Emerging Services in Ambient Environments

Panel Discussion on EMERGING/AMBIENT

Moderator:
Maarten Weyn, University of Antwerp, Belgium
Panelists:
Stephan Hengstler, MeshEye Consulting, USA
Maarten Weyn, University of Antwerp, Belgium
Anastasiya Yurchyshyna, University of Geneva, Switzerland

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Panel on EMERGING/AMBIENT: Emerging Services in Ambient Environments

EMERGING 2013, Porto, Portugal

Dr. Stephan Hengstler

MeshEye Consulting, United States

Ambient Intelligence

"Environment adapting to human presence."

Services to

- ease everyday life,
- help us accomplish more,
- make us more comfortable.

In short, improve our quality of life!

Human Intelligence

Where are we heading?

▲ Evolve and engage in higher value activities.

●

▼ Degrade and loss of common sense.
   (Example: Credit card usage EU vs. US)

How can we tell?

● What metrics can be applied?
● What symptoms can be expect?

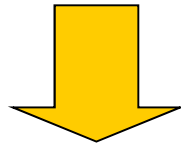# IQ Test in Idiocracy (2006)
"The Future is a No Brainer"

Panel on Emerging/Ambient

Topics: Emerging Services in Ambient Environments

- ➢ New situations to explore : Think in terms of services

- ➢ Contributory development

- ➢ Academic research VS exploration

- ➢ Social networking and Propaganda

Technological « push »

✓ New situations appear, other are simplified/dissolved, other become more complicated

✓ Absence of a unified "usual" way of processing them

✓ Only "good sense" for managing these new situations! but is it not a far too naïve criterion?!

✓ -------- *fragmented efforts*   *confederal efforts* ------------

✓ Academic, entrepreneurial, public, private, worldwide efforts are needed to face/study/master/process these situations

✓ towards discovering and capitalizing of newly created knowledge

✓ New situations: transforming/emerging competencies, know-how, ways of thinking

✓ Any evolution is future-oriented => initiatives (!)

Service Science

SERVICE

Think in terms of services !

- Not a good, but a service
- Not pre-defined, but created according to the environment
- Not consumers, but creators

Contributory development

Contributory development appears to be much more efficient to highlight the intangible part of the technology, that is essential to its social assimilation.

A free study/method/research/technology becomes
free of charge
only if its development was fully funded.

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Creative Common Licence
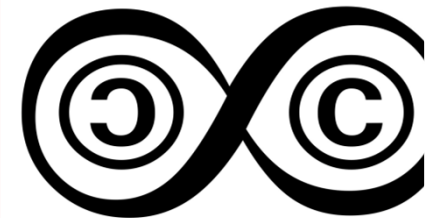https://creativecommons.org/licenses/by/3.0/

Contributory economy

Instruments of the contributory economy
for the development facing PPP(P) situations.

To decrease notably the devastating effects of **the Death Valley**
in the innovation process,
that waste the efforts of innovators, in the frame of our domain.

Contributory economy did not aim
to create a universe of services and products, free of charge,
but a world, in which knowledge is available, freely of charge,
to promote its spread, its application and its exploration,
in favor of the development of innovation.

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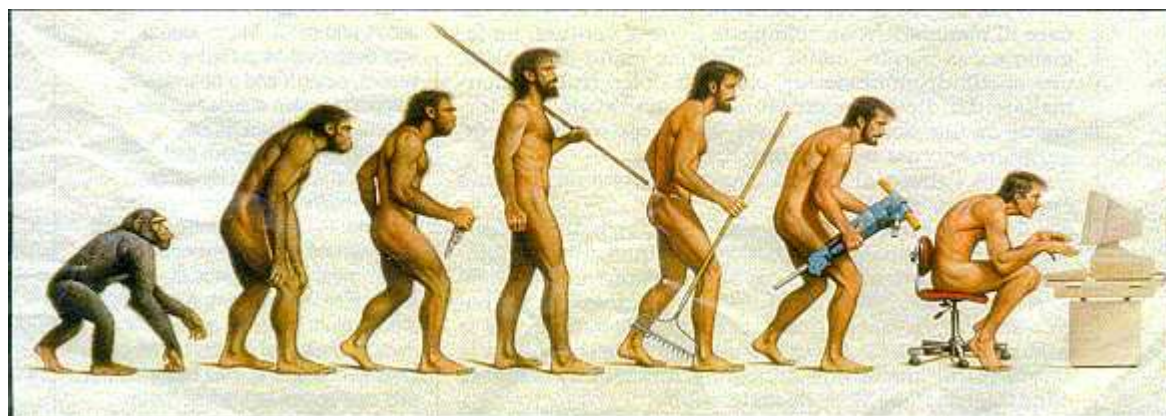Stephan Hengstler, MeshEye Consulting, USA
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Emerging Services in AmI

1998   1999   2003   2013 2013   2013   2013

Emerging Services in Education

Emerging Services in AmI

Emerging Services in AmI

- <u>Discussion: Ambient Vision by Siemens</u>

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