



CentERdata
Institute for data collection and research

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



CentERdata
Institute for data collection and research



What is C3B?

Custom

kʌstəm

Questionnaire

kweʃCHə'ne(ə)r

Control for

kən'trəʊl

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

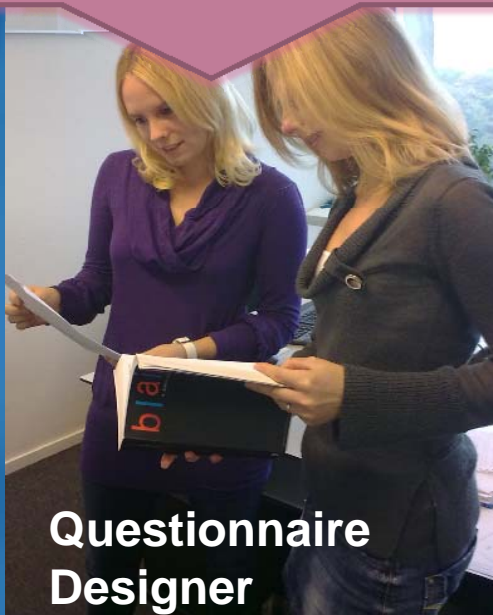
Java

SQL

Web service

PHP

HTTPS



Questionnaire Designer



IT-guy



Why C3B (2) ?

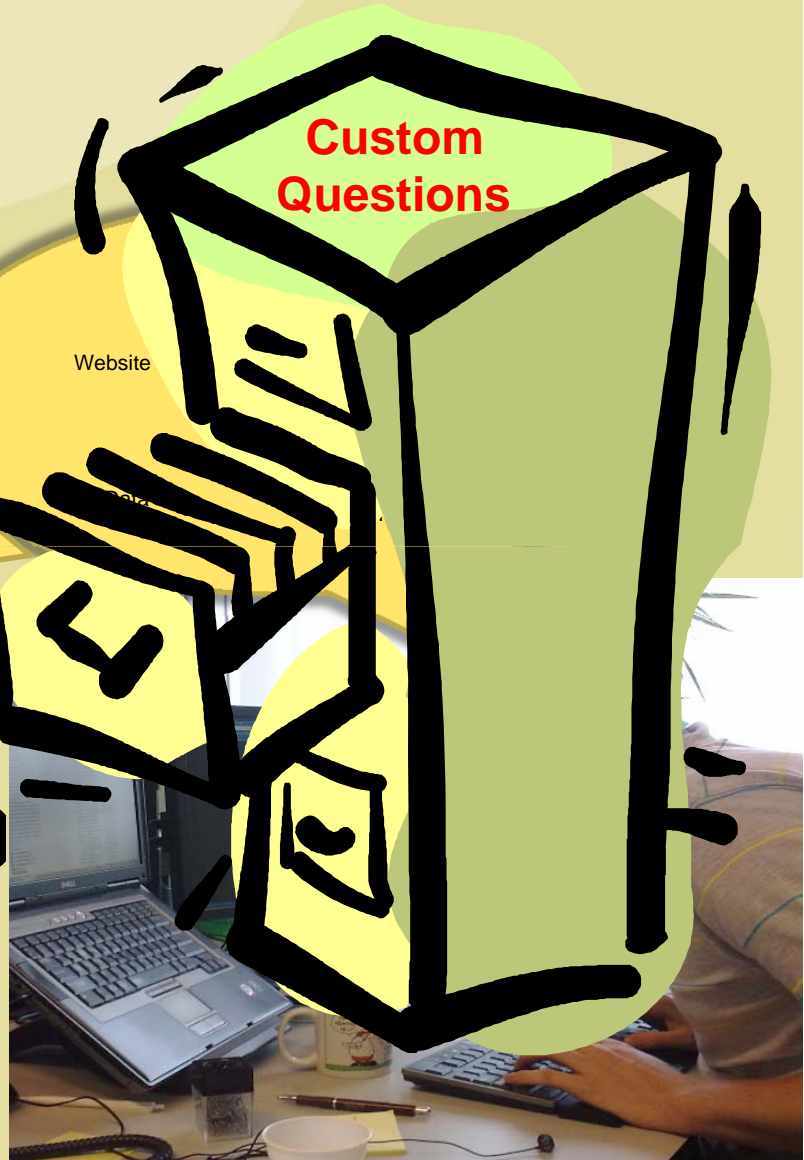
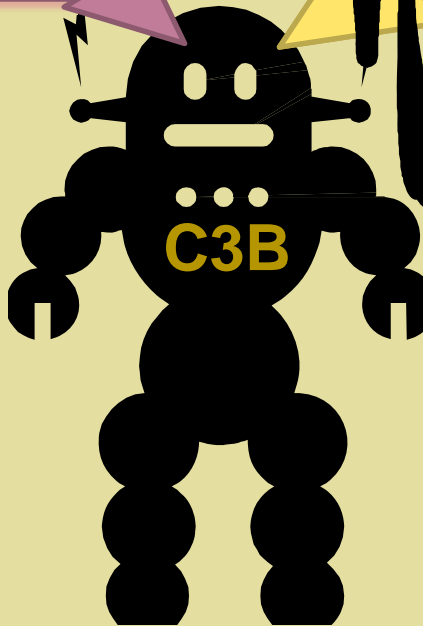
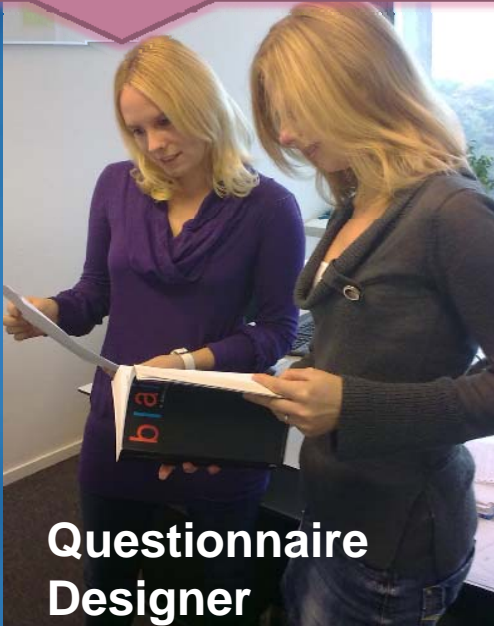
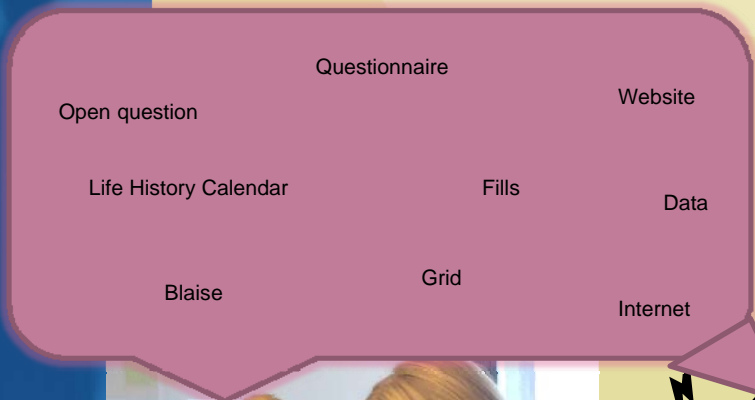
Why do I have to wait so long???



Manager



Why C3B (3) ?





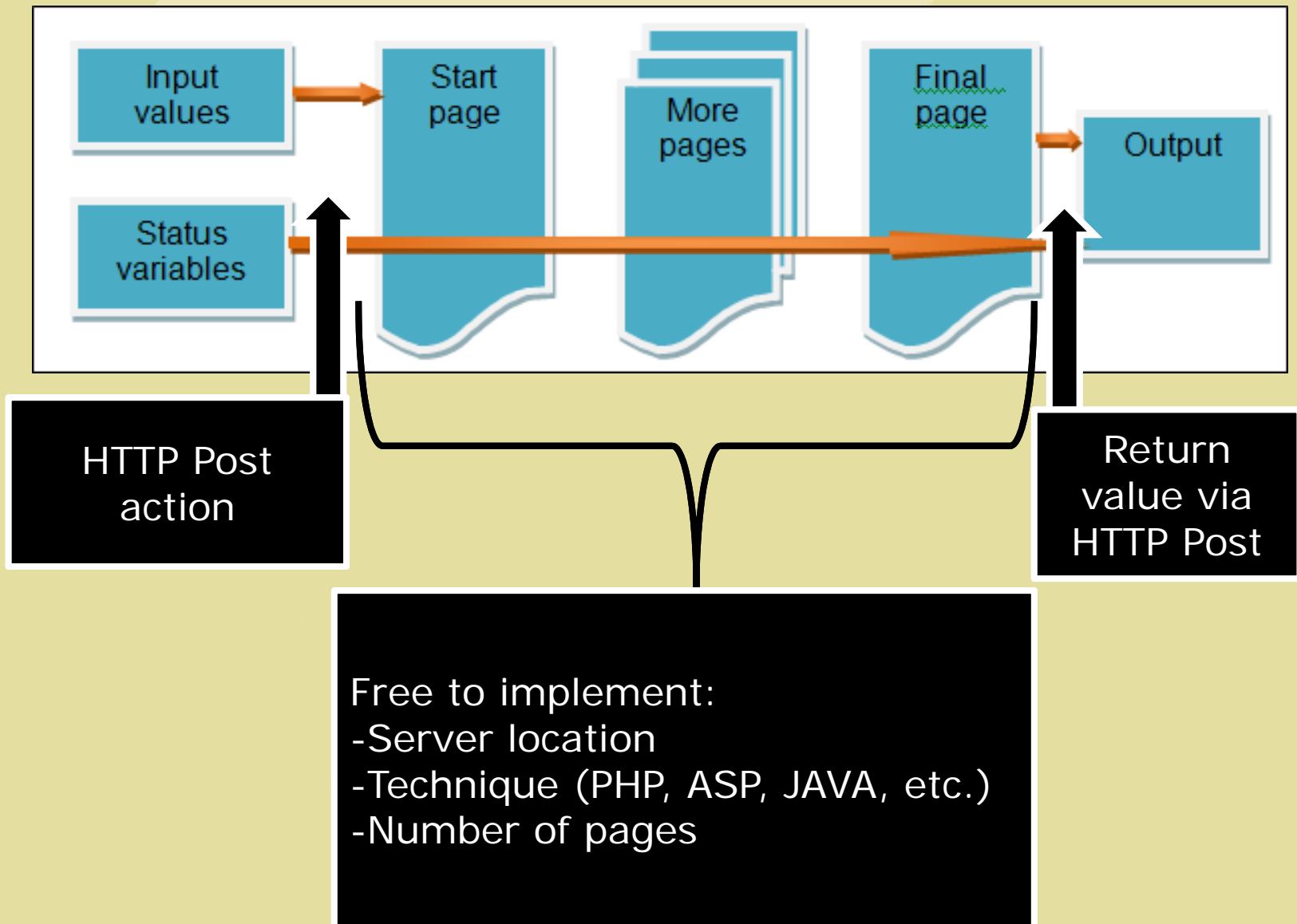
How does C3B work?

```
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;189;": 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;":
```

Output variable	Value
url	http://.../question.php
text	Deliver meals in a nursing home
audionumber	161



How does C3B work (2) ?

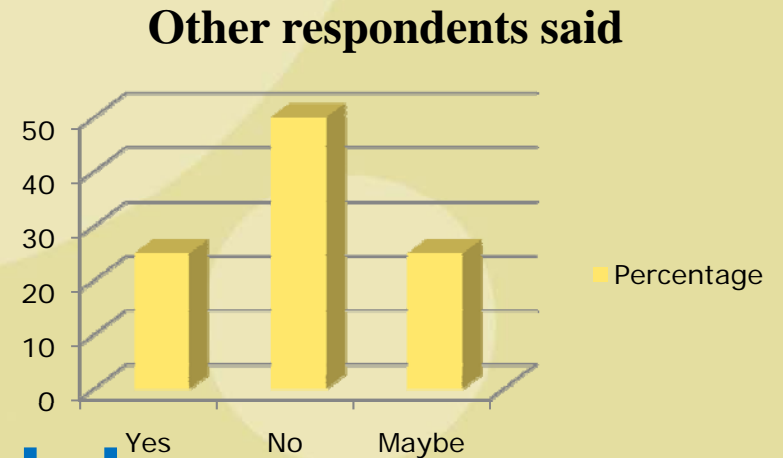




What type of questions are possible?

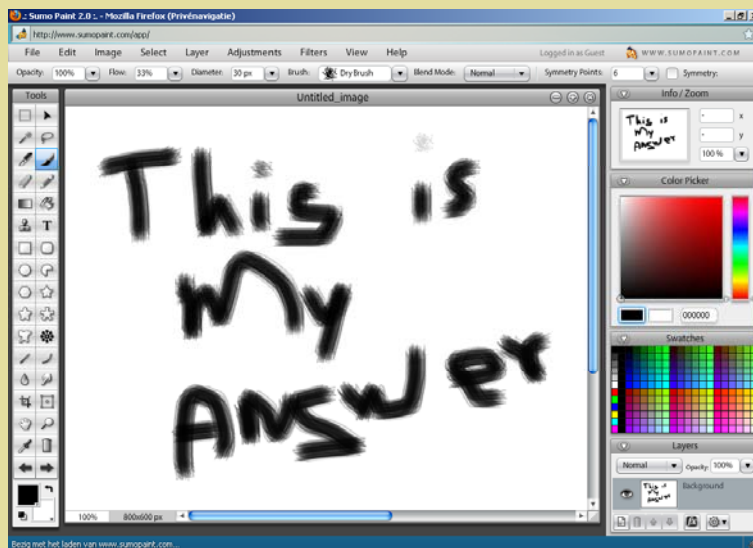
Blaise users
blaise users
blaise u

facebook
Met Facebook be
alles met iedereen



Everything

That is possible on the World Wide Web



STANDARD **METRIC**

Your Height:
(feet) (inches)

Your Weight:
(pounds)

Compute BMI

Your BMI:



Demonstration

All examples shown in the demonstration
are also available on:

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



CentERdata
Institute for data collection and research

