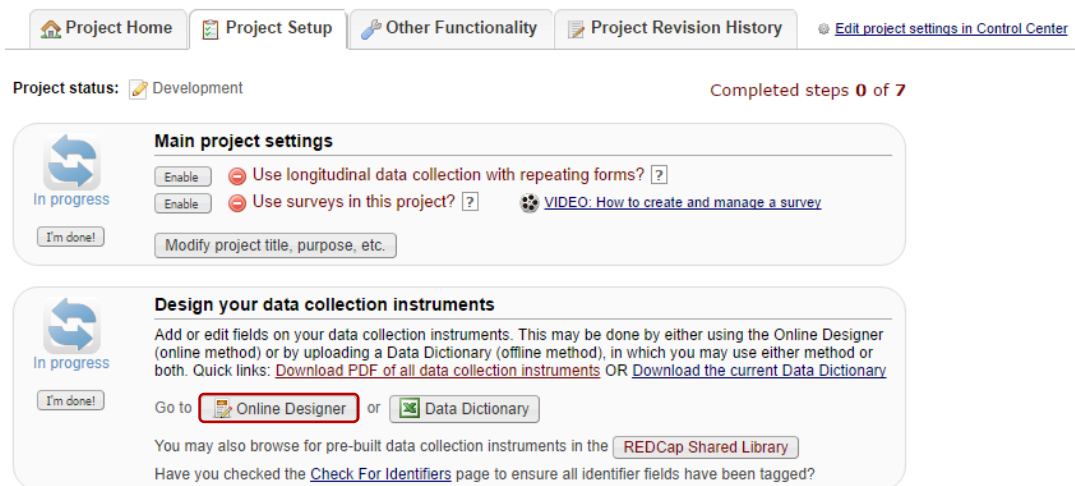


Piping values onto other REDCap Instrument forms

Piping gives you the ability to use data already entered on a form, in other forms within a project. This is used so that users are able to see important information without having to re-enter in information, look up previous forms such as the participants enrolment form for the participants Name and Date of Enrolment. Below is an example of how to do piping, the form names, variable names and event name maybe different to your project. You will need to use your variable names and event variables name for the piping to work within your projects.

Piping No defined Events

1. Log into REDCap
2. Select your required project from the 'My Projects' tab
3. On the 'Project Setup' tab, under 'Design your data collection instruments' select the 'Online Designer' button



Project status: Development Completed steps 0 of 7

Main project settings

Enable Use longitudinal data collection with repeating forms? [?](#)

Enable Use surveys in this project? [?](#) [VIDEO: How to create and manage a survey](#)

Design your data collection instruments

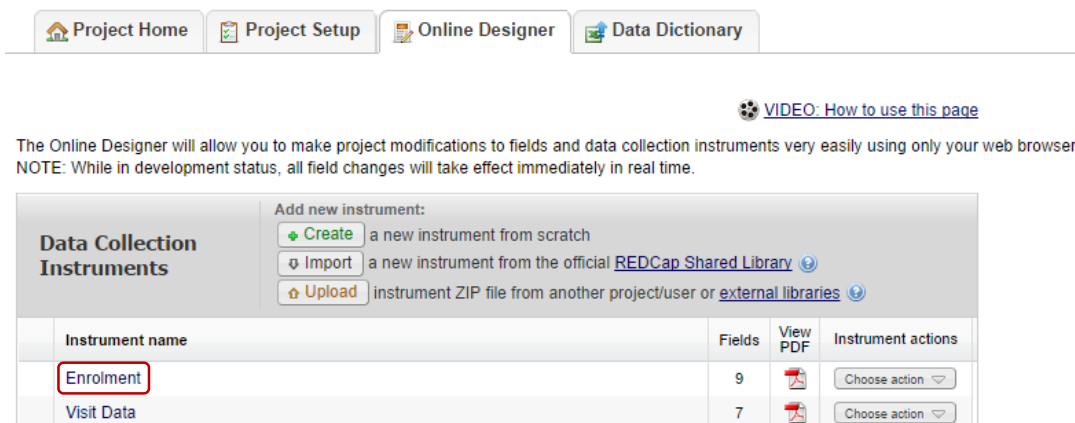
Add or edit fields on your data collection instruments. This may be done by either using the Online Designer (online method) or by uploading a Data Dictionary (offline method), in which you may use either method or both. Quick links: [Download PDF of all data collection instruments](#) OR [Download the current Data Dictionary](#)

Go to or

You may also browse for pre-built data collection instruments in the

Have you checked the [Check For Identifiers](#) page to ensure all identifier fields have been tagged?

4. You need to check what your variable name is for the data you want to display on another form. Select the required form that contains the data field you want to pipe from the 'Data Collection Instruments' table on the 'Online Designer' tab, for example the 'Enrolment' form



[VIDEO: How to use this page](#)

The Online Designer will allow you to make project modifications to fields and data collection instruments very easily using only your web browser.
NOTE: While in development status, all field changes will take effect immediately in real time.

Data Collection Instruments

Add new instrument:

- a new instrument from scratch
- a new instrument from the official [REDCap Shared Library](#)
- instrument ZIP file from another project/user or [external libraries](#)

Instrument name	Fields	View PDF	Instrument actions
<input checked="" type="text" value="Enrolment"/>	9		<input type="button" value="Choose action"/>
Visit Data	7		<input type="button" value="Choose action"/>

Please Note: You can right mouse click and open the form in a new window, as we will be coming back to the form list to access the form we can to put the piping onto.

- Check the name of your variable/s, in this example we are going to want to pipe the participants Name and Date of Enrolment onto the Visit form.

[Return to list of instruments](#)

Current instrument: **Enrolment**

[Preview instrument](#)

- Select the **'Return to list of instruments'** button or if you opened this form in a new tab, go back to the tab that shows the list of your Instruments.

- In the **'Data Collection Instruments'** open your required form i.e. the Visit Data form

Data Collection Instruments		Add new instrument:		
		+ Create	a new instrument from scratch	
		Import	a new instrument from the official REDCap Shared Library	
		Upload	instrument ZIP file from another project/user or external libraries	
Instrument name	Fields	View PDF	Instrument actions	
Enrolment	9		Choose action	
Visit Data	7		Choose action	

- Select the **'Add Field'** button at the top of the form. **Please note:** you can place the field where ever you feel is appropriate for your forms, they do not have to be the first field on the form

Current instrument: **Visit Data**

[Preview instrument](#)

- Select the **'Begin New Section'** from the **'Field Type'** Dropdown list

Add New Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the [Field Types video \(4 min\)](#).

Field Type: Begin New Section (with optional text)

Field Label [How to use Piping](#)

Current Visit
Name: [name]
Date of Enrollment: [enrol_date]

Save Cancel

- In the **'Field Label'** text box, enter in the required information. To have the required variables data shown on this form you will need to write this as per the below example with your variable names. **Please Note:** You must use the square brackets around the variable name.

Field Label [How to use Piping](#)

Current Visit
Name: [name]
Date of Enrollment: [enrol_date]

- Select the **'Save Button'**, your section header should look similar to the below

Current Visit
Name: [name]
Date of Enrollment: [enrol_date]

- Under **'Data Collection'** on the left, select **'Add/Edit Records'** to check how this looks on your form, below is an example of the piping on the data entry form

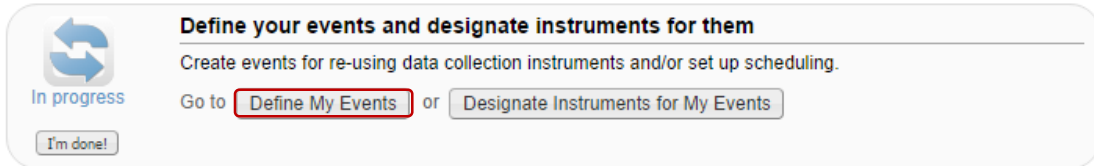
Visit Data

Editing existing Record ID P1001

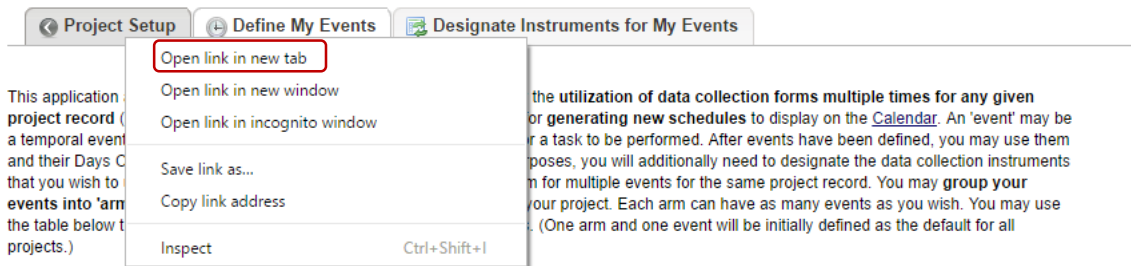
Record ID	P1001
Current Visit Name	Sue Smith
Date of Enrollment	10-11-2016

Piping with defined Events

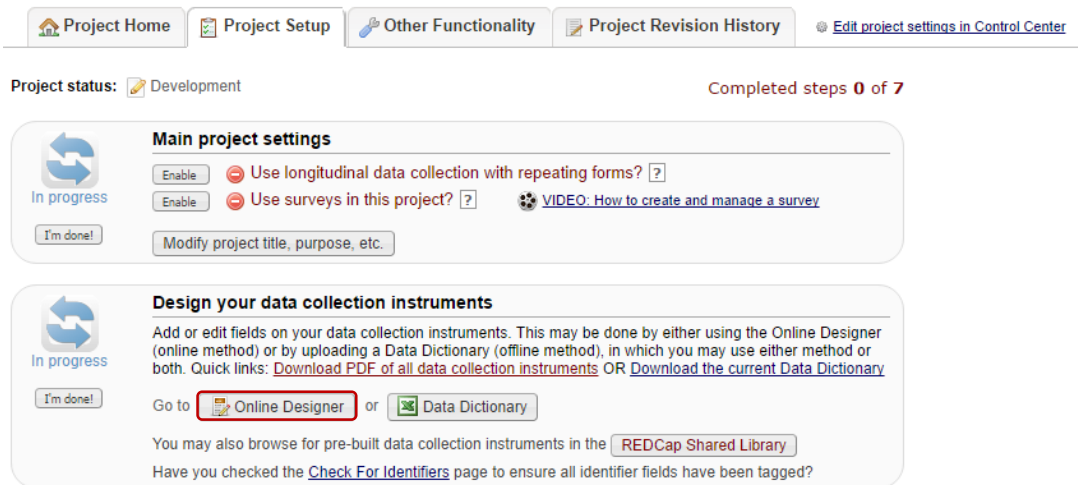
1. Log into REDCap
2. Select your required project from the 'My Projects' tab
3. On the 'Project Setup' tab, under 'Define your events and designate instruments for them' select the 'Define My Events' button



4. On the Define My events window, right mouse click onto the 'Project Setup' tab and select 'Open in New tab'. We want to keep the Events page open so we can refer back to this, as we need to know the event variable name for the form we want to pipe a variable from.



5. Select the new tab opened in your browser, under 'Design your data collection instruments' select the 'Online Designer' button



- You need to check what your variable name is for the data you want to display on another form. Select the required form that contains the data field you want to pipe from the **'Data Collection Instruments'** table on the **'Online Designer'** tab, for example the **'Enrolment'** form



[VIDEO: How to use this page](#)

The Online Designer will allow you to make project modifications to fields and data collection instruments very easily using only your web browser. NOTE: While in development status, all field changes will take effect immediately in real time.

Instrument name	Fields	View PDF	Instrument actions
Enrolment	9		Choose action ▾
Visit Data	7		Choose action ▾

Please Note: You can right mouse click and open the form in a new window, as we will be coming back to the form list to access the form we can to put the piping onto.

- Check the name of your variable/s, in this example we are going to want to pipe the participants Name and Date of Enrolment onto the Visit form.

[Return to list of instruments](#)

Current instrument: **Enrolment**

[Preview instrument](#)

Variable: record_id

Record ID

NOTE: The field above is the record ID field and thus cannot be deleted or moved. It can only be edited.

[Add Field](#) [Add Matrix of Fields](#)

Variable: enrol_date

Enrolment date Today D-M-Y

[Add Field](#) [Add Matrix of Fields](#)

Variable: name

Name

- Select the **'Return to list of instruments'** button or if you opened this form in a new tab, go back to the tab that shows the list of your Instruments.

9. In the 'Data Collection Instruments' open your required form i.e. the Visit Data form

Data Collection Instruments

Add new instrument:

+ Create a new instrument from scratch

↕ Import a new instrument from the official [REDCap Shared Library](#)

📁 Upload instrument ZIP file from another project/user or [external libraries](#)

Instrument name	Fields	View PDF	Instrument actions
Enrolment	9		Choose action ▾
Visit Data	7		Choose action ▾

10. Go to the tab where your **Events** are defined and opened on, take note of the 'Unique event name' i.e. we are wanting data from the enrolment form which is against the **Baseline** event, this events unique name will be 'baseline_arm_1'

	Event #	Days Offset	Offset Range Min / Max	Event Name	Unique event name (auto-generated)
	1	1	-0/+0	Baseline	baseline_arm_1
	2	7	-0/+0	Follow up	follow_up_arm_1
Add new event		<input type="text"/> Days	- <input type="text"/> + <input type="text"/>	<input type="text"/>	
		Convert from other units	Descriptive name for this event		

11. Go back to the browser tab that has your required form opened, select the 'Add Field' button at the top of the form. **Please note:** you can place the field where ever you feel is appropriate for your forms, they do not have to be the first field on the form

Current instrument: **Visit Data** Preview instrument

Variable: visit_date

Add Field Add Matrix of Fields

Date of Visit Today D-M-Y

12. Select the 'Begin New Section' from the 'Field Type' Dropdown list

Edit Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the [Field Types video \(4 min\)](#).

Field Type: Begin New Section (with optional text)

Field Label [How to use Piping](#)

This Visit
Name: [baseline_arm_1][name]
Enrolled on [baseline_arm_1][enrol_date]

Save Cancel

13. In the 'Field Label' text box, enter in the required information. To have the required variables data shown on this form you will need to write this as per the below example with your event variable name and data variable names. **Please Note:** You must use the square brackets around the variable name.

Field Label [How to use Piping](#)

This Visit
Name: [baseline_arm_1][name]
Enrolled on [baseline_arm_1][enrol_date]

14. Select the 'Save Button', your section header should look similar to the below

This Visit
Name: [baseline_arm_1][name]
Enrolled on [baseline_arm_1][enrol_date]

15. Under 'Data Collection' on the left, select 'Add/Edit Records' to check how this looks on your form, below is an example of the piping on the data entry form

Visit Data

Editing existing Record ID P1000

Event Name: **Baseline**

Record ID	P1000
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This Visit
Name: Sandra Jones
Enrolled on 11-11-2016