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Why I'm here?

**...role of visualisation and mapping in learning and
meaning making more generally**

**...argumentation-based searching and visualising HPS
(with Katy, Colin & Chris Reed)**



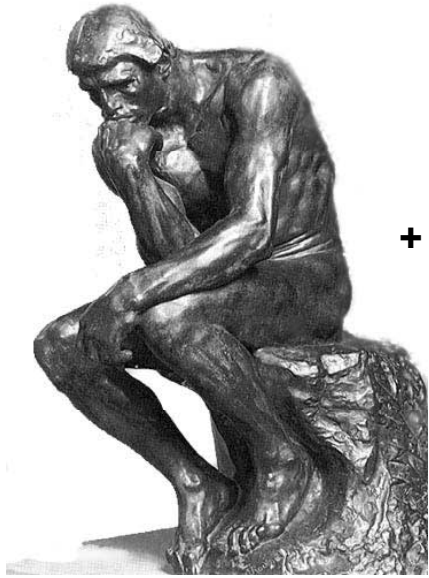
*...background: Psychology, Cognitive Science, Social &
Semantic technologies ('Deep' Learning Design)*

*...do Design Based Research ('I like building interesting
and questioning things and testing them out!')*

*...technologies as catalysts for thinking, learning and
meaning making within collaborative human practices*

UK RAE: Education





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Mapping and visualisation: near-future practices?

Articulating mapping and visualising data as meaning
meaning making process supporting learning

...understanding and using maps/visualisations

relevance (why do it?)

engagement (why continue to it?)

empowerment (value in doing it?)

Towards new forms of (technology mediated)
experience, such as 'visual dialogues with data' that
address existing problems and open up new possibilities

OR

Quick Argumentative Insights (Katy this morning)

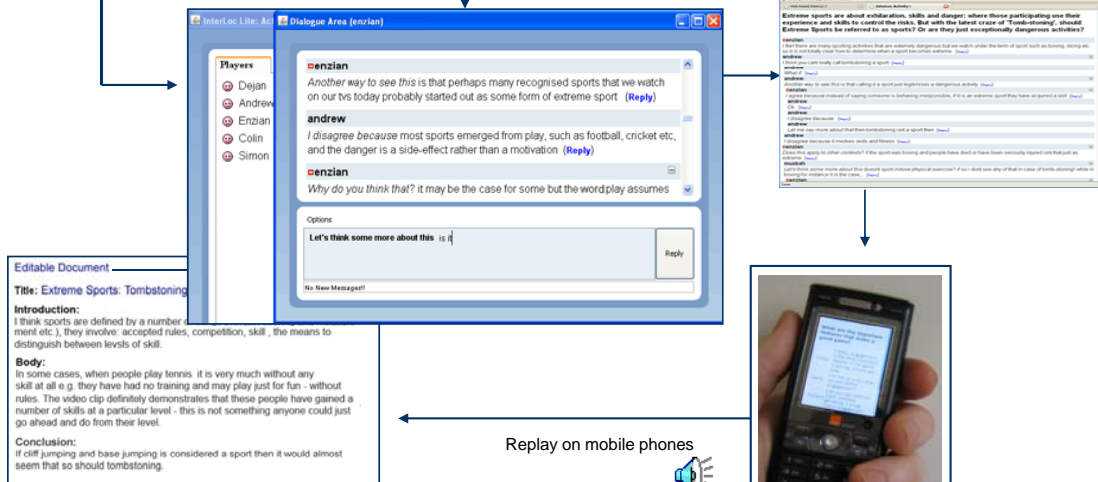


ecosystem for cyber-argumentation and critical writing

User selected content (Web 2.0)



Feedback on performance



Mapping and visualisation: where's this going?

More powerful 'meaning processing' ⇒

from semantic interpretations to intentional actions by people and computers

e.g. argumentation-based searching and mapping of HPS collections

Interaction design for greater alignment between the mutual understandings and actions of people and computers through new and empowering digital practices

...or harmonising (e.g. through AI) human and computer behaviour for greater effect



