The teleological brake on ICTs in open and distance learning

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Questions?

The aim

- Make you aware of the teleological-ateleological spectrum
- Show that teleological alone acts as a brake
- Suggest that a combination might be better
- Leave questions so you read the paper
How do you design?

- You've won a holiday to China/Russia
  - You have 30 days
  - All the money you need
  - Your choice how to use both

- What do you do?
## Designextremes

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Teleological</th>
<th>Ateleological</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultimate purpose</td>
<td>Goal/purpose</td>
<td>Harmony</td>
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<td>Intermediate goals</td>
<td>Effect/Efficiency</td>
<td>Homeostasis</td>
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<td>Design focus</td>
<td>Ends/results</td>
<td>Means/process</td>
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<tr>
<td>Designers</td>
<td>Explicit designer</td>
<td>Participant</td>
</tr>
<tr>
<td>Scope</td>
<td>Part</td>
<td>Whole</td>
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<tr>
<td>Process</td>
<td>Problem solving</td>
<td>Local adaptation</td>
</tr>
<tr>
<td>Problems</td>
<td>Complexity/conflict</td>
<td>Time</td>
</tr>
<tr>
<td>Management</td>
<td>Centralised</td>
<td>Decentralised</td>
</tr>
<tr>
<td>Control</td>
<td>Master plan</td>
<td>Rules/regulators</td>
</tr>
</tbody>
</table>
CQUOnline - the spectrum

CQU Online
* -1999
* 35 people
* 20% teachers

Webfuse
* 1996-now
* 1000s users
* 90+% staff adoption

WebCT
* 1999-2003
* Quizzes as reflective journals

IT Strategic Planning

Big planning

Strategic planning

Iterative planning

Adaptive organisation

http://www.educause.edu/er/erm05/erm0522.asp?bhcp=1
**ISDevelopment**

Software development life-cycle

http://doi.acm.org/10.1145/310930.310984
http://agilemanifesto.org
http://www.agilealliance.org

**Programming**

Plan first

Test-driven development

http://www.testdriven.com
http://www.paulgraham.com/hp.html
http://www.itconversations.com/shows/detail164.html
Meta-data

Taxonomy

Folksonomy

http://en.wikipedia.org/wiki/Folksonomy
http://en.wikipedia.org/wiki/Taxonomy

Standards

Top-down standards
* IMS, SCORM

Micro-formats

http://microformats.org