

REDCap – Piping

Piping allows a user to insert previously collected data into a form or survey within the same REDCap project.

Piping can be used to insert data **into** text in the following places:

- Field Label
- Field Note
- Section Header
- Matrix field column headers
- Option labels for multiple choice fields (radio, drop-down, checkbox)
- Slider field labels (i.e. text displayed above slider bar)
- Custom record locking text (if defined, displayed at bottom of form)
- Survey Instructions
- Survey Completion Text
- Survey invitation emails (sent via Participant List or Automated Invitations) - includes both subject and message
- Custom text displayed at top of Survey Queue
- Inside the URL for a survey's 'Redirect to a URL' setting

To pipe in previously collected data, insert the variable name in brackets where you want the collected data to appear.

For example, if the information you want to pipe in is a patient's date of birth, you will use the assigned variable name for that question within brackets:



Variable: date

Date of Request

* must provide value

Collected Data Variable

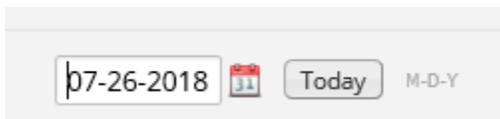


Variable: contact_name

Individual is Requesting Service on [date]

* must provide value

Variable inserted into a question



07-26-2018 Today M-D-Y

Response to question



Individual is Requesting Service on 07-26-2018

* must provide value

The response to the question is piped into another question

Data can be piped **into** the places from the bulleted list above **from** any types of fields.

If you are piping data **from** a multiple choice field (i.e. radio or dropdown), the response will appear as the text (label) value, not the raw data value.

In this example, we are piping in the data associated with the question, “Did the student pass?” (variable name=*pass*). The piped field will appear as:

Variable: *pass* raw values
for this example

Did the student pass?

Yes **1**

No **0**

The response associated with the [*pass*] variable is piped in as:

Variable: *score*

What was the student's test score?

Did the student pass? [*pass*]

The response of the piped in variable appears as:

What was the student's test score?

Did the student pass? Yes

If you are piping data **from** a non-multiple choice field type (i.e. notes field or text field), the response will appear as the literal value.

In this example, we are piping in the data associated with the field, “Name of Individual Requesting Service” (variable name=*contact_name*). The data is being piped into the survey completion text:

Variable: *contact_name*

Name of Individual Requesting Service

* must provide value

Test, Thisisa

Survey Title: Survey

Survey Instructions: [contact_name], Please complete the survey below. Thank you!

Survey

Test, Thisisa, Please complete the survey below.
Thank you!

To cross-event pipe in longitudinal projects, include the event name in brackets before the variable name in brackets. The event name is located on the ‘Define My Events’ page.

For example, "What is your name?" is included in Event 1, but you are working in a form within another Event. The piping should appear as: `[event_1_arm_1][name]`



Arm 1: **Arm 1** [+Add New Arm](#)

Arm name: **Arm 1**

[Rename Arm 1](#)

	Event #	Event Name	Custom Event Label  (optional)	Unique event name  (auto-generated)
 	1	Event 1		event_1_arm_1
 	2	Event 2		event_2_arm_1
Add new event	<input type="text"/>	<input type="text"/> Descriptive name for this event	<input type="text"/> Custom Event Label (optional) Example: [visit_date], [weight] kg	