

# Package: lockr (via r-universe)

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**Type** Package

**Title** An R interface to the REDCap Locking API

**Version** 0.1.0

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**Description** Provides R bindings for the REDCap Locking API, an external module for REDCap. Supports locking and unlocking records and instruments, as well as querying locking status.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**URL** <https://github.com/gardiners/lockr>

**BugReports** <https://github.com/gardiners/lockr/issues>

**Imports** jsonlite, httr, xml2, purrr

**RoxygenNote** 7.1.1

**Repository** <https://gardiners.r-universe.dev>

**RemoteUrl** <https://github.com/gardiners/lockr>

**RemoteRef** HEAD

**RemoteSha** 4477f452bb19f2fa3221b24efd73fb2bc09ebac0

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data_action	<i>Perform data-level locking operations</i>
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**Description**

Perform data-level locking operations

**Usage**

```
data_action(  
    record,  
    event = NULL,  
    instrument = NULL,  
    instance = NULL,  
    arm = NULL,  
    action,  
    redcap_uri,  
    token  
)
```

```
data_status(  
    record,  
    event = NULL,  
    instrument = NULL,  
    instance = NULL,  
    arm = NULL,  
    redcap_uri,  
    token  
)
```

```
lock_data(  
    record,  
    event = NULL,  
    instrument = NULL,  
    instance = NULL,  
    arm = NULL,  
    redcap_uri,  
    token  
)
```

```
unlock_data(  
    record,  
    event = NULL,  
    instrument = NULL,  
    instance = NULL,  
    arm = NULL,  
    redcap_uri,
```

```

    token
)

```

### Arguments

record	A vector of REDCap record names to affect. Required.
event	A character vector specifying the event/s to affect. Ignored if REDCap project is not longitudinal
instrument	A character vector specifying the instrument/s to affect. If NULL, all instruments for the given record/event specification are affected
instance	A vector specifying which instance of a repeating instrument to affect. If not specified, affects every instance.
arm	A vector specifying which arm to affect.
action	A character string for the action to perform on records. One of "lock", "unlock" or "status"
redcap_uri	A character string of the REDCap server's API endpoint URL
token	A character string of the REDCap API token

### Functions

- data\_status: Get the lock status of specified instruments
- lock\_data: Lock specified instruments
- unlock\_data: Unlock specified instruments

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record_action	<i>Perform record-level locking operations</i>
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### Description

Perform record-level locking operations

### Usage

```

record_action(
  record,
  action = c("status", "lock", "unlock"),
  redcap_uri,
  token
)

record_status(record, redcap_uri, token)

lock_record(record, redcap_uri, token)

unlock_record(record, redcap_uri, token)

```

**Arguments**

record	A vector of REDCap record names to affect. Required.
action	A character string for the action to perform on records. One of "lock", "unlock" or "status"
redcap_uri	A character string of the REDCap server's API endpoint URL
token	A character string of the REDCap API token

**Value**

A dataframe with one row per record affected by the operation.

**Functions**

- `record_status`: Return the lock status of record/s
- `lock_record`: Lock named record/s
- `unlock_record`: Unlock named record/s

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