C3B: Exploiting the Numerous Possibilities Web Technology Offers to Elevate Questions

Arnaud Wijnant
wijnant@uvt.nl

Maurice Martens
m.g.j.martens@uvt.nl

IBUC 2010 Baltimore
What is C3B?

Custom Questionnaire Control for Blaise

C3B is an add-on for BlaiseIS which makes it easier to include custom questions in a questionnaire.
Custom questions

“Web surveys share similarities and differences with other survey modes that have implications for their design; web surveys are self-administered, computerized, interactive, and rich multimedia platforms.”

*Mick P. Couper, Design effective web surveys*
Why C3B?

Blaise
Fills
Open question
Questionnaire
Life History Calendar
Grid

Website
Internet
Data
Java
SQL
Web service
PHP
HTTPS

IT-guy

Questionnaire Designer

5
11/3/2010
Why C3B (2)?

Why do I have to wait so long???
Why C3B (3)?
How does C3B work?

DATAMODEL siwittest
LANGUAGES = NED "Nederlands"
PRIMARY
nohouse,
nomem
FIELDS
  nohouse: 0..100000
  nomem: 0..500000
v1 (customapplication)
  "url;http://cdata4.uvt.nl/blaiseistest/question.php;text;Deliver meals in a nursing home;audionumber;161;": string, empty
c1 (hidden) "Deliver meals in a nursing home" : string
v2 (customapplication)
  "url;http://cdata4.uvt.nl/blaiseistest/question.php;text;Decorate tables in a building;audionumber;178;": string, empty
c2 (hidden) "Decorate tables in a building" : string
v3 (customapplication)
  "url;http://cdata4.uvt.nl/blaiseistest/question.php;text;Fix computers;audionumber;189;": string, empty
c3 (hidden) "Fix computers" : string

<table>
<thead>
<tr>
<th>Output variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>url</td>
<td>http://.../question.php</td>
</tr>
<tr>
<td>text</td>
<td>Deliver meals in a nursing home</td>
</tr>
<tr>
<td>audionumber</td>
<td>161</td>
</tr>
<tr>
<td>v2</td>
<td></td>
</tr>
<tr>
<td>c2</td>
<td></td>
</tr>
<tr>
<td>v3</td>
<td></td>
</tr>
<tr>
<td>c3</td>
<td></td>
</tr>
</tbody>
</table>

ENDMODEL
How does C3B work (2) ?

Free to implement:
- Server location
- Technique (PHP, ASP, JAVA, etc.)
- Number of pages
What type of questions are possible?

Other respondents said

Facebook

Met Facebook be alles met iedereen

Everything

That is possible on the World Wide Web

10
11/3/2010
Demonstration

All examples shown in the demonstration are also available on:

http://vragenlijst.uvt.nl/showcase/