Overview of the new version of QTAFI

Tamara Arutyunyants,

INCHER, University of Kassel

24. November 2015

QTAFI Workshop, Bali, Indonesia

QTAFI Application

- **Opening the QTAFI application**

Home > Login default

Login default

Name	
Password	
☐ Remember Me	Login

Login name and Password
for launching the application

- **Launched application**

Account: tamara | Admin panel

Home

en

Home

Project incher

Status: offline

Responses: 32

As role: admin

Two kinds of account authorisation:

- ✓ **Administrator** → *access to Admin panel*
- ✓ **Role within a project** → *admin, manager, reporter*

Account: tamara | Admin panel

Account name: tamara (admin)

Change password

Logout

QTAFI admin panel

Accounts

admin

matthias

etf

test

thuy

martin

katharina

tobias

heiko

tamara

Add account

Projects

test
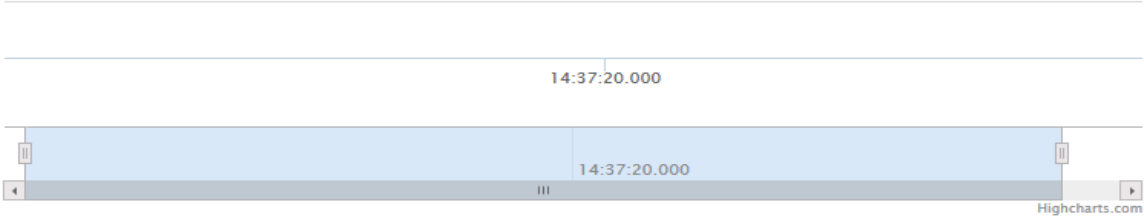
etf

test2

Test1mrm

eoda

martin

arabic

Create project   Remove project

■ **Admin panel allows:**

- Creating a new account
- Editing available account
- Creating a new project
- Assign a new project to a person
- Assign available project to a new person
- Removing available project

Zoom 1m 3m 6m YTD 1y All

From Jul 3, 2015 To Jul 3, 2015

0

14:37:20.000

14:37:20.000

Highcharts.com

Questionnaire

Default questionnaire

New Questionnaire

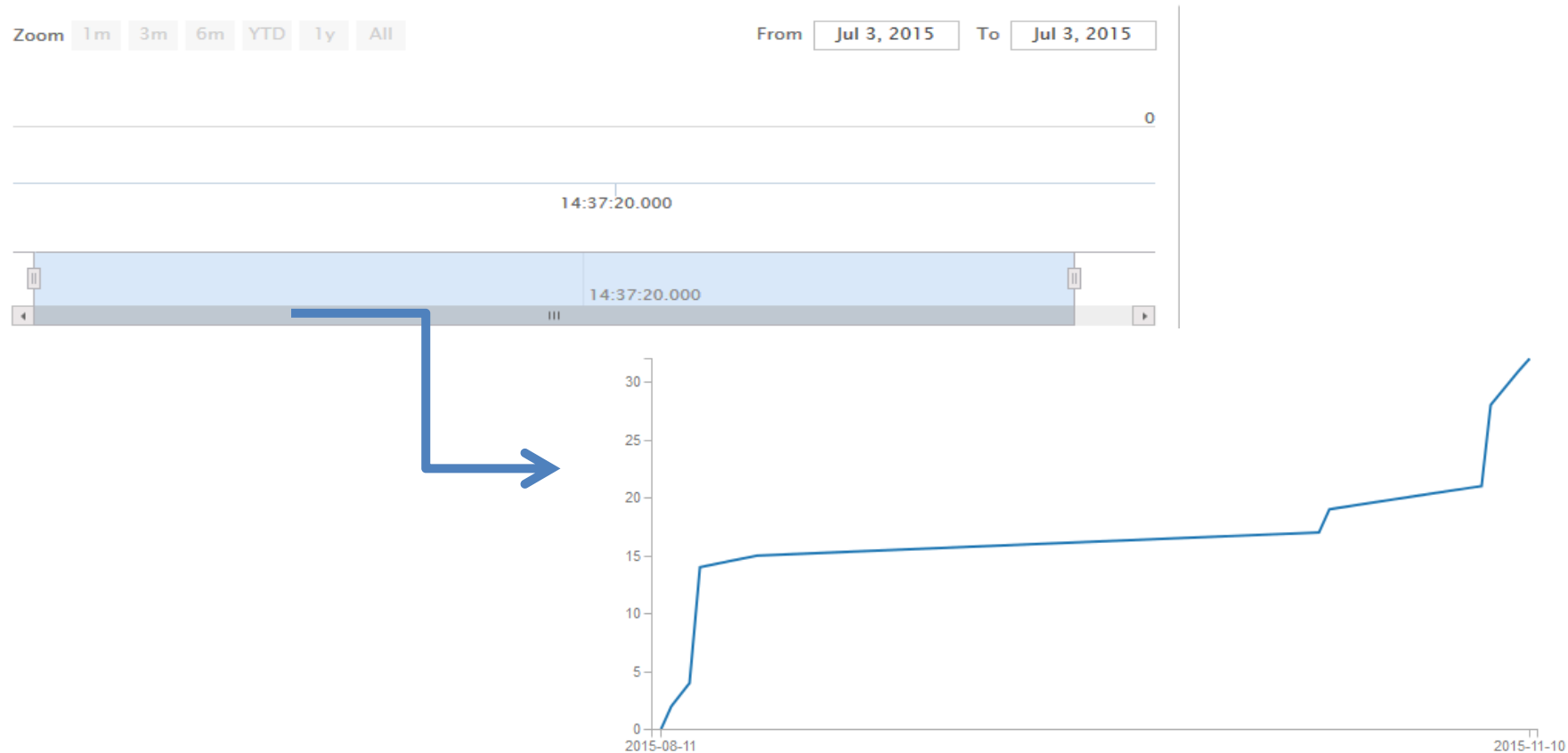Resources

Responses

0 responses

Log data

Report

Runtime

Preview

Publish Unpublish

Authentication

0 users defined

PIN

Response rate: *from the first till the last day of the survey*

QTAFI Main Menu

Responses:

Responses

0 responses

Report

Log data

↓

Responses

32 responses

Log data

Responses – *detailed responses of the survey*

Log data – *documentation of each access to the questionnaire even failed one*

Report – *performance of data analysis*

Log data:

logid	sessionid	originated	request	query	path	ip	incidenttype
1	2e72069c-...	2015-07-0...			/qtafi/proje...	217.187.22...	3
2	9fd44b4f-2...	2015-08-0...			/qtafi/proje...	217.187.23...	3
3	3f83b4f8-4...	2015-08-0...			/qtafi/proje...	217.187.23...	3
4	5d5e85d9-...	2015-08-0...			/qtafi/proje...	217.187.23...	3
5	87b15199-...	2015-08-1...			/qtafi/proje...	217.187.23...	3
6	87b15199-...	2015-08-1...			/qtafi/proje...	217.187.23...	3
7	025cc3df-5...	2015-08-1...	de.tinu.qtaf...		/qtafi/proje...	217.187.23...	4

Log data – documentation of each access to the questionnaire

QTAFI Main Menu

Responses:

Responses

32 responses   Log data

Click on the number of responses → *raw data of the survey*

	__n	__pin	__id	__inited	__lastchan...	__lastacces...	__maxacce...	__logins
⬇ Order by questionnaire	1	tKShsa	eac1149a-...	2015-08-1...	2015-08-1...	3	3	1
⬇ Export data	2	dWkk7K	f1f73088-6...	2015-08-1...	2015-08-1...	2	2	1
⊗ Delete response	3	-9	3142cbf4-a...	2015-08-1...	2015-08-1...	4	4	1
	4	-9	5772a307-...	2015-08-1...	2015-08-1...	-1	-1	1
	5	h5SRpG	42dc43a1-...	2015-08-1...	2015-08-1...	4	4	3
	6	gVl6zh	e76faf25-c...	2015-08-1...	2015-08-1...	4	4	2
	7	QvRzpH	b6a0fa06-9...	2015-08-1...	2015-08-1...	4	4	1

QTAFI Main Menu

Responses:

Order by questionnaire

Export data

Delete response
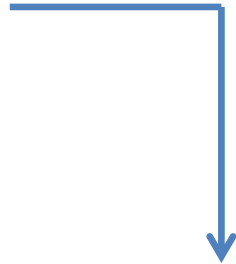
VA1	VA3	VA2_3_TE	VA2	VA4_1	VA4_2	VA4_3	VA4_4	VA4_5
-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9
2	-9	-9	2	4	5	3	2	4
1	2013/08	-9	1	4	5	4	3	5
2	2015/06	Bachelor	3	2	4	4	2	1

QTAFI Main Menu

Responses:

[≡ Order by questionnaire]

[⬇ Export data] → **Export data** allows you to download raw data for analysis

[⊗ Delete response]

VA1	VA3	VA2_3_TE	VA2	VA4_1	VA4_2	VA4_3	VA4_4	VA4_5
-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9
2	-9	-9	2	4	5	3	2	4
1	2013/08	-9	1	4	5	4	3	5
2	2015/06	Bachelor	3	2	4	4	2	1

Authentication:

Authentication

0 users defined

PIN ▼

OPEN
PIN
URL

Open vs closed survey

Authentication

0 users defined →

⬇Export pins
⬆Import pins
Create 100 pins
⊗Delete users
▼Filter

→

Pin
tKShsa
dWkk7K
H4ma9E
G7gmKw
sY5rYG

QTAFI Main Menu

Authentication - URL:

Pin	Info	Answered	URL
h5SRpG		true	https://survey.eoda.de/qtafi/projects/incher/index.qml?h5SRpG
gVl6zh		true	https://survey.eoda.de/qtafi/projects/incher/index.qml?gVl6zh
QvRzpH		true	https://survey.eoda.de/qtafi/projects/incher/index.qml?QvRzpH

URL Link to the survey instead of PINs

Runtime:

Runtime

Preview

Publish | Unpublish

↓

Runtime

Online

Publish | Unpublish

*Preview –
data will not be stored!*

*Online –
data will be stored!*

QTAFI Main Menu

Questionnaire:

Questionnaire

Default questionnaire

New Questionaire

Resources

Click on „default questionnaire" leads to the questionnaire panel

QTAFI questionnaire panel:

- ⚙ Options
- ⬇ Export
- ⬆ Import
- 🖨 Printable
- 🛏 Append page

- ▸ 💬 Questions
- ▸ ☰ Advanced components
- ▸ 📖 Library
- 🗑 Trash

Admin field

- ▸ Page 1
- Page 2
- Head
- ▸ Foot

Questionnaire structure panel

login

Login

Page 1

ii

Page 2

Preview screen

Admin field of questionnaire panel:

Options	→ *Text direction – right to left*
Export	→ *Download of the codebook*
Import	→ *Upload of the codebook*
Printable	→ *Print documentation of questionnaire*
Append page	→ *Adding a new page to the questionnaire*

Admin field of questionnaire panel:

▸ Questions   → *All types of questions*

▸ Advanced components   → *Additional elements of questionnaire*

▸ Library   → *Save a question for use in other projects*

Trash   → *Delete questions, pages, elements*

QTAFI questionnaire panel

Question types:

```
▲ 💬 Questions
      ➦ Headline (HL)
      ➦ Single choice (SC)
      ➦ Multiple choice (MC)
      ➦ Ordinal question (OR)
      ➦ Text input (TE)
      ➦ Metric (ME)
      ➦ Date (DATE)
```

Question types – Headline (HL):

To provide a title to your survey and titles of questionnaire sections

Survey of Graduates of the Year 2014

| A | VOCATIONAL EDUCATION/TRAINING BEFORE YOUR STUDY AT THE VET/HE INSTITUTION |

Question types – Single choice (SC or CV):

Categorizes data into two or more mutually exclusive or contradictory categories such as "male" and "female". Here **only one** variant of response can be chosen

A3	Were you employed before your study at the VET/HE institution?
◯	Yes
◯	No

Question types – Multiple choice (MC):

Defines questions with the possibility to choose from a list of given answers as many items as relevant

F3	If you did not search for employment: what were your reasons?

Multiple answers possible

☐ I continued studying

☐ I continued a job I had prior to studying

☐ I found a job without searching

☐ I became self-employed / a freelancer

☐ Other (please specify): [   ]

Question types – Ordinal question (OR):

defines questions which allow to rate the given answers according to a scale - e.g. "Not at all" - "To a very high extent", "very bad" - "very good"

E3	In retrospective, to what extent are you satisfied with your studies in general?

Not at all				To a very high extent	
1	2	3	4	5	
○	○	○	○	○	Satisfaction with the study in general

Question types – Text input question (TE):
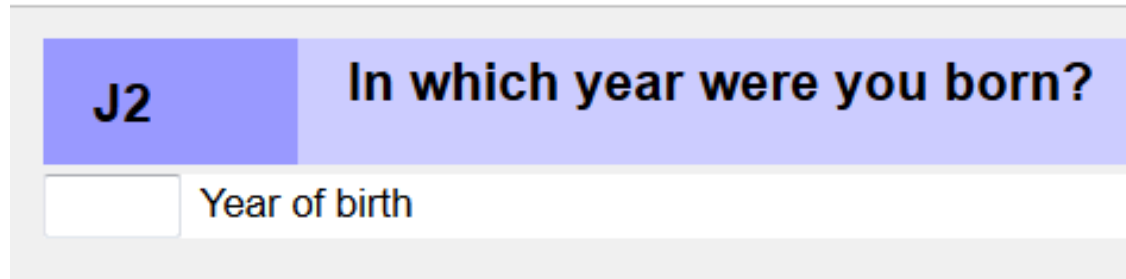
characterizes an open question, in which the answers are not predefined – short text as an answer to a question is to be given

A2	Please specify the vocational training/post-secondary school courses.

Question types – Metric question (ME):

characterizes an open question, in which answers in the form of numbers are to be provided

Advanced components:

⊿ ☰ Advanced components

  ↪ Image (IMAGE)

  ↪ Navigation button (NavigationButton)

  ↪ Progress bar (ProgressBar)

  ↪ Login (LOGIN)

  ↪ HTML Element (XHTML)

  ↪ Raw Html element (RAW)

Questionnaire structure panel:

Page 1

Page 2

    HL - VA

    SC - V001

    TE - V002

    SC - V003

    SC - V004

Page 3

Page 4

Page 5

Page 6

Page 7

■ **Questionnaire structure:**

✓ **Front page**

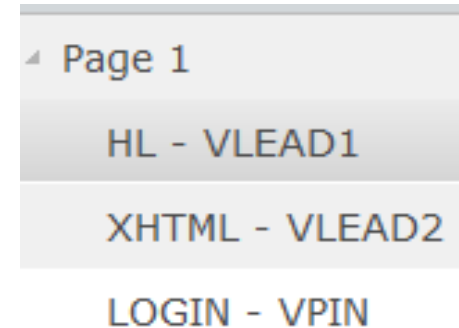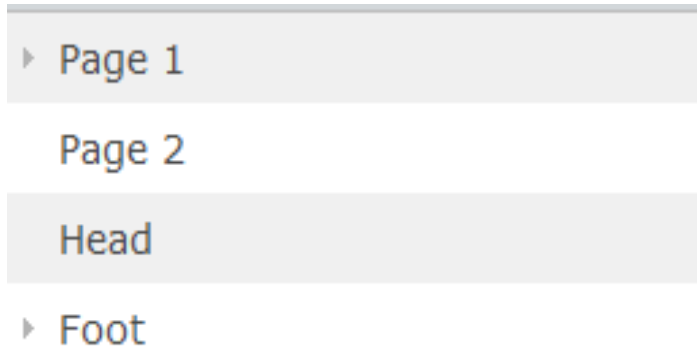Title of the survey, introduction, login field

✓ **Content page**

Can consist of several pages and contains all questions/filters of the questionnaire

✓ **Back page**

End of questionnaire and gratitude for participation in a survey

Questionnaire structure panel:

- **Add questions/elements to a page within the structure panel** → click on a question/element and pull it to a certain page
- **Edit question/element** → double click on the question/element will bring up the question editor window

QTAFI - Design online questionnaire

■ **QTAFI question editor for each type of questions:**

Question editor / Type: CV

Question	Filter

Id [   ] ☐ Protected

Subject [   ]

Number [   ]

Text [   ]

Subline [   ]

Layout [Radioboxes ▼]

Variable [   ]

Categories | Key | Label |

✏️

OK   Cancel

■ **Design questionnaire within codebook (XML)**

General structure of a question in a codebook

```xml
<qtafi xmlns:qtafi="urn:qtafi">
    <codebook>
        <Page>
            <children>
                <HL>
                    <text> Survey of Graduates of the Year 2013</text>
                </HL>
            </children>
        </Page>
    </codebook>
</qtafi>
```

■ **Design questionnaire within codebook (XML)**

General structure of a single choice question

```xml
<CV id="V032">
  <subject>Gender</subject>
  <text>What is your gender?</text>
  <number>J1</number>
  <layout inputStyle="radio"/>
  <value key="1">Male</value>
  <value key="2">Female</value>
  <variable name="V032"/>
</CV>
```

Let's create questions and filters ☺

QTAFI Report panel for data analysis

| Export Word |
| Export Excel |
| Printable |

- ▸ Page 1
- ▸ Page 2
- ▸ Page 3
- ▸ Page 4
- ▸ Page 5
- ▸ Page 6
- ▸ Head
- ▸ Foot

Preview screen

Data analysis panel

Questionnaire structure panel

QTAFI - Data Analysis

Page 1

Page 2

HL - VA

SC - VA1

DATE - VA3

SC - VA2

■ QTAFI Report panel for data analysis

VA2 - Which qualification did you achieve at the VET/HE institution? Percent;

Certificate	27,3%
Diploma	54,5%
Other (please specify):	18,2%
Missing cases	21
Total answers	11

■QTAFI Report properties

Report properties ⊗

Title	Which qualification did you achieve at the VET/HE instituti
Layout	☐ Chart
Totals	☐ Show totals
Show	● Percent
	○ Count
Break	--

Remove break

Apply to all the same type

OK   Cancel

QTAFI - Data Analysis
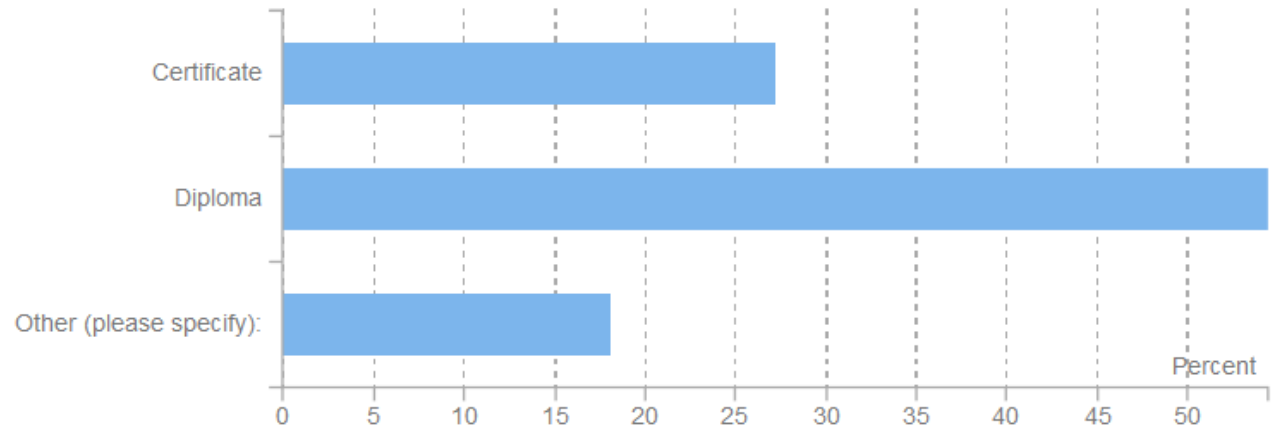
■ QTAFI Report panel for data analysis

VA2 - Which qualification did you achieve at the VET/HE institution?

Percent;

Missing cases 21

Total answers 11

Thank you for your attention!