
gh.el User Manual

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1	Basics	3
2	Issues	5
3	Indices and tables	7

gh.el is a low-level client library to interact with the *GitHub API* <<http://developer.github.com/>>.

Main features include:

- synchronous and asynchronous modes
- flexible authentication
- allows for multiple parallel sessions

Contents:

Basics

gh.el is built on top of Eieio. The scope of this client library is to provide plumbing primitives that will allow full use of the GitHub API.

Issues

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gh.el allows access to GitHub issues.

First, connect to the API:

```
(gh-issues-api "api")
```

This will OAuth connect to GitHub and return an API connection object.

The API connection object can be passed to issues methods:

```
(gh-issues-issue-list (gh-issues-api "API") "sigma" "gh.el")
```

The issue list has a class *gh-api-paged-response* which has a member *data* which can be used to retrieve the data sent back from GitHub:

```
(oref
  (gh-issues-issue-list (gh-issues-api "API") "sigma" "gh.el")
  data)
```

This returns a list of items of class *gh-issues-issue*. You can further *oref* those to get data. Putting it all together we might have:

```
(defun fill-string (str)
  (with-temp-buffer
    (insert str)
    (fill-paragraph)
    (buffer-string)))

(mapcar
  (lambda (issue)
    (insert
      (format
        "%s %s -- %s\n%s\n\n"
        (oref it number) ; the issue number
        (oref it created_at) ; the data
        (fill-string (oref it title)) ; the title, filled
        (fill-string
          (replace-regexp-in-string
            "\r" "\n" (oref it body)))) ; the body filled
      (oref
        (gh-issues-issue-list ghcon "sigma" "gh.el")
        data)))
```

Indices and tables

- `genindex`
- `modindex`
- `search`