

# Package ‘pivotaltrackR’

January 10, 2021

**Type** Package

**Title** A Client for the 'Pivotal Tracker' API

**Description** 'Pivotal Tracker' <<https://www.pivotaltracker.com>> is a project management software-as-a-service that provides a REST API. This package provides an R interface to that API, allowing you to query it and work with its responses.

**Version** 0.2.0

**URL** <https://enpiar.com/r/pivotaltrackR/>,  
<https://github.com/nealrichardson/pivotaltrackR/>

**BugReports** <https://github.com/nealrichardson/pivotaltrackR/issues>

**License** MIT + file LICENSE

**Depends** R (>= 3.0.0)

**Imports** curl, httr, utils

**Suggests** httpptest (>= 3.0.0), knitr, magrittr, rmarkdown, spelling

**Language** en-US

**Encoding** UTF-8

**RoxygenNote** 7.1.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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addLabel	<i>Add labels to a story</i>
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**Description**

Add labels to a story

**Usage**

```
addLabel(story, labels = character(0))
```

```
addLabels(story, labels = character(0))
```

**Arguments**

story	A story object, a story id, or URL to a story
labels	Character vector of names of labels to add to the story

**Value**

Invisibly, the story object with the labels added. If the story already has all of the labels you're trying to add, no request will be made.

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getStories	<i>Get stories</i>
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**Description**

Get stories

**Usage**

```
getStories(..., search = NULL, query = list())
```

**Arguments**

...	"Filter" terms to refine the query. See <a href="https://www.pivotaltracker.com/help/articles/advanced_search/">https://www.pivotaltracker.com/help/articles/advanced_search/</a> . This is how you search for stories in the Pivotal Tracker web app.
search	A search string
query	List of query parameters. See <a href="https://www.pivotaltracker.com/help/api/rest/v5#Stories">https://www.pivotaltracker.com/help/api/rest/v5#Stories</a> . Most are not valid when filter terms are used.

**Value**

A 'stories' object: a list of all stories matching the search.

**Examples**

```
## Not run:
getStories(story_type="bug", current_state="unstarted",
           search="deep learning")

## End(Not run)
```

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labels	<i>Get a story's labels</i>
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**Description**

Get a story's labels

**Usage**

```
labels(story)
```

**Arguments**

story            A story object, a story id, or URL to a story

**Value**

A character vector of the names of the labels attached to the story

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story	<i>Create, read, update, and delete a story</i>
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**Description**

Create, read, update, and delete a story

**Usage**

```
getStory(story)

createStory(...)

editStory(story, ...)

deleteStory(story)
```

## Arguments

story	An id string or URL to a Story
...	Story attributes to either createStory or editStory. See a list of valid attributes at <a href="https://www.pivotaltracker.com/help/api/rest/v5#projects_project_id_stories_post">https://www.pivotaltracker.com/help/api/rest/v5#projects_project_id_stories_post</a> . name is required on creation; all other fields are optional.

## Value

deleteStory returns nothing, while the other functions all return a 'story' object: either the requested story (getStory), the newly created story (createStory), or the current state of the modified story editStory.

## Examples

```
## Not run:
new_bug <- createStory(
  name="Flux capacitor hangs at 0.9 gigawatts",
  description="Please investigate and fix.",
  story_type="bug"
)
new_bug <- editStory(new_bug, current_state="started")
deleteStory(new_bug)

## End(Not run)
```

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