

Tutorials

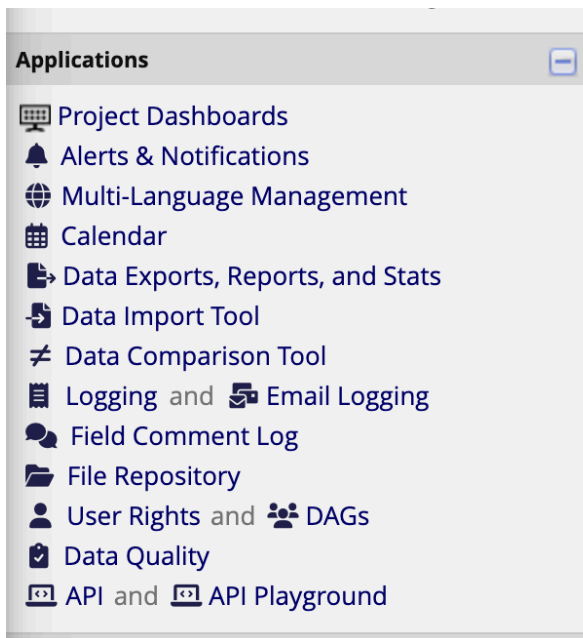
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REDCap API and REDCapR

REDCap API

You have to be the role of project manager in order to use the API tool. You can check your role in the project by clicking the **User Right** button in the Applications panel. If your role in the project is project manager, then the **API** and **API Playground** buttons can be found in the Application panel. Otherwise please contact your REDCap administrator.



Connect to REDCap API

You can access REDCap data using the API and bring it directly into R for analysis. The R package is **REDCapR**. For using the package, you will need the following information from your specific REDCap project (accessible from the API tool):

- **URL:** *redcap_uri*
- **API Token:** *You should contact your REDCap administrator to generate the API token. The API token is **ONLY** for you and will work **ONLY** with one project. This token allows special access to REDCap data and should **NOT** be shared with others.*
- **Fields:** *Any specific fields or records of interest for the extraction*

Here is the R code for extracting all the project information:

```
library(REDCapR)
df <- redcap_read_oneshot(redcap_uri = uri,
                          token = token,
                          fields = 'project')$data
```

You can include the R code in your script. The output **df** is a data.frame.