



Introduction to REDCap

Taking the REDCap Road to Research



REDCap

REDCap was developed by an informatics core at Vanderbilt University with ongoing support from NCRR and NIH grants.

REDCap is a mature, secure web application for building and managing online surveys and databases. While REDCap can be used to collect virtually any type of data, it is specifically geared to support data capture for research studies.

The REDCap application allows users to build and manage online surveys and databases quickly and securely.

REDCap Users

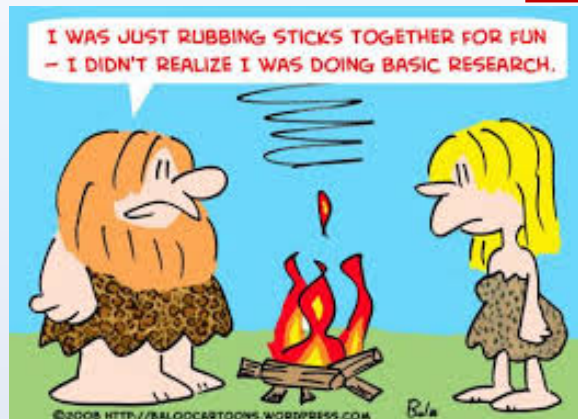
Consortium Partners

- Used in 93 countries
- Institutional partners: 1,625
- Current project: 201,000
- Current users: 278,000

UMass Medical School

- Total users: 1,500
- Projects in Production: 788
- Projects in development: 338
- Total logged events per month

→ 45,000



Why is everyone using REDCap?

- Data stored in a secure Regulated Environment
- Create public or private surveys
- Create Data Collection Instruments
- Web-based
- Multi-site access
- Autonomous user management
- Data export/data import



Autonomous User Management

Data Access	Principal Investigator	Project Coordinator	Statistician	Project Staff	Read Only	Data Entry
Full Data Set	●	●				
De-identified Data			●	●		
Reports and Report Builder	●	●		●		
Import Data	●	●		●		
Export Data	●	●				
File Repository	●	●		●	●	●

Project Design and Setup	Manage Survey Participants	Calendar	Data Export Tool	Data Import Tool	Data Comparison Tool	Logging	File Repository	User Rights	Data Access Groups	Record Locking Customization	Lock/Unlock Records	Graphical Data View & Stats	Data Quality (create/edit rules)	Data Quality (execute rules)	API	Reports & Report Builder	Create Records	Rename Records	Delete Records
✗	✓	✓	De-Identified	✗	✗	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗	✓	✓	✗	✗
✓	✓	✓	De-Identified	✗	✗	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗	✓	✓	✗	✗

Field Editor

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: Text Box (Short Text) ▼

Field Label [How to use Piping](#)

Social Security Number

Variable Name (utilized during data export)

ssn Enable auto naming of variable based upon its Field Label?
ONLY letters, numbers, and underscores

Validation? (optional)

Social Security Number (U.S.) ▼


Required?* No Yes
* Prompt if field is blank

Identifier? No Yes
Does the field contain identifying information (e.g., name, SSN, address)?

Custom Alignment Right / Vertical (RV) ▼
Align the position of the field on the page

Field Note (optional)

Small reminder text displayed underneath field

Looking for Branching Logic? Try clicking the  icon for this field after clicking the Save or Cancel button below.

Save Cancel

SECURITY!!!

- REDCap is contained in a regulated environment.
- I can mark each entry if the data is identifying.
- I can set access for team members.

What other security measures do I need to be aware of, and what measures should be taken?

Security!!!

- Do you know your 18 identifiers?
- Are desktops and laptops encrypted?
- How is data being transported?
- Where is your data stored?



Let's take a look at a REDCap survey!

[Let's See a Survey!](#)

Thank you!

For more information, or to schedule a training for you or your team, please contact

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or

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