

Verification in Blaise 4.82

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Sharing your passion for accurate, efficient surveys

Blaise verification is important for:

- Paper surveys or 'dumb' electronic collection
- Paper / CATI – CAPI
- Paper / Web
- Paper / Web / CATI – CAPI

- If data entry verification is required, this feature makes it much easier to combine paper and other modes into one instrument

Data Entry Verification

- For 'forms-based' data entry
 - Not 'Item-code (source-code)' data entry
- You have to consider routing
 - Verify or not verify data on a new path
- Blind verification is appropriate
- High-speed first and high-speed second entry
- Second operator is adjudicator
 - Take 1st value; (2) Take 2nd value; (3) Type 3rd value

Data Editing Verification

- Value added to the traditional Blaise interactive editing capability
- Give a reason for changing an existing datum
- Summarize changes over all forms
 - Use the log file data for this

Comparing Verification Styles

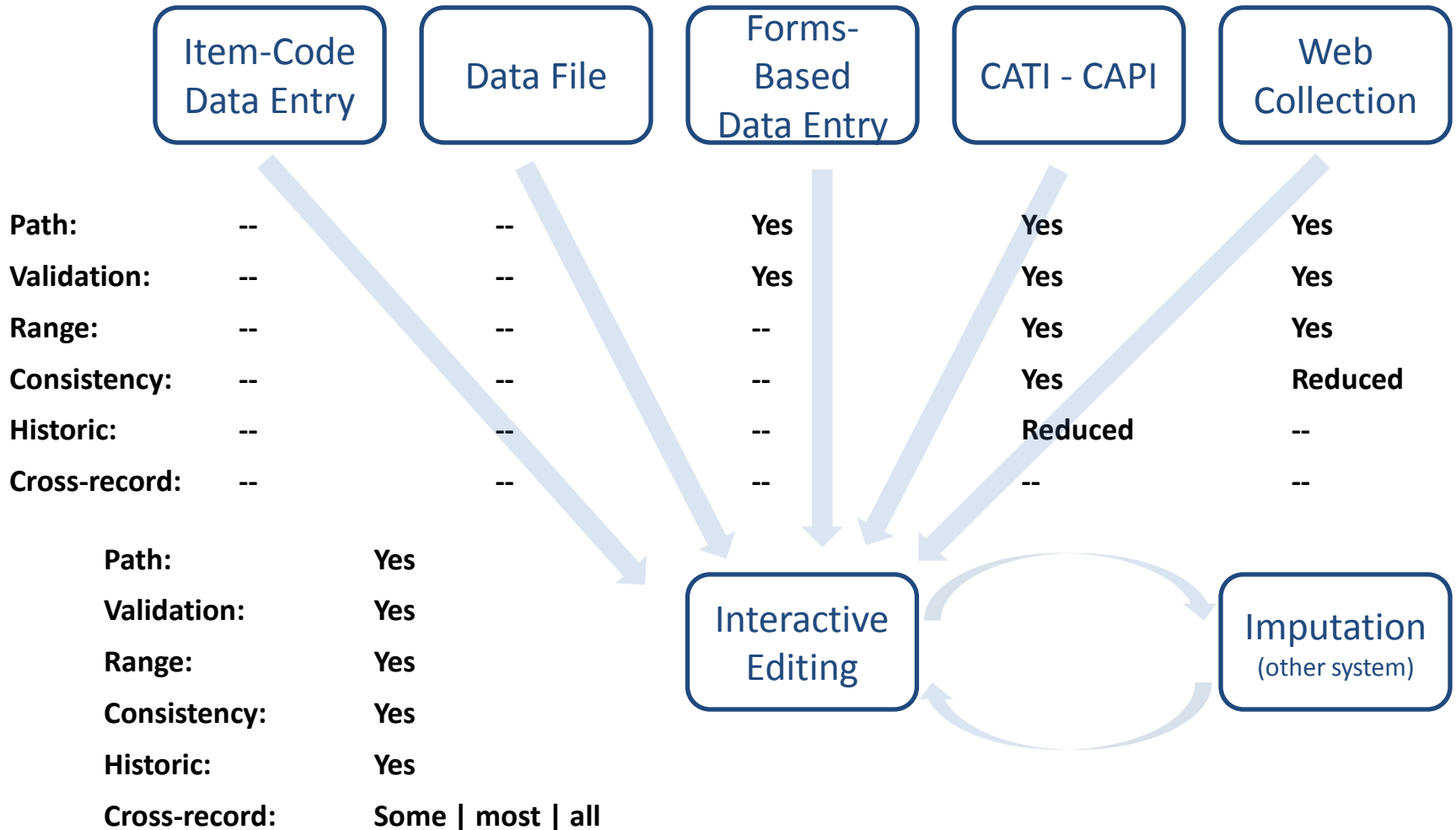
Data Entry Verification

- Blind verification
- ↓
- Consistency edits off
- ↓
- Beep on [heads down]
- ↓
- High speed, everything is on the numeric keypad
 - Get the data entered as fast and accurately as possible

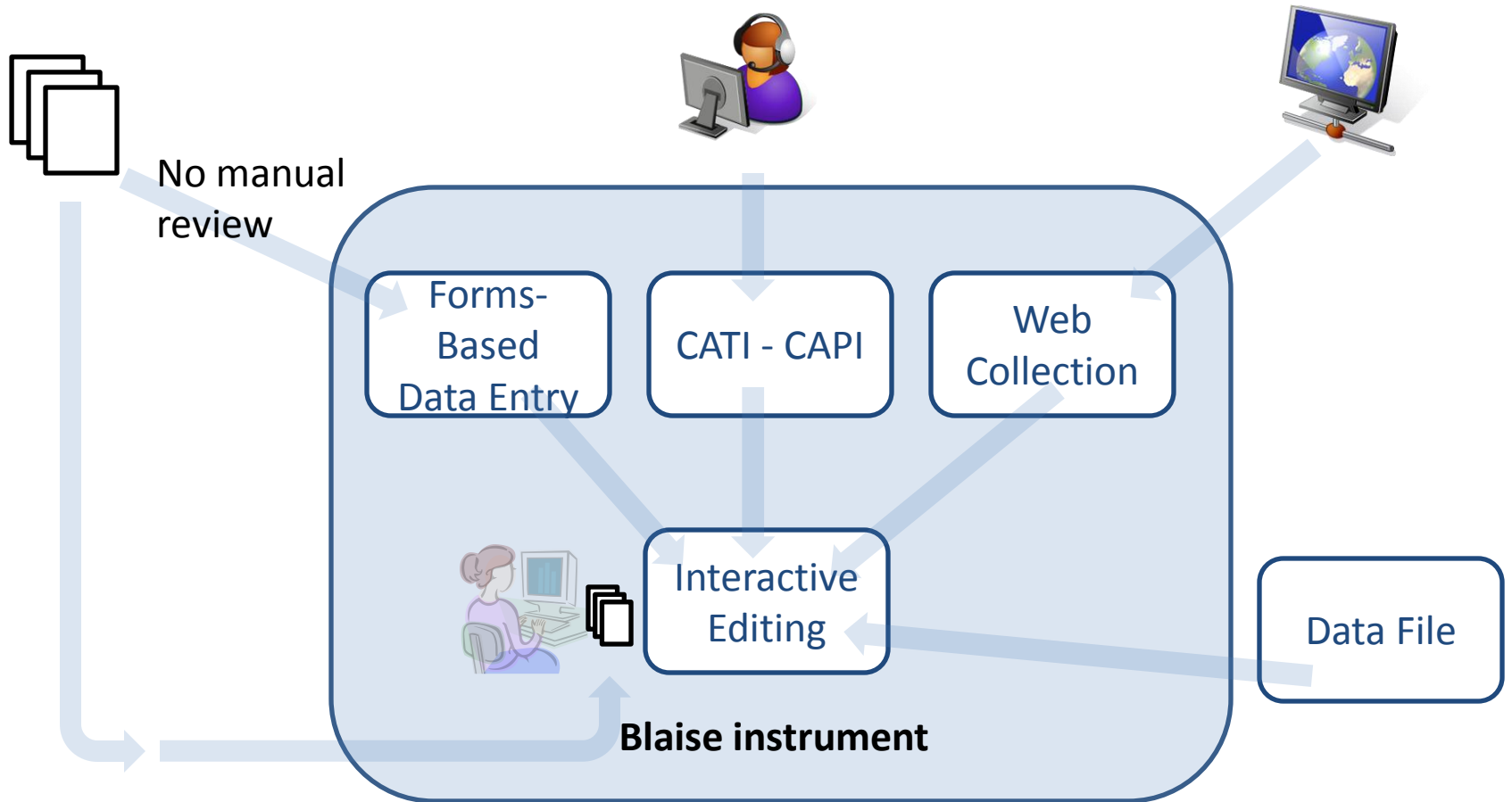
Data Editing Verification

- Open verification
- ↓
- Consistency edits on
- ↓
- Beep off [heads up]
- ↓
- Whatever it takes ensure internal data integrity
 - Operating with a respondent on the phone
 - Considering all edits at once

Implementation of Edits



Role of Blaise Instrument



Power of Interactive Data Editing

- Edits
 - Form-level edits
 - Ensures within-form data integrity
 - All levels of edits
 - Every form is unique
- Productivity
 - Immediate feedback on each datum change
 - Form is cleaned in one session
 - Can have the data provider on the phone
 - When the form is clean, it is clean!
- Verification: Can now require a reason for a change

Log File

| ID | DateTime | User | FieldName | OldStatus | OldValue | NewStatus | NewValue |
|------------|---------------------|------|--------------------------------|-----------------|-------------------|-----------------|----------|
| 3010011013 | 2010-06-24T20:26:09 | Mark | IntLang[1] | status_response | 1 | status_response | 2 |
| 3010011013 | 2010-06-24T20:46:07 | Mark | IntLang[1] | status_response | 1 | status_response | 2 |
| 3010011013 | 2010-06-24T20:46:17 | Mark | IntLang[1] | status_response | 2 | status_response | 1 |
| 3010011013 | 2010-06-24T21:23:53 | Mark | Proxy | status_empty | | status_response | No |
| 3010011013 | 2010-06-24T21:25:15 | Mark | Address.NumCars | status_empty | | status_response | 1 |
| 3010011013 | 2010-06-24T21:27:15 | Mark | Address.HHSize | status_response | 1 | status_response | 2 |
| 3010011013 | 2010-06-24T21:27:24 | Mark | Household.Person[2].FirstName | status_empty | | status_response | LESLEY |
| 3010011013 | 2010-06-24T21:27:26 | Mark | Household.Person[2].SurName | status_empty | | status_response | CROSS |
| 3010011013 | 2010-06-24T21:27:27 | Mark | Household.Person[2].Gender | status_empty | | status_response | Female |
| 3010011013 | 2010-06-24T21:27:28 | Mark | Household.Person[2].Age | status_empty | | status_response | 55 |
| 3010011013 | 2010-06-24T21:27:29 | Mark | Household.Person[2].MarStatus | status_empty | | status_response | Married |
| 3010011013 | 2010-06-24T21:27:30 | Mark | Household.Person[2].Job | status_empty | | status_response | Yes |
| 3010011013 | 2010-06-24T21:27:31 | Mark | Household.Person[2].NumberJobs | status_empty | | status_response | 1 |
| 3010011013 | 2010-06-24T21:27:32 | Mark | Household.Person[2].Language | status_empty | | status_response | ENG |
| 3010011013 | 2010-06-24T21:27:34 | Mark | Household.Person[2].Confirm | status_empty | | status_response | Yes |
| 3010011013 | 2010-06-24T21:27:36 | Mark | Household.Finish | status_empty | | status_response | Continue |
| 3010011013 | 2010-06-24T21:27:39 | Mark | PersonNum[1].Work[1].S | status_empty | | status_response | Continue |
| 3010011013 | 2010-06-24T21:27:41 | Mark | PersonNum[1].Work[1].Employer | status_empty | | status_response | fafafa |
| 3010011013 | 2010-06-24T21:27:42 | Mark | PersonNum[1].Work[1].Locations | status_empty | | status_response | 1 |
| 3010011013 | 2010-06-24T21:28:31 | Mark | Household.Person[2].FirstName | status_empty | | status_response | LESLEY |
| 3010011013 | 2010-06-28T08:30:27 | Mark | IntLang[1] | status_response | 2 | status_response | 1 |
| 3010011013 | 2010-06-28T08:31:22 | Mark | Proxy | status_response | No | status_response | Yes |
| 3010011013 | 2010-06-28T08:32:19 | Mark | Address.Street | status_response | 335 HATCHERIES RD | status_response | AKAKAK |
| 3010011013 | 2010-06-28T08:32:57 | Mark | IntLang[1] | status_response | 2 | status_response | 1 |
| 3010011013 | 2010-06-28T08:33:16 | Mark | Address.Street | status_response | 335 HATCHERIES RD | status_response | GJKGJGJG |
| 3010011013 | 2010-06-28T08:33:42 | Mark | Address.Town | status_response | A,AKAK | status_response | SGFG |
| 3010011013 | 2010-06-28T08:34:11 | Mark | Address.HHSize | status_response | 2 | status_response | 3 |

1:55

OK

Original Entry

National Commuter Survey, example 7.

Forms Answer Navigate Options Help

Number of cars operated in the household?

Enter a numeric value between 0 and 10

| | | | |
|-----------|---------------------|---------|----------------------|
| Label_ | ADDRESS INFORMATION | NumCars | <input type="text"/> |
| Street | 5555 BARRIER ROAD | | |
| Apartment | | | |
| Town | INDUSTON | | |
| State | SAMPLONIA | | |
| PostCode | 10010-1010 | | |
| PhoneNum | 700-300-2000 | | |
| HHSize | 3 | | |

Blind Verification Entry

The screenshot shows a web form titled "National Commuter Survey, example 7. - [Verification]". The form has a menu bar with "Forms", "Answer", "Navigate", "Options", and "Help". The main content area is yellow and contains the text "Address of the household, Town?". Below this is a form with several input fields: "Label_" (ADDRESS INFO), "Street" (5555 BARRIER R), "Apartment", "Town" (Industrian), "State", "PostCode", "PhoneNum", and "HHSize". A dialog box titled "Select Correct Value" is open, asking the user to select the correct value between "Original value: INDUSTON" and "Entered value: INDUSTRIAN". The dialog box also has a "Note" field and "OK" and "Cancel" buttons. Three arrows point to specific elements: one to the title bar, one to the dialog box, and one to the "Town" field.

National Commuter Survey, example 7. - [Verification]

Forms Answer Navigate Options Help

Address of the household, Town?

Verification notice

Displays first and second values

Select Correct Value

Select the correct value, or press Cancel to enter a 3rd value.

Correct value

Original value: INDUSTON

Entered value: INDUSTRIAN

Note

OK Cancel

Enter a text of at most 20 characters

| | |
|-----------|----------------|
| Label_ | ADDRESS INFO |
| Street | 5555 BARRIER R |
| Apartment | |
| Town | Industrian |
| State | |
| PostCode | |
| PhoneNum | |
| HHSize | |

Original data are not shown

Open Verification Editing

The screenshot shows a web browser window titled "National Commuter Survey, example 7.- [Verification]". The main content area displays a question: "Number of persons in the household?". Below this, there is a form with several input fields. A dialog box titled "Select Reason Change" is open, showing the original value (3) and the entered value (4). The dialog box contains a list of reasons for change, with "Client instruction is to make this change" selected. A note field contains the text "Talked to the respondent who forgot about grandma.".

Verification notice

Displays first and second values

Reason and note

Original data are shown

| Label_ | ADDRESS INFO |
|-----------|----------------|
| Street | 5555 BARRIER R |
| Apartment | |
| Town | INDUSTON |
| State | SAMPLONIA |
| PostCode | 10010-1010 |
| PhoneNum | 700-300-2000 |
| HHSize | 4 |