

Creative Uses of REDCap Auswahl

REDCapCon 2020 Review

TMF REDCap UserGroup 02.10.2020

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REDCapCon 2020 Conference Materials

REDCapCon 2020 was held online September 22-24. We thank all of the presenters who shared their time and knowledge with us during the conference.

Please find below the general and breakout session slides and videorecording links. Please feel free to contact the presenters directly with any questions. While we are not providing their contact information on this page, you can connect with most folks via the [Community website](#).

Quelle

alle Beispiele kopiert
aus REDCapCon 2020
Creative Uses 1 – 3

Total downloads: 1,415 -- filter by day -- -- filter by track type -- -- filter by session type -- [reset](#)

Session title	Sub-title:	Track type:	Leader name/institutional affiliation	Download slides	Video recording link:	Videorecording Passcode:	Length (in minutes):	Session Description:	Views / Downloads
Introductory Remarks & Why This Matters	REDCap 2020 + REDCap Consortium + MVP Award		Paul Harris/Vanderbilt University	Download	Video link	YdT.316+	23	REDCap 2020 + REDCap Consortium + MVP Award	80
Inspiring Use Case	A real-time registry to track breast cancer patients across Boston	Admin	Amy LeClair/Tufts Medical Center Clara Chen/Boston University School of Public Health	Download	Video link	YdT.316+	25	A real-time registry to track breast cancer patients across Boston	58
Panel: Informative Session	on Training and Support: Innovative Scalable Models	Both Tech & Admin	Scott Carey/Johns Hopkins University Leila Deering/Marshfield Clinic Research Institute	Download	Video link	YdT.316+	26	Training and Support: Innovative Scalable Models	39
Panel: Hot Topic session	eConsent	Admin	Colleen Lawrence/Vanderbilt University Medical Center Sue Lowry/UMN	Download	Video link	YdT.316+	27	What you should know about using the REDCap eConsent Module.	48
Creative Uses of REDCap - Day 1		Both Tech & Admin	Amanda Miller/University of Colorado Ashleigh Lewis/University of Washington	Download	Video link	YdT.316+	25	Daniel Foley/Ascension (with content from Leila Deering and Pamela Marples) joins Amanda and Ashleigh in presenting these Creative Uses: -Unique Audio Files per Record - Conditional Piping - Gift Card Randomization Model - Creating Dynamic URLs to link across projects - Custom QR Codes	75
VUMC Presents What's New,	The REDCap Platform	Both Tech & Admin	Rob Taylor/Vanderbilt University Medical Center	Download	Video link	YdT.316+	29	REDCap	58

Quelle: https://redcap.vanderbilt.edu/plugins/redcap_consortium/redcapcon_materials.php

Creative Use

Amanda Miller, University of Colorado Denver | Anschutz

Ashleigh Lewis, ITHS - University of Washington

Greg Neils, Columbia University

Dan Foley, Ascension Health

Creative Use

Creative Use ground rules:

- Use existing functionality in REDCap
- No advanced coding outside of copy/paste

You can't use:

- Plugins
- Hooks
- External modules
- Other "Andy Martin" shenanigans (dt. Streiche, Spielereien)



Creative Uses of REDCap - Auswahl

- Creative Uses 1
 - Conditional Piping
 - Custom QR Codes - Using & Generating them within REDCap
 - Random Number Generator
- Creative Uses 2
 - Piping [record-name] into URLs for alert
 - Password Locking Public Surveys
 - Rotate Matrix Headers with HTML
 - Field Notes in Matrices
 - Recursive Branching Logic
- Creative Uses 3
 - Create a Custom Image Map
 - SQL with Action Tags

Creative Uses of REDCap 1

Conditional Piping

Leila Deering, Marshfield Clinic Research Institute

Pamela Marples, University of Alberta

From the Community Site



Conditional Piping

Problem:

There is a survey where both parents and children will be responding. Questions should ask “your” or “your child’s,” depending on the child’s age

Conditional Piping

Solution:

- Page 1 of the survey asks who is completing it
- Page 2 has a hidden field with the same coding, but with the labels “your and “your child’s” instead. @DEFAULT pipes the correct value and @HIDDEN-SURVEY hides the field
- Pipe the label of the hidden field into
- the rest of the questions



Conditional Piping

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

      *Variable: who* [How to embed a field elsewhere](#)

Who is completing the survey? Parent
 Child [reset](#)

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

Main Survey

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

      *Variable: who2* [How to embed a field elsewhere](#)

Who is completing 2 your child's
 your [reset](#)

Conditional Piping

Instrument: Conditional Piping Page1 (conditional_piping_page1)  Enabled as survey ^ Collapse									
	1	record_id	Record ID		text				
 	2	who	Section Header: Who is completing the survey?		radio <table border="1"><tr><td>1</td><td>Parent</td></tr><tr><td>2</td><td>Child</td></tr></table>	1	Parent	2	Child
1	Parent								
2	Child								
 	3	who2	Section Header: <i>Main Survey</i> Who is completing 2		radio <table border="1"><tr><td>1</td><td>your child's</td></tr><tr><td>2</td><td>your</td></tr></table> Field Annotation: @DEFAULT="[who:value]" @HIDDEN-SURVEY	1	your child's	2	your
1	your child's								
2	your								
 	4	age	What is [who2] age?		text (number)				

Conditional Piping



Question Display Format

One page or multiple pages? Section headers, which begin new sections on the instrument, will serve as the page break in a multi-page survey, in which each page will begin with a section header.

One section per page (multiple pages) ▾

- Display page numbers at top of survey page
- Hide the 'Previous Page' button (i.e., Back button) on the survey page
(prevents respondents from going back to previous pages)

Conditional Piping

1) Who is completing the survey?

Parent

Child

reset

Main Survey

2) What is your child's age?

3) What is your child's favorite color?

Red

Blue

Yellow

reset

Custom QR Codes

Using & Generating them within REDCap

Daniel Foley BA



Problem

- 1 Survey participants incorrectly filling out surveys that originate with a touchless QR code
- 2 Generating multiple custom QR codes to “pre-fill” survey data is time consuming



Solution

- 1 Generate a custom QR code that fills out field data automatically.
- 2 Use REDCap to generate custom QR codes via API call to a QR code web service

Why would I use this?

Touchless surveys are helpful in many situations.

Custom QR codes allow your participants to enter in data that they may not know off hand



Examples

- Patient/Visitor Check-in
- Patient Experience surveys at physician offices
- Hand Hygiene observations
- Patient rounds tracking
- Inventory tracking

Problem 1

Open REDCap survey
Collects location & opinion data

Issue: Survey participants often get location data wrong

Location field: [place]

The screenshot shows a web form titled "Location Dependent Opinion Survey" with a "Resize font" option in the top right. Below the title is the instruction "Please tell us your location and opinion". The form is divided into two main sections: "Location" and "Opinion", each with an orange header bar. In the "Location" section, the question "Where are you" is followed by three radio button options: "Earth", "The Moon", and "Mars". A "reset" link is located to the right of these options. In the "Opinion" section, the question "How do you like it here?" is followed by two radio button options: "It's great" and "It's not so great". A "reset" link is also present to the right. At the bottom of the form is a "Submit" button.

Survey URL QR Code

<https://redcap.ascension.org/ahnat/surveys/?s=FJ3KH7EKYN>



Solution 1

Open REDCap survey URL
Collects location & opinion data

Location [place] is a dropdown or radio field

Solution: Create a custom QR code with location data in URL to pre-fill [place]=Earth

Website: <https://www.qr-code-generator.com/>

Location Dependent Opinion Survey Resize font: [icon] [icon]

Please tell us your location and opinion

Location

Where are you

Earth

The Moon

Mars

reset

Opinion

How do you like it here?

It's great

It's not so great

reset

Submit

Custom Survey QR Code for Earth

<https://redcap.ascension.org/ahnat/surveys/?s=FJ3KH7EKYN&location=1>



Problem 2

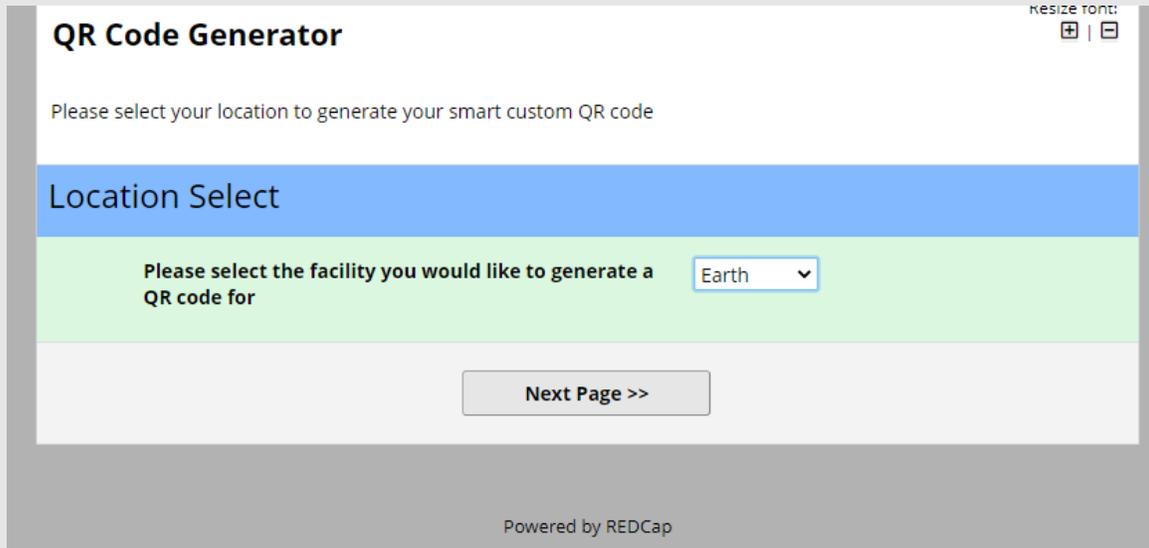
Example: A medical group would like to perform satisfaction surveys at all 50 of their clinics.

Issue: Generating and delivering custom QR codes for each clinic would be time consuming

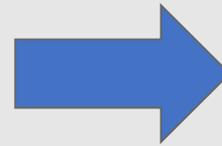


Solution 2

User Experience



The screenshot shows a web form titled "QR Code Generator". At the top right, there are "resize font" controls. Below the title, a message says "Please select your location to generate your smart custom QR code". A blue bar labeled "Location Select" is followed by a green bar containing the text "Please select the facility you would like to generate a QR code for" and a dropdown menu with "Earth" selected. A "Next Page >>" button is at the bottom. The footer says "Powered by REDCap".



The screenshot shows a survey page titled "Location Satisfaction Survey". It says "Please take our survey by scanning this QR code." and "Your input is very helpful to our project". Below this, it says "Location: Earth" and displays a large QR code. A "Submit" button is at the bottom.

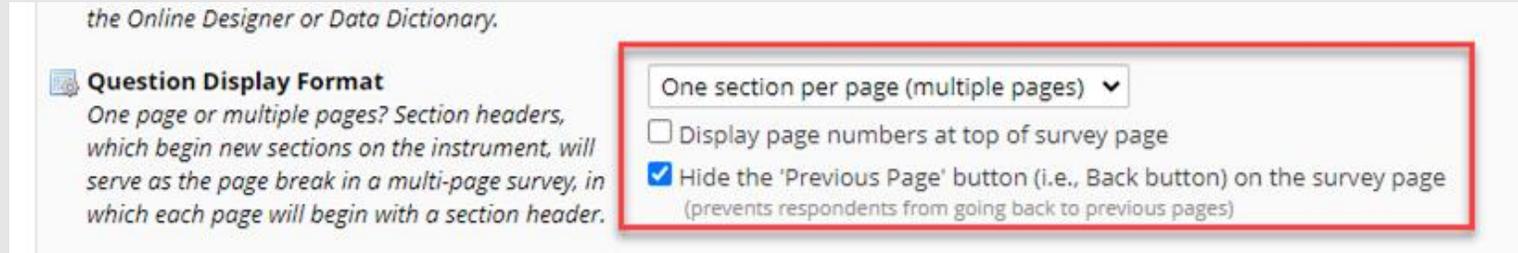
Each clinic would come to this survey and select their



A custom QR code is generated for the satisfaction survey which is associated with that clinic location.

This QR code would be printed and posted

Solution 2



Solution:

- Create a separate REDCap survey to generate a custom URL and QR code for the satisfaction survey
- Select survey option for Question Display Format to be **one section per page**
- Create identical **dropdown or radio field** [place_select] as the first projects [place] field followed by a **page separation header**
- Create a **text field** [qr_img] to generate custom QR code image HTML element via @DEFAULT action tag
- Use Descriptive field to display image using [qr_img] piping
- Instruct offices to fill out survey and print QR code

Solution 2

Solution Detail:

[qr_img] field Action Tag

```
@DEFAULT=''
```

■ API Target Syntax

■ REDCap Elements & Syntax

■ Custom Location Data

■ HTML



Notes

- QR Code API requires URL encoding of Survey link data
- Url encoding example: & = %26
- If you want to encode multiple fields - separate with %26
- Dropdown Raw values must be in compatible URL format
- Numeric Raw Values work best

Example with project XML

<https://redcap.ascension.org/ahnat/surveys/?s=R33LMRF7XP>

Random Number Generator



Random Number Generator

Admins Only!

Generate a single random number: `if([rnd]="", Math.random(), [rnd])`

Generate a number in a range:

`rounddown([rnd] * ([max] - [min] + 1) + [min], 0)`

Copy and paste the fields; courtesy of Luke Stevens



Random Number Generator

For ranges, hardcoded or specify in project

The screenshot displays the REDCap Random Number Generator interface, which is organized into three distinct configuration panels. Each panel includes a set of icons (edit, copy, paste, add, delete) and a variable name. The first panel, labeled 'Variable: min', features a 'Lower bound' text input field with a red asterisk and the text '* must provide value' below it. The second panel, labeled 'Variable: max', features an 'Upper bound' text input field with the same red asterisk and text. The third panel, labeled 'Variable: calcrnd', features a text input field with the label 'Random integer between [min] and [max]' and a 'View equation' link to its right. Each panel is separated by a horizontal line and includes 'Add Field' and 'Add Matrix of Fields' buttons at the bottom.

Creative Uses of REDCap 2

Piping [record-name] into URLs for alert



Piping [record-name] into URLs for alert

Problem:

In a longitudinal project, the research wants an alert to go out when a survey is complete and it is a certain number of days after the appointment to remind them to fill out a data entry form in a different event



Piping [record-name] into URLs for alert

Solution:

Create an alert to go out when the logic is true. In the “message” section, create a link with the URL for proper form in the proper event. Replace `id=###` in the URL with `id=[record-name]`



Piping [record-name] into URLs for alert

Record ID 1

 Data Collection Instrument	Visit 1	Visit 2	Visit 3
Demographics	<input checked="" type="radio"/>		
Chart review	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit survey (survey)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Delete all data on event:	<input checked="" type="checkbox"/>		

Piping [record-name] into URLs for alert

Title of this alert:

Visit 2 Chart Review Reminder

👉 STEP 1: Triggering the Alert

A) How will this alert be triggered?

- When a record is saved on a specific form/survey*
- When a record is saved on a specific form/survey with conditional logic*
- Using conditional logic during a data import or data entry

B) Trigger the alert...

when the following logic becomes true:

`datediff([visit_1_arm_1][visit_date],"today","d",true)=10`

(e.g., `[enrollment_arm_1][age] > 30` and `[enrollment_arm_1][sex] = "1"`)

[🔗 How to use 'stop logic' to disable a scheduled alert](#)

Ensure logic is still true before sending notification? ?

C) Trigger Limit: Trigger the alert...

only once per record (i.e., never re-trigger) ▼

(The trigger limit determines where and to what extent within a record that the alert will be triggered.)

Piping [record-name] into URLs for alert

Email To:

* must provide value

+ [Show more options](#)

Subject:

* must provide value

Message:

* must provide value

Prevent piping of data for Identifier fields [?](#)

× [visit_1_arm_1][email] "Email" (Visit 1)

Or manually enter emails: jane@example.com; john@mysite.org

Chart Reminder

Paragraph **B** *I*        

Remember to fill out the chart review [here!](#)

URL: [https://redcap.ucdenver.edu/redcap_v10.0.15/DataEntry/index.php?pid=19345&id=\[record-name\]&event_id=198384&page=chart_review](https://redcap.ucdenver.edu/redcap_v10.0.15/DataEntry/index.php?pid=19345&id=[record-name]&event_id=198384&page=chart_review)



Password Locking Public Surveys



Password Locking Public Surveys

Problem:

You need to use the public survey link, but you want to make sure only your participants can access the survey



Solution:

Use a public survey landing page and use the survey queue to require a password to access the rest of the queue

Don't forget to mask the password!

Activated?	Survey Title	Display survey in the Survey Queue when...	Auto start?
 Not activated <input type="button" value="Activate"/>	"Welcome: Login"	<input type="checkbox"/> When the following survey is completed: -- select a survey -- AND <input type="checkbox"/> When the following logic becomes true: How to use this <input type="text"/> (e.g., [age] > 30 and [sex] = "1") Test logic with a record: -- select record --	<input type="checkbox"/>
 Activated <input type="button" value="Deactivate"/>	"Actual Survey"	<input checked="" type="checkbox"/> When the following survey is completed: "Welcome: Login" AND <input checked="" type="checkbox"/> When the following logic becomes true: How to use this [password]="password" (e.g., [age] > 30 and [sex] = "1") Test logic with a record: -- select record --	<input checked="" type="checkbox"/>

Save

Cancel

Password Locking Public Surveys

Don't forget to password mask!

Field Label Use the Rich Text Editor [?](#)

Please enter the password:

Action Tags / Field Annotation (optional)

@PASSWORDMASK

Learn about [@ Action Tags](#) or [using Field Annotation](#)

Rotate Matrix Headers with HTML

Rotate Matrix Headers with HTML

Matrix Column Choices

Choices (one choice per line)

```
1, <div style="transform: rotate(-90deg); -  
webkit-transform: rotate(-90deg); -moz-  
transform: rotate(-90deg); -ms-  
transform: rotate(-90deg); white-space: nowrap;  
position: relative; top: -40px; left: -7px; margin-  
top: 50px;"> Like very much</div>
```

[How do I manually code the choices?](#)

```
<div style="transform: rotate(-90deg);  
-webkit-transform: rotate(-90deg); -  
moz-transform: rotate(-90deg); -ms-  
transform: rotate(-90deg); white-  
space: nowrap; position: relative; top:  
-40px; left: -7px; margin-top: 50px;">  
</div>
```

You may have to play with the margins!

Rotate Matrix Headers with HTML

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

   *Matrix group: headers*

What direction do you like your matrix headers?

	Like very much	Like a little	Don't like
 Variable: vert	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vertical	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
reset			
 Variable: horz	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Horizontal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
reset			
 Variable: diag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diagonal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
reset			

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

Field Notes in Matrices

Joe Wick from Rob's Corner

Problem:

Sometimes you want to clarify your matrix variables with field notes but the REDCap user interface doesn't allow this.



Solution:

You can add fields notes in matrices if you use the Data Dictionary instead of the UI.

	A	B	C	D	E	F	G
1	Variable /	Form Nam	Section He	Field Type	Field Labe	Choices, C	Field Note
2	record_id	field_notes_in_matr		text	Record ID		
3	wski	field_note	How awes	radio	Skiing	1, Not awe	Water Skiing
4	sski	field_notes_in_matr		radio	Skiing	1, Not awe	Snow Skiing
5	soccer	field_notes_in_matr		radio	Football	1, Not awe	Soccer
6	usfoot	field_notes_in_matr		radio	Football	1, Not awe	American Football
7	ausfoot	field_notes_in_matr		radio	Football	1, Not awe	Aussie Football
8							

Matrix group: sports

How awesome is each sport?

Variable: wski

	Not awesome at all	Kind of awesome	Definitely awesome	Totally awesome!
Skiing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Variable: szki				
Skiing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Variable: soccer				
Football	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Variable: usfoot				
Football	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Variable: ausfoot				
Football	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How awesome is each sport?

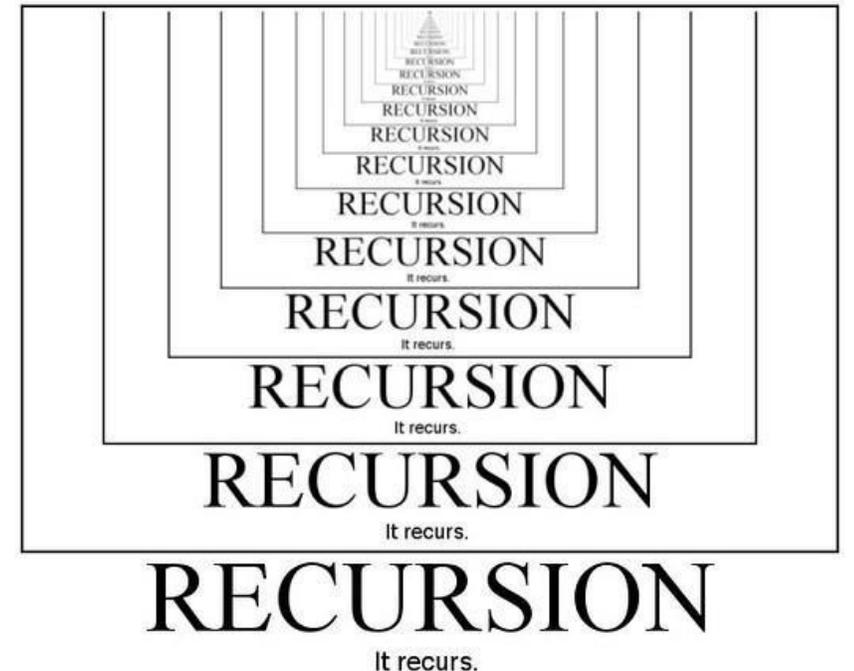
Variable: wski

	Not awesome at all	Kind of awesome	Definitely awesome	Totally awesome!
Skiing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water Skiing				
Variable: sski				
Skiing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Snow Skiing				
Variable: soccer				
Football	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Soccer				
Variable: usfoot				
Football	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
American Football				
Variable: ausfoot				
Football	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aussie Football				

Recursive Branching Logic

When does it makes sense for a field to have branching logic that includes itself?

credit: Andy M on Rob's corner



Recursive branching logic: ingredients

1. A project with existing data
2. A newly implemented branching logic statement
3. “hidden” field that already contains data (that you don’t want to lose)

The Obvious...

What are the best cookies?

- Chocolate chip
- Snickerdoodles
- Double chocolate
- Other

reset



Variable: cookies

[How to embed a field elsewhere](#)

What are the best cookies?

- Chocolate chip
- Snickerdoodles
- Double chocolate
- Other {cookies_oth}

reset

Add Field

Add Matrix of Fields



Variable: cookies_oth

Branching logic: [cookies] = '4'

Field is embedded elsewhere on page ↑

Other cookies

The log...

	Snack	Date
Day 1	<input type="text"/>	<input type="text"/> Now D-M-Y H:M
Day 2	<input type="text"/>	<input type="text"/> Now D-M-Y H:M

Variable: snacks How to embed a field elsewhere

	Snack	Date
Day 1	{snack1:icons}	{snack1date:icons}
Day 2	{snack2:icons}	{snack2date:icons}

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

Variable: snack1 Field is embedded elsewhere on page ↑

Snack 1

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

Variable: snack1 date Field is embedded elsewhere on page ↑

Snack 1 Date Now D-M-Y H:M

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

Variable: snack2 Field is embedded elsewhere on page ↑

Snack 2

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

Variable: snack2 date Field is embedded elsewhere on page ↑

Snack 2 Date Now D-M-Y H:M

Embedding inside of embedding

What types of dessert do you like?

- Ice Cream
 - Chocolate
 - Vanilla
 - Strawberry
 - Mint
 - Lemon
 - Other

reset



- Pastries
 - Eclairs
 - Croissant
 - Cannoli
 - Cream horn
 - Other

reset

- Cakes
- Pies



Variable: like

[How to embed a field elsewhere](#)

What types of dessert do you like?

- Ice Cream
{flavor}
- Pastries
{pastry}
- Cakes
{cakes}
- Pies
{pies}

Add Field

Add Matrix of Fields



Variable: flavor *Branching logic: [like(1)] = '1'*

Field is embedded elsewhere on page [↑](#)

Best flavor

- Chocolate
- Vanilla
- Strawberry
- Mint
- Lemon
- Other {ic_oth}

reset

Add Field

Add Matrix of Fields



Variable: ic_oth *Branching logic: [flavor]='99'*

Field is embedded elsewhere on page [↑](#)

Other ice cream

Add Field

Add Matrix of Fields



Variable: pastry *Branching logic: [like(2)] = '1'*

Field is embedded elsewhere on page [↑](#)

Best Pastry

- Eclairs
- Croissant
- Cannoli
- Cream horn
- Other {pastry_oth}

reset

Specifying Units

Preferred cake size

Inches Centimeters

reset

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:

Field Label Use the Rich Text Editor ?

Preferred cake size

Variable Name (utilized in logic, calcs, and exports)

Enable auto naming of variable based upon its Field Label?

ONLY letters, numbers, and underscores

How to use

Validation? (optional)

- OR -

Required?* No Yes

* Prompt if field is blank

Identifier? No Yes

Does the field contain identifying information (e.g., name, SSN, address)?

Custom Alignment

Align the position of the field on the page

Field Note (optional)

Small reminder text displayed underneath field

Action Tags / Field Annotation (optional)

Learn about [@ Action Tags](#) or [using Field Annotation](#)

Creative Uses of REDCap 3

Create a Custom Image Map

(without Andy Martin or Philip Chase)



Problem:

A study team wants to create their own image map. Either this image map is not in the external module and they can't wait for you to submit a request or you are not able to use external modules.

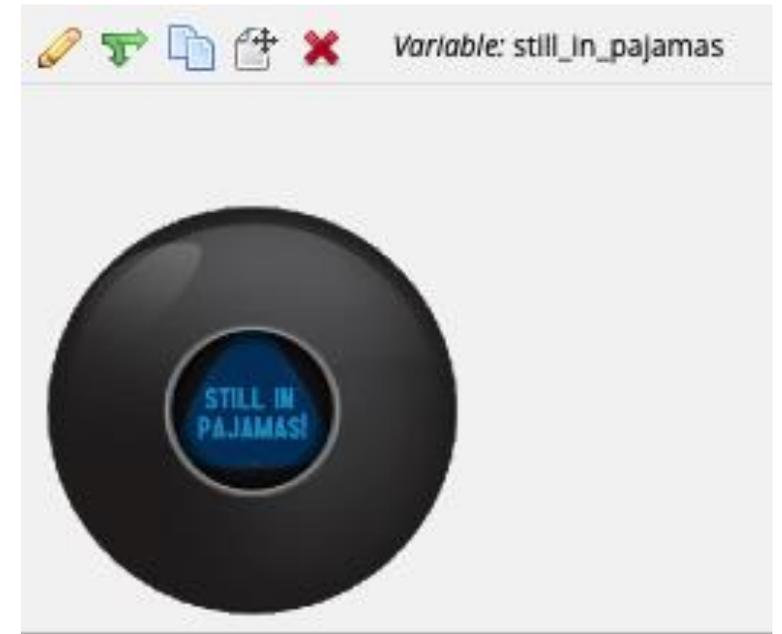
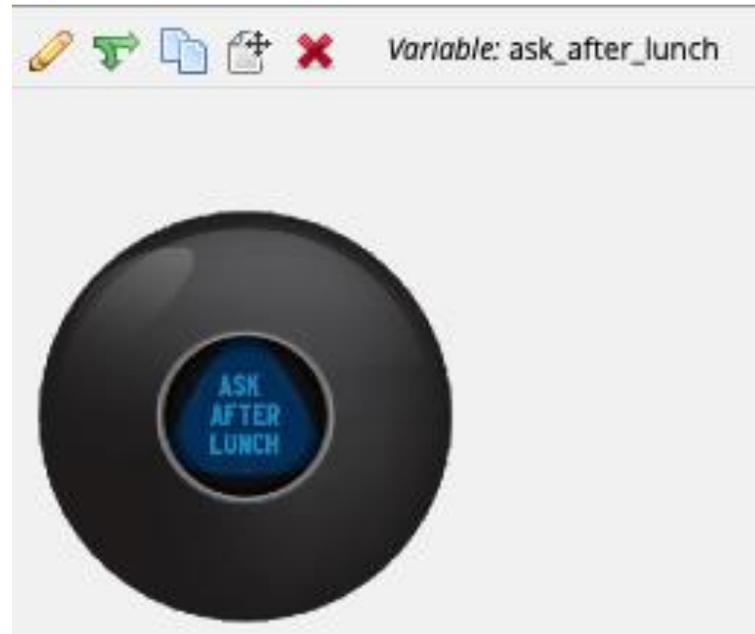
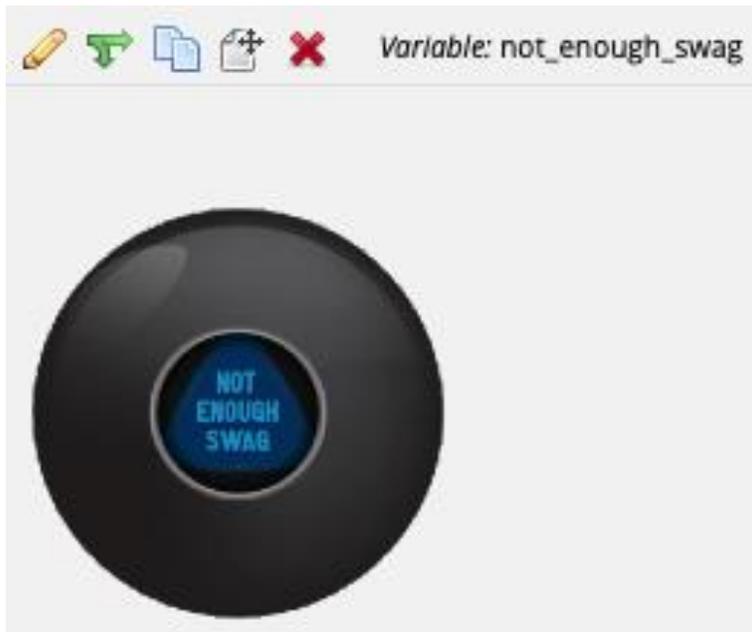


Solution:

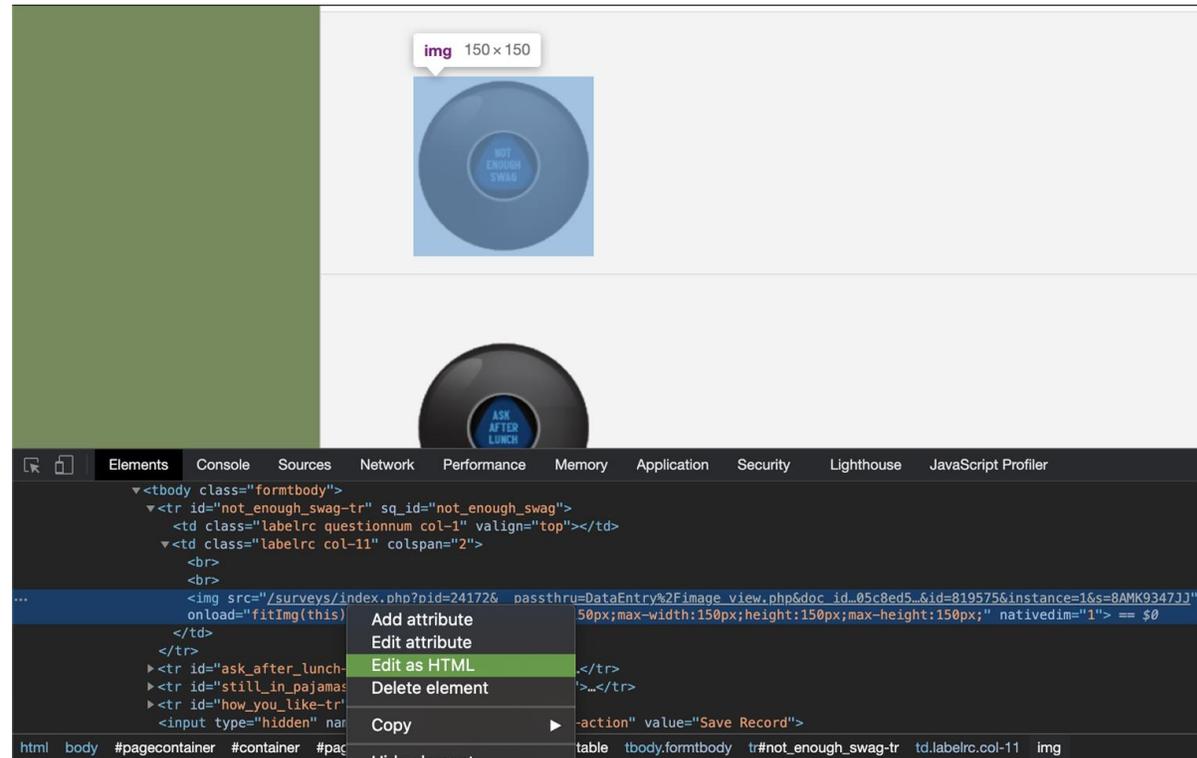
You can create a simple scale type image map using the survey to host the hidden image and HTML to build the source into your answer choices.



Create descriptive fields for all of your images with the option to display the inline image



**Enable the instrument as a survey to allow for URL.
Go to the public URL or a test record and inspect the
image to get the source URL HTML**



*Edit as HTML will allow you to copy the HTML

Use the source HTML and enter that into the choices for the field you want to have the images appear

Field Label Use the Rich Text Editor ?

How are you liking virtual REDCapCon?

Choices (one choice per line) [Copy existing choices](#)

```
1, 
2, <br> | 6 | not_enough_swag_2  |                                       | descriptive<br>Field Annotation: @HIDDEN                                                                                                                       |   |  |   |  |   |  |
| <br> | 7 | ask_after_lunch_2  |                                       | descriptive<br>Field Annotation: @HIDDEN                                                                                                                       |   |  |   |  |   |  |
| <br> | 8 | still_in_pajamas_2 |                                       | descriptive<br>Field Annotation: @HIDDEN                                                                                                                       |   |  |   |  |   |  |
| <br> | 9 | how_you_like_2     | How are you liking virtual REDCapCon? | radio<br><table border="1"><tbody><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td></td></tr></tbody></table><br>Custom alignment: LV | 1 |  | 2 |  | 3 |  |
| 1                                                                                                                                                                      |   |                    |                                       |                                                                                                                                                                |   |  |   |  |   |  |
| 2                                                                                                                                                                      |   |                    |                                       |                                                                                                                                                                |   |  |   |  |   |  |
| 3                                                                                                                                                                      |   |                    |                                       |                                                                                                                                                                |   |  |   |  |   |  |

# Options:

## Enhanced Radio Buttons

1) How are you liking virtual REDCapCon?



NOT ENOUGH SWAG

ASK AFTER LUNCH

COZY IN PAJAMAS!

## Regular Radio

1) How are you liking virtual REDCapCon?



NOT ENOUGH SWAG

ASK AFTER LUNCH

COZY IN PAJAMAS!

## SQL with Action Tags

|                                                                                                                                                                      |   |                  |                      |                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br> | 4 | males_count      | Male SQL Query       | sql<br><pre>select 'males', count(*) from redcap_data where project_id='286'<br/>and field_name='choice2' and value='1'</pre><br>Field Annotation: Tags: @DEFAULT='males'     |
| <br> | 5 | females_count    | Female SQL Query     | sql<br><pre>select 'females', count(*) from redcap_data where<br/>project_id='268' and field_name='choice2' and value='2'</pre><br>Field Annotation: Tags: @DEFAULT='females' |
| <br> | 6 | max_weight_query | Max Weight SQL Query | sql<br><pre>select 'max_lb', max(value) from redcap_data where<br/>project_id='286' and field_name='weight'</pre><br>Field Annotation: @DEFAULT='max_lb'                      |

## SQL with Action Tags

|                                                                                                                                                                      |   |                  |                      |                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br> | 4 | males_count      | Male SQL Query       | sql<br><code>select 'males' count(*) from redcap_data where project_id='286' and field_name='choice2' and value='1'</code><br><br>Field Annotation: Tags: <code>@DEFAULT='males'</code>     |
| <br> | 5 | females_count    | Female SQL Query     | sql<br><code>select 'females' count(*) from redcap_data where project_id='268' and field_name='choice2' and value='2'</code><br><br>Field Annotation: Tags: <code>@DEFAULT='females'</code> |
| <br> | 6 | max_weight_query | Max Weight SQL Query | sql<br><code>select 'max_lb' max(value) from redcap_data where project_id='286' and field_name='weight'</code><br><br>Field Annotation: <code>@DEFAULT='max_lb'</code>                      |

## SQL with Action Tags

|                                                                                                                                                                        |   |                  |                                           |                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>     | 4 | males_count      | Male SQL Query                            | sql<br><code>select 'males', count(*) from redcap_data where project_id='286' and field_name='choice2' and value='1'</code><br>Field Annotation: Tags: @DEFAULT='males'     |
| <br>     | 5 | females_count    | Female SQL Query                          | sql<br><code>select 'females', count(*) from redcap_data where project_id='268' and field_name='choice2' and value='2'</code><br>Field Annotation: Tags: @DEFAULT='females' |
| <br>     | 6 | max_weight_query | Max Weight SQL Query                      | sql<br><code>select 'max_lb', max(value) from redcap_data where project_id='286' and field_name='weight'</code><br>Field Annotation: @DEFAULT='max_lb'                      |
| <br>     | 7 | males            | Section Header:<br>Current count of males | text<br>Field Annotation: @DEFAULT='[males_count]'                                                                                                                          |
| <br> | 8 | females          | Current count of females                  | text<br>Field Annotation: @DEFAULT='[females_count]'                                                                                                                        |
| <br> | 9 | max_weight       | Max Weight                                | text<br>Field Annotation: @DEFAULT='[max_weight_query]'                                                                                                                     |

# SQL with Action Tags

| Introduction                                      |                                  |
|---------------------------------------------------|----------------------------------|
| Hit submit to continue.                           |                                  |
| Male SQL Query                                    | <input type="text" value="5"/>   |
| Female SQL Query                                  | <input type="text" value="0"/>   |
| Max Weight SQL Query                              | <input type="text" value="150"/> |
| <input type="button" value="Next Page &gt;&gt;"/> |                                  |



# SQL with Action Tags

|                          |                                  |
|--------------------------|----------------------------------|
| Current count of males   | <input type="text" value="5"/>   |
| Current count of females | <input type="text" value="0"/>   |
| Max Weight               | <input type="text" value="150"/> |

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## SQL with Action Tags

**Gender**

\* must provide value

Male  Female

reset

**Weight**

160

This is the heaviest record in the project.

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**Vielen Dank!**