

Call me "Han"

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More than 10 years developing software systems dealing with geospatial data.

We work with telcos, utilities and government agencies with their internal geospatial needs, focusing on bespoked web applications and geodata integration.











Silos

Tons and tons of beautiful consistent data.

In different silos.

None of them fits together.

Interoperability?

Security.





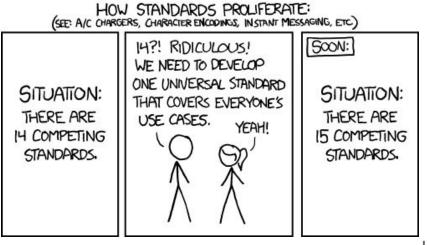


Data is messy, just like our urban scapes, a mixture of old and new.

Interoperabiltiy means accepting that you can't raze and rebuild, but somehow be able to work messily together.



"Standards are great. So many to choose from..."



https://xkcd.com/927/

Standards enables communications.

It's not a competition.

"Don't communicate by sharing data, share data by communicating." It's a conversation, not a one way street.

"Shapefiles must die!"

- Bad format!
- Old (1990s)
- We still doing this in era of BigData?
- A lot of good alternatives. (OGC GeoPackage!)

http://switchfromshapefile.org/

But why is it still so popular?

"Worse is better"

Simplicity

Simplicity is the most important consideration in a design.

Correctness

It is slightly better to be simple than correct.

Consistency

The design must not be overly inconsistent.

Completeness

Completeness can be sacrificed in favor of any other quality.

https://en.wikipedia.org/wiki/Worse_is_better

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