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# **poacher Documentation**

***Release 0.1***

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## 1.1 poacher package

### 1.1.1 Module contents

**class** `poacher.GithubPoacher` (*poll\_delay\_seconds=2.0,* *github\_retries=10,*  
*github\_retry\_delay\_seconds=2.0*)

Bases: `object`

Base class containing functionality to poll github.com for new repositories. Extend this class and override `poacher.GithubPoacher.on_repo` to get information about new repositories as they are created.

**authenticate** (*username, password*)  
Authenticate with Github

**Parameters**

- **username** (*str*) – Github username
- **password** (*str*) – Github password

**main\_loop** (*start\_id=99525181*)  
Find the latest repository on github.com and start polling to get new repositories as they become available.  
This method never returns.

**Parameters** **startid** (*int*) – github repository ID for a known existing repository on github.com to start binary search for latest repository

**on\_lock** (*repo\_id*)  
Override this method. This method will be called when the binary search for the latest repo ID in `GithubPoacher.main_loop` is complete

**Parameters** **repo\_id** (*int*) – result of binary search (latest repository ID)

**on\_repo** (*repo*)  
Override this method. This method will be called by `GithubPoacher.main_loop` whenever a new Github repo is created.

**Parameters** **repo** (*PyGithub.Repo*) – Repo object for repository (see PyGithub documentation)

**on\_repos\_processed** (*num*)

Override this method. This method will be called in each iteration of GithubPoacher.main\_loop, after GithubPoacher.on\_repo has been called for all new repos returned by a request to github.com

**Parameters** **num** (*int*) – the number of new repositories processed

**on\_search\_iteration** (*lower, upper*)

Override this method. This method will be called each time the search parameters are updated during the initial binary search for the latest repository ID in GithubPoacher.main\_loop.

**Parameters**

- **lower** (*int*) – lowest repository ID in search area
- **upper** (*int*) – highest repository ID in search area

## CHAPTER 2

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### Indices and tables

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- `modindex`
- `search`





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