
gh.el User Manual

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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

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CHAPTER 1

Basics

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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
```

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```
"#%s %s -- %s\n%s\n\n"  
  (oref issue number) ; the issue number  
  (oref issue created-at) ; the data  
  (fill-string (oref issue title)) ; the title, filled  
  (fill-string  
    (replace-regexp-in-string  
      "\\r" "\\n" (oref issue body)))) ; the body filled  
(oref  
  (gh-issues-issue-list ghcon "sigma" "gh.el")  
  data))
```

CHAPTER 3

Indices and tables

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