

Mirror, mirror on the wall,  
which is the most popular  
module of all?

Well... ehm ...  
I don't know...

# Why is this interesting?

- Decide which module to use
- Recognize trending modules
- ...

# What's „popular“?

- Number of downloads?
- CPANRatings?
- CPAN likes/stars?
- CPAN River?
- Github stars?
- Used in many projects?
- ...

# What's „popular“?

- Now vs. „of all time“?
- How to get the data?








# Github stars

- Many modules aren't on Github
- Many users do not have Github accounts
- One can only give one star

575 repository results

Sort: Best match ▾

-  [so-fancy/diff-so-fancy](#)  
Good-lookin' diffs. Actually... nah... The best-lookin' diffs. 🌟  
[fancy](#) [diffs](#) [git](#) [diff](#) [diff-highlight](#)  
☆ 14.2k ● Perl MIT license Updated 5 days ago
-  [AIDanial/cloc](#)  
cloc counts blank lines, comment lines, and physical lines of source code in many programming languages.  
[count-lines](#) [programming-language](#) [cloc](#)  
☆ 11.1k ● Perl GPL-2.0 license Updated 10 days ago
-  [brendangregg/FlameGraph](#)  
Stack trace visualizer  
☆ 10.9k ● Perl Updated 8 days ago
-  [sltaramc/gitolite](#)  
Hosting git repositories -- Gitolite allows you to setup git hosting on a central server, with very fine-grained acce...  
☆ 7.9k ● Perl GPL-2.0 license Updated 15 days ago
-  [major/MySQLTuner-perl](#)  
MySQLTuner is a script written in Perl that will assist you with your MySQL configuration and make recommendations fo...  
☆ 6.7k ● Perl GPL-3.0 license Updated 22 days ago 26 issues need help

<https://github.com/search?q=stars%3A%22%3E+100%22+language%3APerl&type=Repositories&ref=advsearch&l=Perl&l=>

# CPAN likes/stars

- Great to know who likes a module
- One can only like the module once

meta::cpan

Search

Renee Baecker / HTTP-Tiny-Multipart-0.08 

APR 30, 2018

 [Browse \(raw\)](#)

 [Changes](#)

 [Homepage](#)

Changes for version 0.08 - 2018-04-30

- IMPROVEMENTS
  - Do not modify the args hash, it is a user supplied reference, and

++ed by:



2 PAUSE users

1 non-PAUSE user.

# CPAN Ratings

- (was a) nice way to rate CPAN modules
  - Read-only since 2018  
(<https://log.perl.org/2018/06/cpan-ratings-read-only.html>)

## CPAN Ratings

Ratings and Reviews for CPAN

### Rate a distribution

Find a distribution you would like to review:

### Recent reviews (RSS feed)

#### Embperl (2.5.0) ★★★★★

Empberl is a very fast and powerful framework . It makes it easy to implement every aspect of a website including MVC architecture, internationalization, session management, and managing the user interface,

JT - 2018-05-31T08:46:45 ([permalink](#))

#### Paws (0.36) ★★★★★

I have pretty simple needs (copy some files from within the same bucket on S3), Paws helped me do it quickly. I found the documentation to be somewhat confusing, however there were examples that got me what I needed.

Thomas R. Helsel - 2018-05-24T18:35:20 ([permalink](#))

<https://cpanratings.perl.org/>



# CPAN River

- Measures „importance“ of CPAN modules for other modules (other developers)
- Doesn't measure popularity by projects (users)
- <https://neilb.org/2015/04/20/river-of-cpan.html>

# Number of downloads

- Download once, use in many projects
- Available from many mirrors (even internal), how to aggregate download numbers?
- Downloaded, but not used
  - CPANTesters
  - Bots
  - Me, to check if a module fits my needs
  -

# Measure usage in projects

- Many projects list their dependencies
- ... in a standardized way – cpanfile
- You can have many cpanfiles on your disk
  - The more cpanfiles list a module, the more popular is a module

# cpanfile

```
requires 'Mojolicious' => 8;
requires 'Mojolicious::Plugin::xxxxxx' => '>1.2,!=2.3';

on 'develop' => sub {
    requires 'Dist::Zilla' => 0.1;
};

on 'test' => sub {
    requires 'Test::BDD::Cucumber' => 2;
};

feature 'sqlite', 'SQLite support' => sub {
    on runtime => sub { requires 'DBD::SQLite' },
};
```



<https://usage.perl-academy.de>

# Measure usage in projects

- All users can upload cpanfiles (no login required)
  - There's no way to avoid hijacking
- All „requires“ are parsed
- Needs some time and lots of cpanfiles to measure popularity



## Module usage

This table shows how often the modules were listed as 'required' in uploaded cpanfiles. This can give an idea how 'popular' the modules are. Currently 4 cpanfiles were uploaded.  
[You can upload your cpanfile, too.](#)

Show 

100 ▾

 entries

Search:

Module	Count
Mojolicious	4
Mojolicious::Plugin::GoogleFontProxy	3
IO::Socket::SSL	2
Mojolicious::Plugin::BasicAuth	2
Mojolicious::Plugin::NoReferrer	2
Mojolicious::Plugin::RenderFile	2
Mojolicious::Plugin::SecurityHeader	2
Data::Printer	1
Data::Validate::WithYAML	1
Data::Validate::WithYAML::Plugin::EMail	1
Data::Validate::WithYAML::Plugin::NoSpam	1
IO::Dir	1
List::Util	1
MetaCPAN::Client	1
Minion	1
Minion::Backend::SQLite	1
Mojo::SQLite	1
...	...

# TODOs

- Improve cpanfile parsing
- Add statistics/timelines
- ...



# Thank you!

# Questions?

... and upload your cpanfile(s) to <https://usage.perl-academy.de>