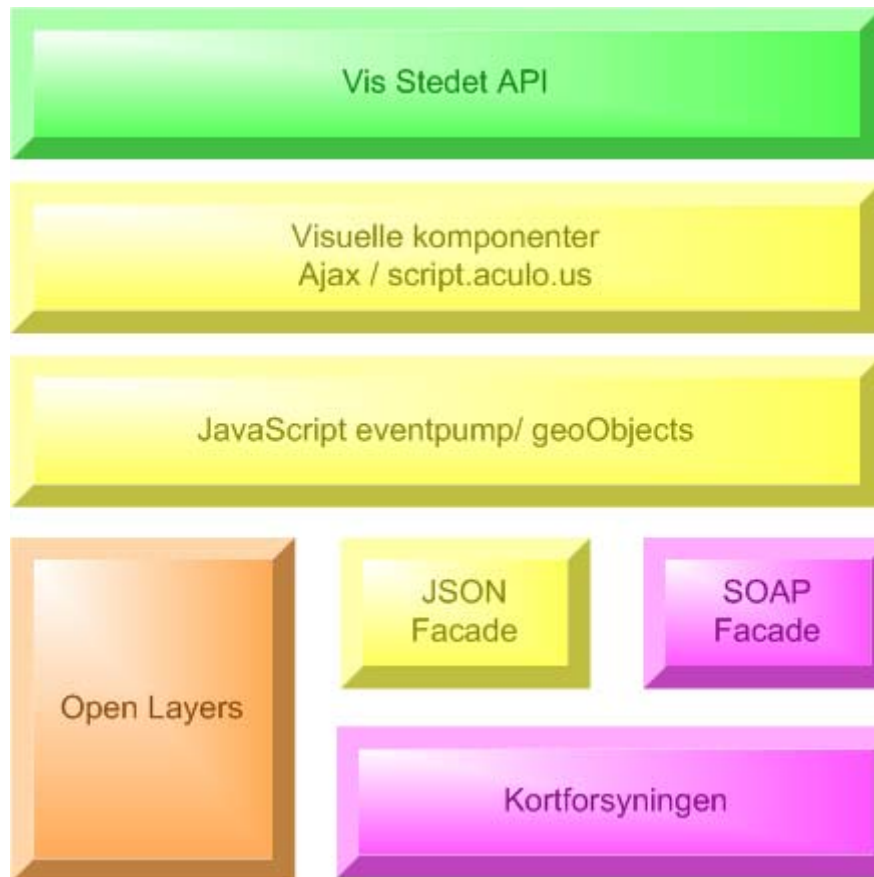


What is Vis Stedet?

A Crossplatform compatible API composed of components for searching and presenting geodata.

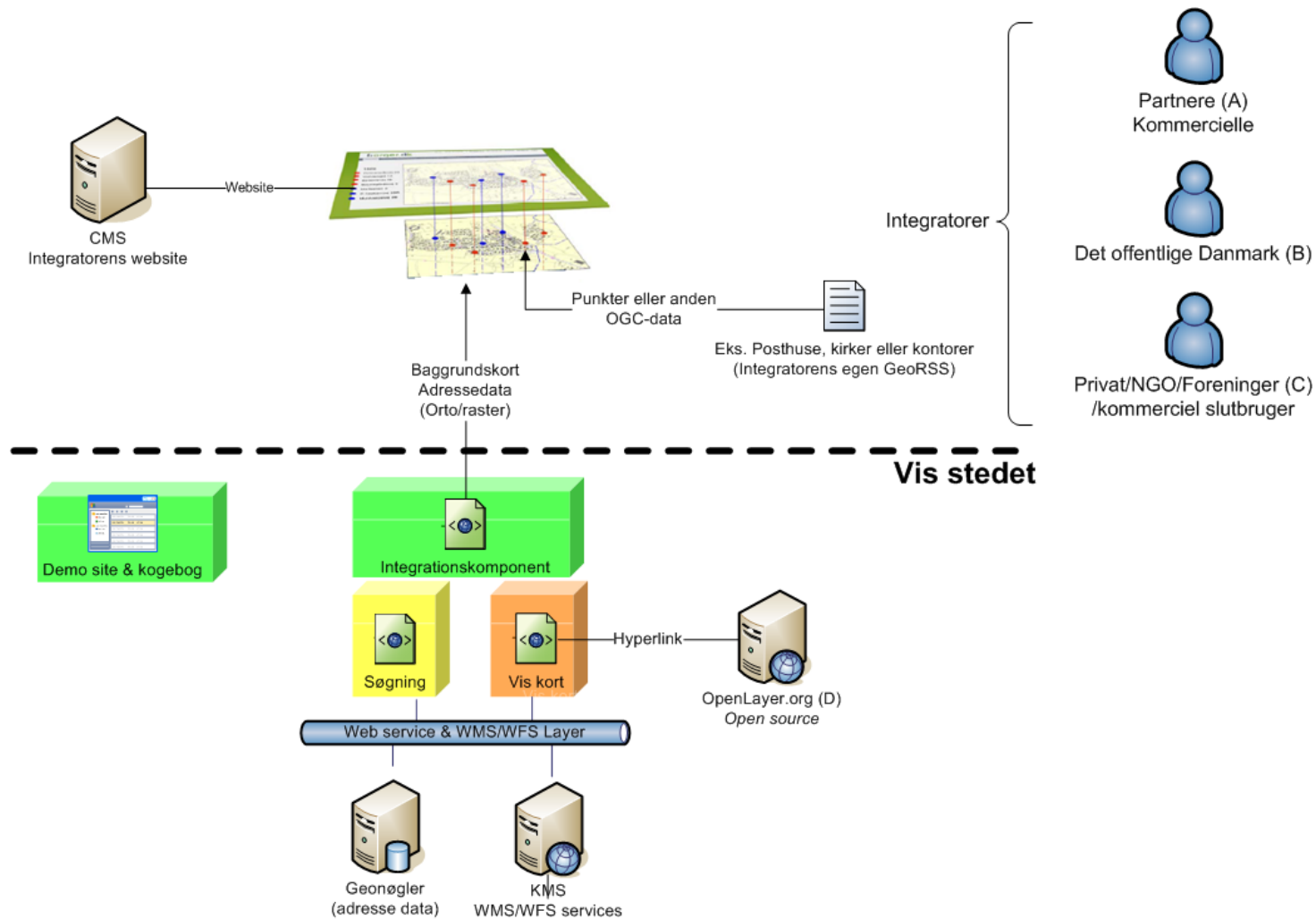
- An open toolbox of HTML/JS fragments.
- Visualization of map & data made simple.
- Access to webservices (Address, place, cadastre)
- AJAX
- Easy integration, but without sacrificing advanced usage.

Vis Stedet architecture



- Homogeneous paradigme (Layers)
- Accessibility (Finished HTML)
- Reuseability (Open Source)
- Clean abstractionlayers
- Open architecture

Overview of Vis Stedet





Why use Vis Stedet?

- KMS delivers both API and abundant data.
- Mix with custom data using GeoRSS/KML.
- Extensible with custom webservices.
- Anybody with javascript can run Vis Stedet.
- All components are Open Source.
- Producing pages with Vis Stedet is quite simple.



What is in the box?

- Kort10, Aerial photos, Screenmap & CadastralMap
- Adress webservices.
- API which can freely be expanded.
- Website with reference documentation.
- Simple visual guider.
- Sample scenarios.
- Finished easy to use JS/HTML fragments.




Vis Stedet API

*API's is not an application nor is it a website.
It is a toolbox which programmers can
use build customized programs or pages.*

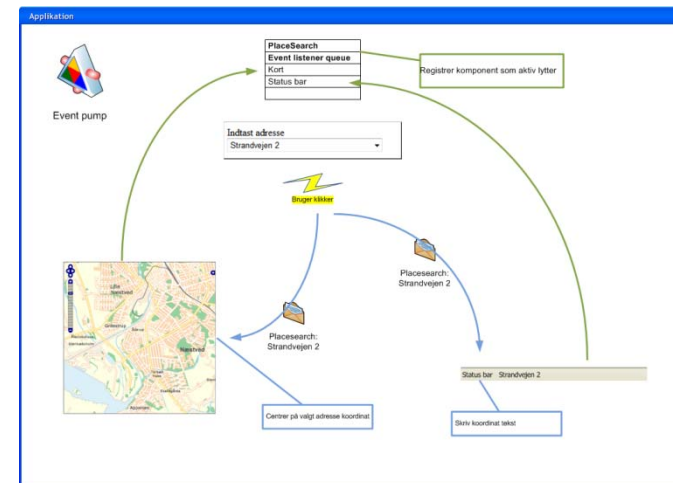
Quality is measured by:

- Homogeneous interfaces and clear guides.
- The number of functions fits the need.
- The API's must not be
- Errorfree and easy execution.
- Open for customization.

Component	HTML fragment	Object funktions
Initialization (not visual)	<pre><script> function VisStedetInit(){ startbetingelser..... } </script></pre>	Choose various init parameters
<p>Indtast stednavn</p> <input type="text" value="Horbæk sø"/>	<pre><input type="text" id="placesearch"/> <div id="placesearch_indicator" arbejder...</div> <div id="placesearch_choices" class="defaultAutocompleteLook"></div></pre>	<ul style="list-style-type: none"> • Edit field • Indicator • Results • AJAX • Max. Results
<p>Indtast adresse</p> <input type="text" value="Strandvejen 2"/>	Same as above	Same as above
	<pre><div id="map" style="width: 600px; height: 600px; </div></pre>	<ul style="list-style-type: none"> • Center • Valgbare lag • Zoom • Pan • Vælg område • Import lag

Eventpump & geoObjects

- All components intercommunicates using geoObjects
- All components transmits geoEvents.
- Common least denominator (Position, display text)
- Custom components can listen and transmit as well.



Data format

```
<title>Salamander Feed</title>
<link href="http://salamander.dk/" />
<updated>2008-31-03T14:30:02Z</updated>
<author>
<name>Forfatter</name>
</author>
<entry>
  <title>Salamandre i Næstved å</title>
  <link href="http://salamander.dk/forekomst/9877" />
  <id>urn:uuid:1225c695-cfb8-4ebb-aaaa-80da344efa6a</id>
  <updated>2008-31-03T18:30:02Z</updated>
  <summary>Salamander forekomster observeret langt uden for deres naturlige miljø</summary>
  <content>Her kan være en længere artikel-tekst til brug i andre feed-readers</content>
  <georss:where>
  <gml:Polygon srsName="EPSG:25832">
  <gml:outerBoundaryIs>
  <gml:LinearRing>
  <gml:coordinates>725585,6169016 726585,6169016 725585,6168016 725585,6169016</gml:coordinates>
  </gml:LinearRing>
  </gml:outerBoundaryIs>
  </gml:Polygon>
  <gml:Point srsName="EPSG:25832">
  <gml:pos>725585.188 6169016.502</gml:pos>
  </gml:Point>
  </georss:where>
</entry>
```

Home - Windows Internet Explorer

http://salamander.uni.dk

Live Search

Home

Organization

Demo Vis Stedet


Forekomst af salamander i danmark

- Hjem
- Om os
- Kontakt os
- Ydelser
- Information
- Links

Nedenfor vises forekomster af salamander i danmark.

The standard Lorem Ipsum passage, used since the 1500s

"Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."



Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum



What do they want

We have an older database of salamander observations in denmark. Each observation is geotagged. We want to be able to show a coloured overlay of observations.

Hence this is proposed:


- A map window
- An extract of metadata from the database
- A placename navigator dropdown
- A KML layer of observations

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Organization **Demo Vis Stedet**
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Indtast stednavn
Næstved Å

Der er fundet 6 eksemplarer i 2007
Der er fundet 3 eksemplarer i 2006
Ingen observationer i 2005 eller før

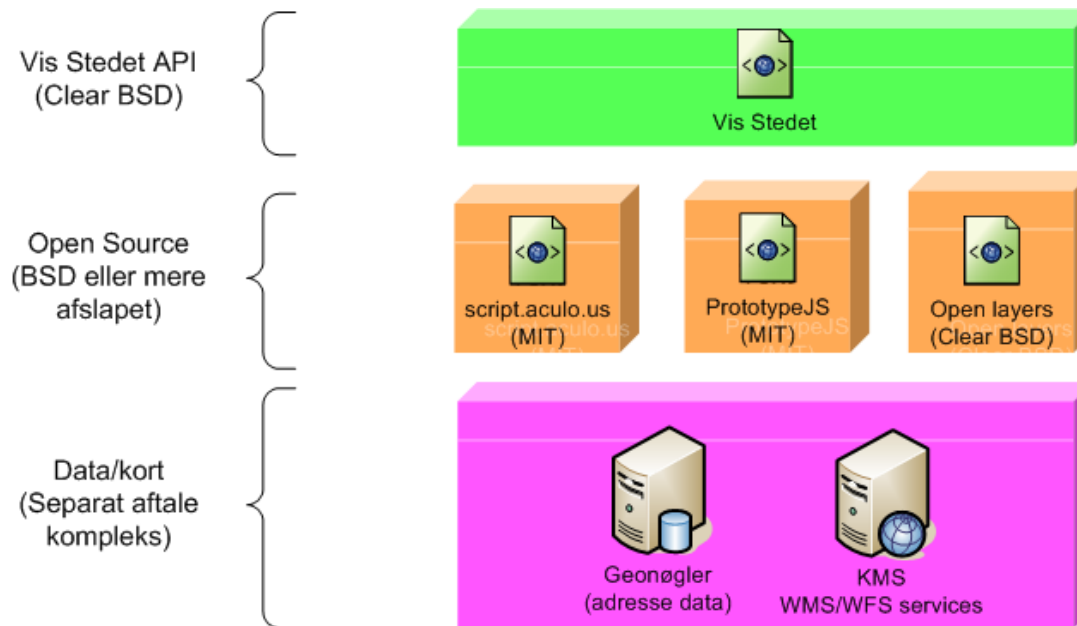


Online Demo

[Vis Stedet](#)

Licenser

- IT & Telestyrelsens has evaluated BSD
- BSD as a model for Vis Stedet
- No patents nor obstruction for future patents.





Links

Visstedet.kms.dk

OpenLayers.org

Ordnance Survey has released Open Space
[Link](#)

Google Maps
[Link](#)