

# Answer-xml reference

PQS saves test subjects answers in xml-format. This file contains quick reference for all possible elements and attributes. Character encoding is ISO-8859-15. All ids correspond to ids set in xml-file that defines the study.

## Study structure

### Answer

Root tag. Contains 0 to N studies.

- Children
  - study

### study

Single study-instance, each separate answering instance is inside its own study-container.

- Attributes
  - sid - Study id.
  - name - Study name
  - subject - Test subject id. Set in PQS-settings.
- Children
  - measure

### measure

Collection of items.

- Attributes
  - mid - Measure id.
  - name - Measure name.
  - time - Measure start time.
  - manual - True or false. If true questionnaire was initiated by test subject, otherwise automatically.
- Children
  - item

### item

Single question on study. Can contain several different GUI component events, if item is empty test subject skipped it.

- Attributes
  - iid - Item id.

- name - Item name.
- time - Item start time.
- Children
  - buttonEvent
  - checkboxEvent
  - listEvent
  - sliderEvent
  - radiobuttonEvent
  - gridEvent
  - timeout

## Events

All GUI components except label have corresponding event that is logged each time GUI component is used. Because single item can contain multiple different GUI components each item in answer xml can contain multiple events. All events are logged, not just the last one, so if test subject first choose radiobutton A and then B item will contain two radiobutton events A and B in chronological order.

### buttonEvent

- Attributes
  - id - Id of the button that was pressed.
  - text - Text on the button.
  - time - Time button was pressed.
  - resultName - User defined name or identifier for event. String.

### checkboxEvent

- Attributes
  - id - Id of the checkbox that was clicked.
  - text - Text on the checkbox.
  - checked - True or false. True if checkbox was chosen, otherwise false.
  - time - Time checkbox was clicked.
  - resultName - User defined name or identifier for event. String.

### listEvent

- Attributes
  - id - Id of the list element that was clicked.
  - text - Text of the list element.
  - time - Time element was chosen.
  - resultName - User defined name or identifier for event. String.

### sliderEvent

- Attributes

- id - Id of the slider that was clicked.
- value - Value chosen.
- time - Time slider was adjusted.

### **radiobuttonEvent**

- Attributes
  - id - Id of the radiobutton that was clicked.
  - groupid - Buttons group id.
  - text - Text on the button.
  - time - Time radiobutton was clicked.
  - resultName - User defined name or identifier for event. String.

### **gridEvent**

- Attributes
  - id - Id of the grid that was clicked.
  - x - x-coordinate of the chosen point. Values range from 0 to 89, 0 on left.
  - y - y-coordinate of the chosen point. Values range from 0 to 89, 0 on top.
  - time - Time grid was clicked.

### **timeout**

Timeout-tag is written if item answer time runs out before user answers(presses done).