

Spatial is not Special

Simplifying geo through Services

Spatial is not (*always*) Special

The same rules apply

Keep it simple

Focus on the requirements

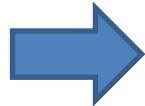
Don't reinvent the wheel

Insurers worry a lot



In the beginning there was the
postcode

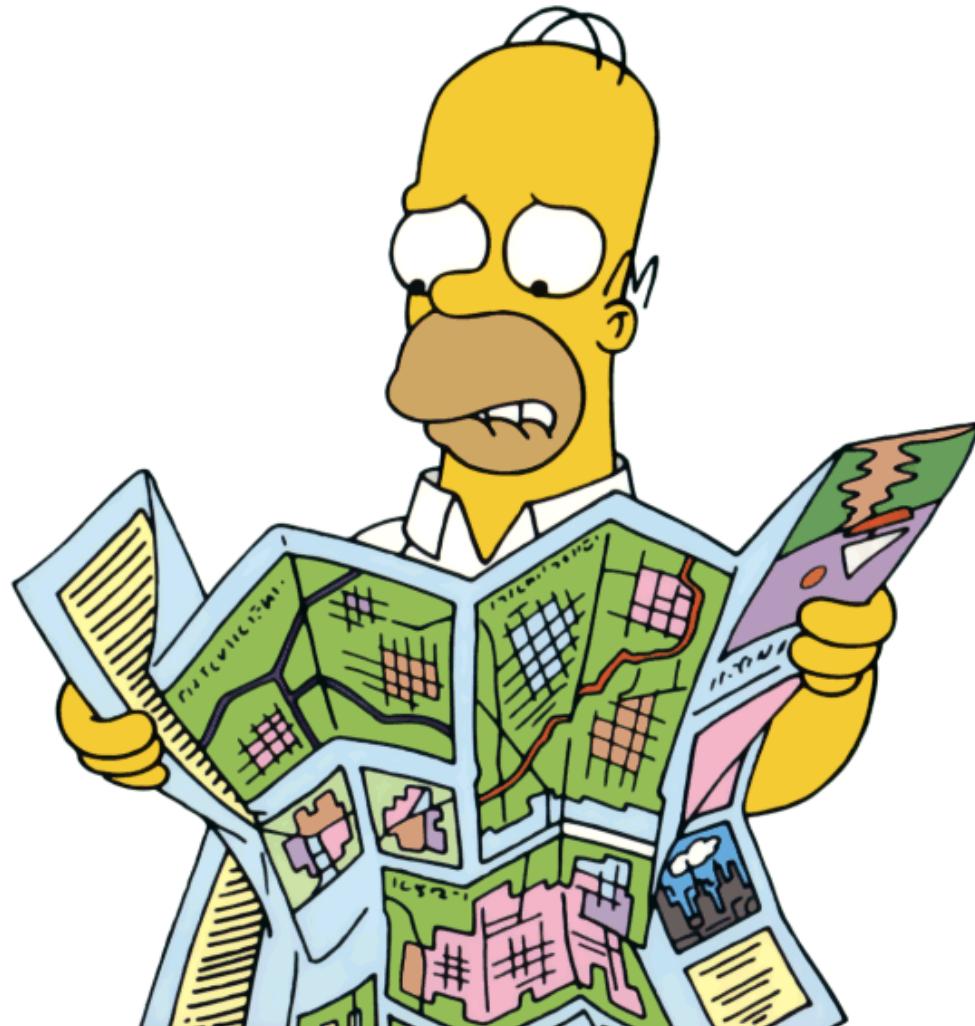
In the beginning there was the postcode (unless you're in IE)



POSTCODE	FLOOD	SUBSIDENCE	ARSON	CRIME
AB51 5NR	N/A	N/A	N/A	Low
AB51 5NR	Medium	N/A	High	Extreme
AB51 5NR	Extreme	Medium	Extreme	Medium
AB51 5NR	Low	N/A	Low	Extreme
GY1 1AY	High	Extreme	Extreme	Extreme
GY1 1BA	High	Low	N/A	High
GY1 1DG	N/A	Medium	Low	Extreme
GY1 1QF	Extreme	Low	Low	Extreme
IM2 3RB	N/A	N/A	Low	Extreme
IM2 3RB	N/A	High	N/A	High
IM2 3RB	Medium	N/A	Medium	High
IM2 3RB	N/A	High	High	High
IM2 3RB	Low	High	Extreme	High
IM2 3RB	High	High	High	N/A
IM2 3RB	Medium	High	Extreme	Medium
IM2 3RB	N/A	N/A	Low	Low
IM2 3RB	High	High	Medium	Low
IM2 3RB	Medium	Medium	N/A	Low
GY1 1QF	N/A	Medium	Low	Extreme

Postcodes don't flood
buildings do

Let's hire a GIS team!



geaware

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The GIS team are so busy they
don't have time for geography

Let's build a web portal
(we'd better call the experts in)





We still have to look everything up and what about brokers?

We'll just scale out that portal
(better get the experts back in)





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We just wanted to see the risk of
bad stuff happening on a map



We need a map



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We need to find addresses



Ordnance Survey

here

Maps for Life

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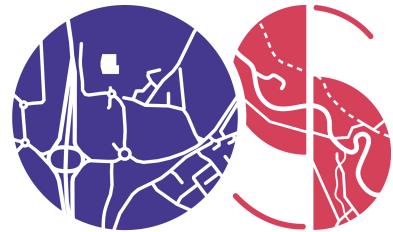


EIR**CODE**



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We need risk data



Ordnance Survey



Environment
Agency



defra

Department for Environment
Food and Rural Affairs



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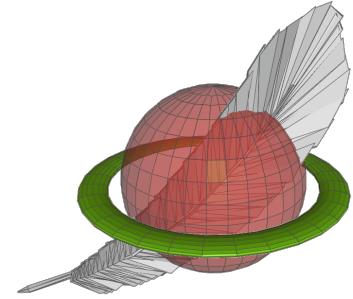
We need to look it up spatially



Microsoft®
SQL Server®



ORACLE®



 mongoDB®

 CouchDB
relax

 **Lucene** Solr

geoaware

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We need to glue it all together



For example...



Embrace open source

Build what gives you
competitive advantage

Use services where it does not

But above all

Keep it simple

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