The Web science windmill tool

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Web science

a basic question

what technological and other changes need to be incorporated in evolution of Web technologies to best serve human beings?

trans-disciplinarity

basic source of added value in Web science, but we need a common language & tools between sciences

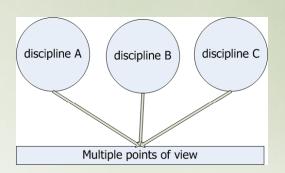
non-disciplinary research

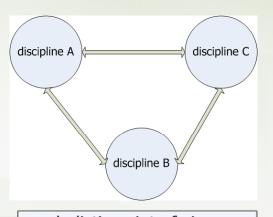
multi-disciplinarity no interaction between sciences i.e. environment, economy, earth

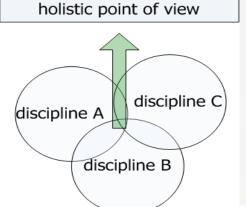
inter-disciplinarityresolution of overlappings/conflictsi.e. econometrics, bioethics

trans-disciplinarity

- new common analytical framework
- o creating new possibilities
- trans-forms mainstream definitions



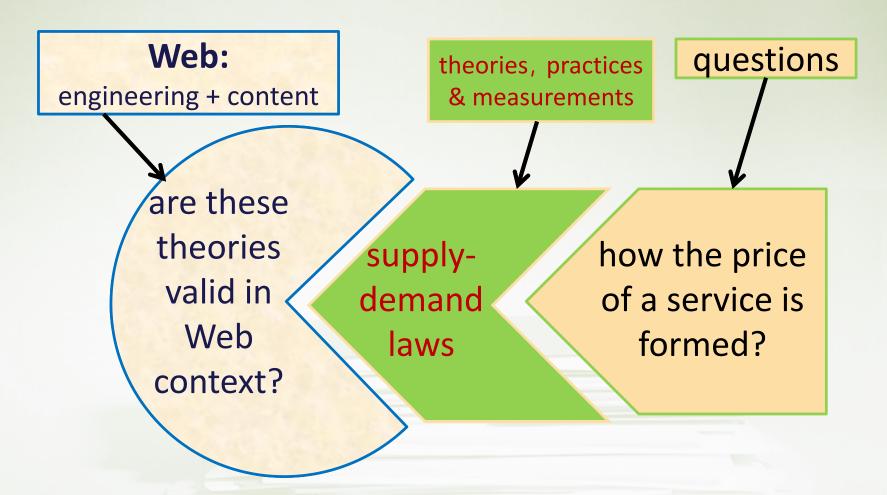




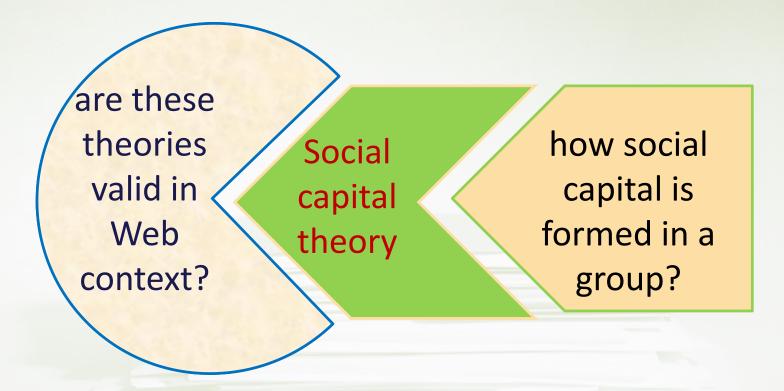
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building tools for web science

case 1: economics

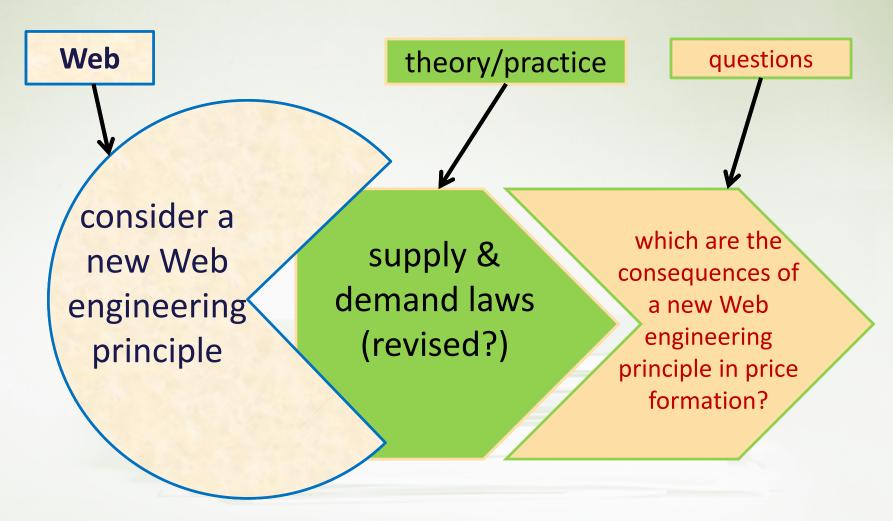


building tools for web science case 2: sociology



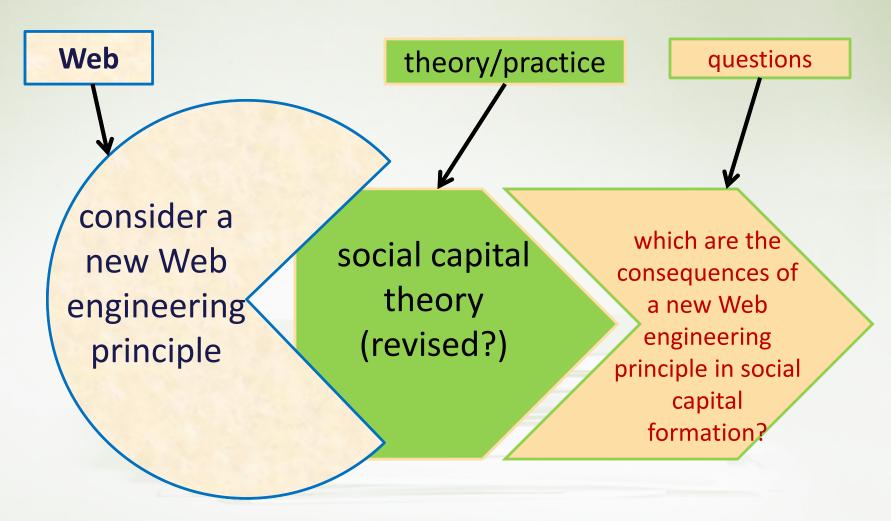
building tools for web science

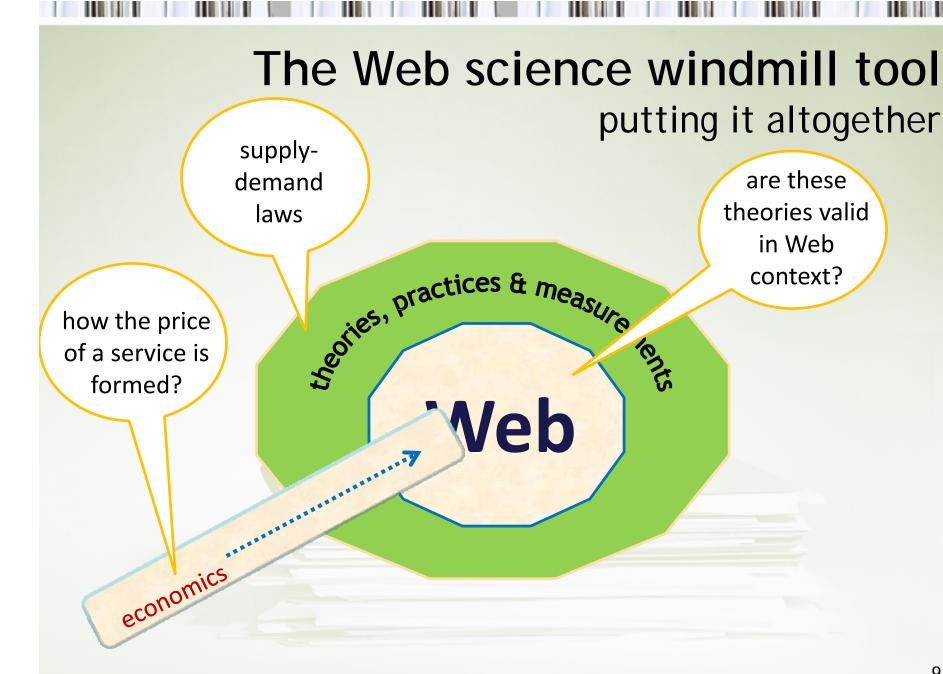
case 3: economics (reversed)

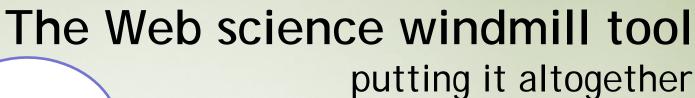


building tools for web science

case 4: sociology (reversed)







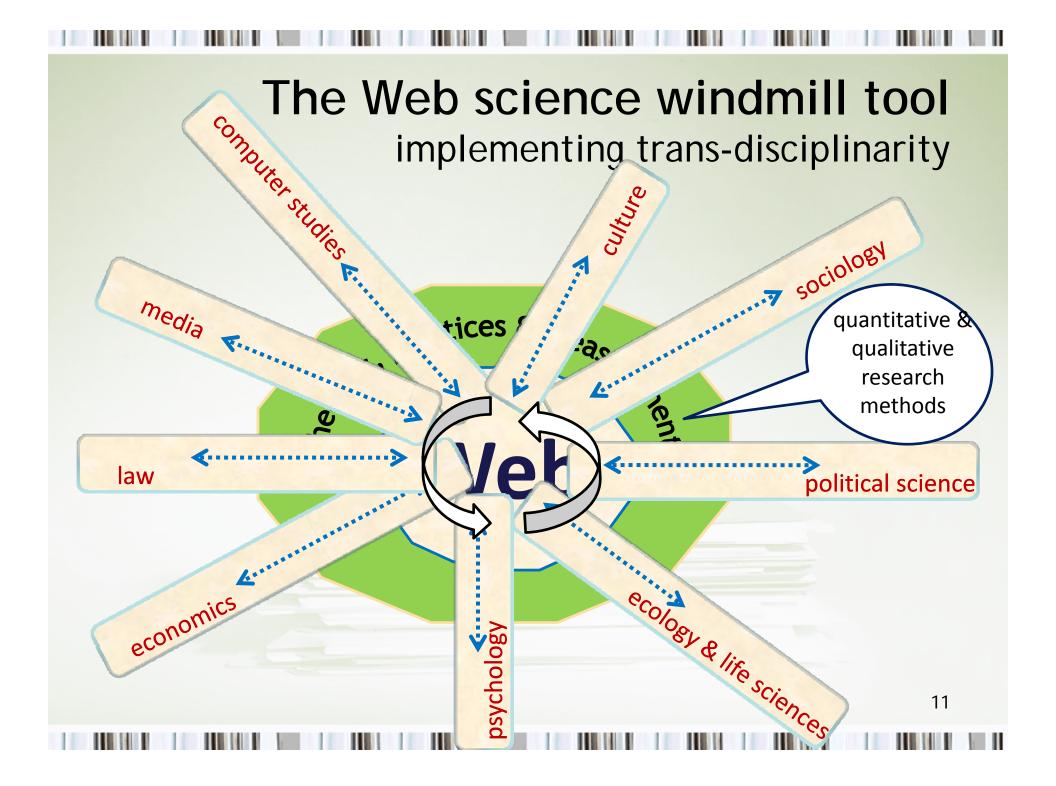
supplydemand laws

which are the consequences of a new Web engineering principle in price formation?

Seories, practices & measure length

ormation? Veb

consider a new Web engineering principle



The Web science windmill tool

- a tool to discover, understand, represent, communicate Web science dynamics
- builds a common language with existing science, research and practice
- under construction, will be enriched
- semantic relations will be represented with RDF/OWL



conclusions

despite the fact that Web is "still in its infancy" (TBL)

- is changing our lives
- has extended human language
- it is time to understand what technological and other changes need to be incorporated in evolution of Web technologies to best serve human beings
- we need Web science
- Web science needs tools...