

GitHub - michenriksen/gitrob: Reconnaissance tool for GitHub organizations

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Gitrob: Putting the Open Source in OSINT

Gitrob is a tool to help find potentially sensitive files pushed to public repositories on Github. Gitrob will clone repositories belonging to a user or organization down to a configurable depth and iterate through the commit history and flag files that match signatures for potentially sensitive files. The findings will be presented through a web interface for easy browsing and analysis.

Usage

```
gitrob [options] target [target2] ... [targetN]
```

Options

```
-bind-address string  
    Address to bind web server to (default "127.0.0.1")  
-commit-depth int  
    Number of repository commits to process (default 500)  
-debug  
    Print debugging information  
-github-access-token string  
    GitHub access token to use for API requests  
-load string  
    Load session file  
-no-expand-orgs  
    Don't add members to targets when processing organizations  
-port int
```

```
Port to run web server on (default 9393)
-save string
  Save session to file
-silent
  Suppress all output except for errors
-threads int
  Number of concurrent threads (default number of logical CPUs)
```

Saving session to a file

By default, gitrob will store its state for an assessment in memory. This means that the results of an assessment is lost when Gitrob is closed. You can save the session to a file by using the `-save` option:

```
gitrob -save ~/gitrob-session.json acmecorp
```

Gitrob will save all the gathered information to the specified file path as a special JSON document. The file can be loaded again for browsing at another point in time, shared with other analysts or parsed for custom integrations with other tools and systems.

Loading session from a file

A session stored in a file can be loaded with the `-load` option:

```
gitrob -load ~/gitrob-session.json
```

Gitrob will start its web interface and serve the results for analysis.

Installation

A [precompiled version is available](#) for each release, alternatively you can use the latest version of the source code from this repository in order to build your own binary.

Make sure you have a correctly configured **Go** ≥ 1.8 environment and that `$GOPATH/bin` is in your `$PATH`

```
$ go get github.com/michenriksen/gitrob
```

This command will download gitrob, install its dependencies, compile it and move the `gitrob` executable to `$GOPATH/bin`.

Github access token

Gitrob will need a Github access token in order to interact with the Github API. [Create a personal access token](#) and save it in an environment variable in your `.bashrc` or similar shell configuration file:

```
export GITROB_ACCESS_TOKEN=deadbeefdeadbeefdeadbeefdeadbeefdeadbeef
```

Alternatively you can specify the access token with the `-github-access-token` option, but watch out for your command history!

Source: <https://github.com/michenriksen/gitrob>