

masak 🍷 viklund

☺ -Ofun ☺

Perl 6 is cool

Christmas is close

wiki engine in Perl 6

```
our $wiki = 'November';
```

November is close to Christmas!

why a wiki engine?

\$prize

-Ofun and (maybe) profit

a nice demo of what
rakudo can do already

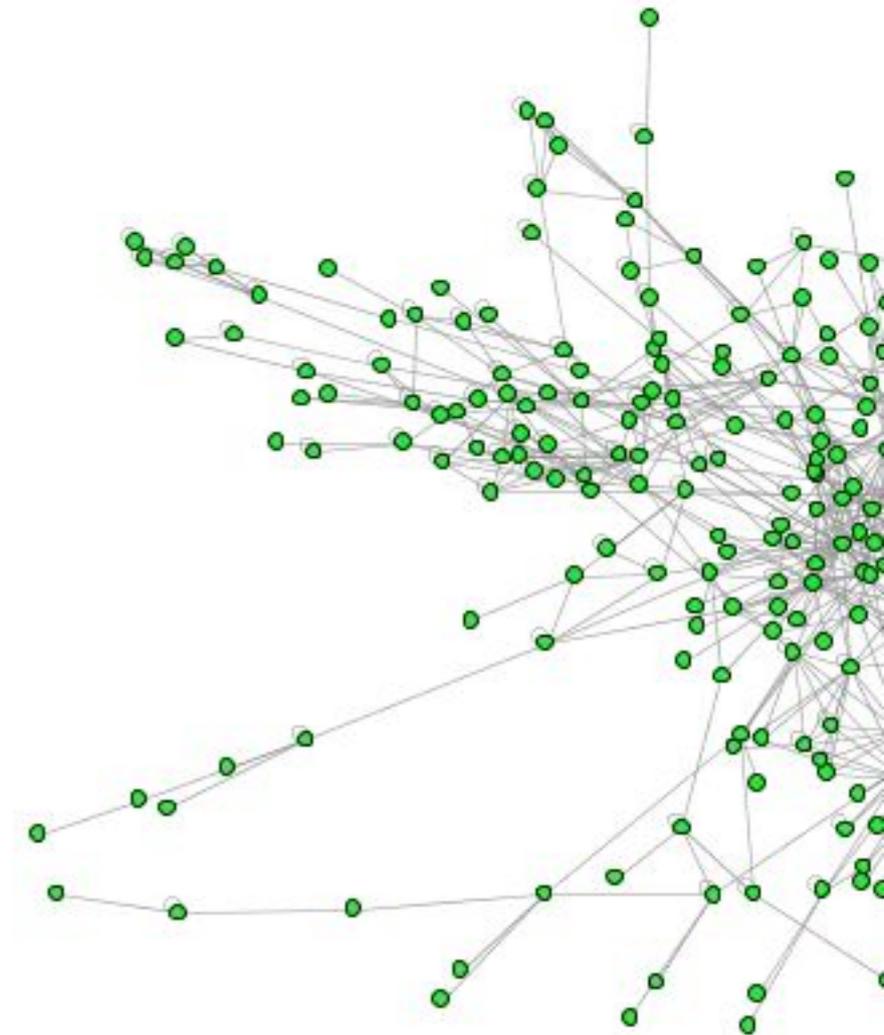
wiki:

(wĭk'ē) n. pl. wikis

- Editable content



- Graph of pages



November does that

(barely)

more on that later

screenshots:

File Edit View History Bookmarks Tools ↵ ↻ http://localhost/cgi-bin/wiki.sh ☆ Google

Edit Log in Log out



Main Page

Hi there. November is a wiki engine written in Perl 6, and runs on top of rakudo. It currently does viewing/editing of pages, and sessions.

Pages are written in a simple wiki markup, and parsed using a Perl 6 grammar. This grammar is used to produce links, for example to [Another Page](#). A link to a [Page that does not exist](#) is shown in red, and clicking it takes you into edit mode for that page.

Done

100%

Adblock

viewing a page



Log in

Once you are logged in, you can edit pages.

Username:

Password:

logging in

Log in Log out



Editing Main_Page

Hi there. November is a wiki engine written in Perl 6, and runs on top of [rakudo](#). It currently does viewing/editing of pages, and sessions.

Pages are written in a simple wiki markup, and parsed using a Perl 6 grammar. This grammar is used to produce links, for example to [\[\[Another_Page\]\]](#). A link to a [\[\[Page_that_does_not_exist\]\]](#) is shown in red, and clicking it takes you into edit mode for that page.

Save

editing a page

experiences from
writing Perl 6 in
rakudo:

Perl 6 rocks!

you can do *a lot* in
rakudo already

(but not always what
you want to do)

constrained writing

-O“*fun*”

Internal Server Error

The server encountered an internal error or misconfiguration and was unable to complete your request.

Please contact the server administrator, webmaster@localhost and inform them of the time the error occurred, and anything you might have done that may have caused the error.

More information about this error may be available in the server error log.

Apache/2.2.9 (Debian) Server at localhost Port 80



parsefail
Segmentation fault
Bus error

no caller_ctx for continuation 0x821197c

NULL PMC Access
just plain hangs

100km/h → 0km/h in 2s

reference Perl 5 implementation

(p6w follows p5w)

Status

(2008-08-14)

p5w:

- View pages
- Edit pages
- Log in/out
- Diffs
- Page history

p6w:

- View pages
- Edit pages
- Log in/out

minor issues:



it's a *bit* slow



“molassesware”

A close-up photograph of a large, light-brown snail with a glossy, wet-looking shell and body. The snail is positioned on a rough, textured rock surface. The background is a bright, slightly blurred outdoor scene with a blue sky and some greenery. The text 'a 'view page' request:' is overlaid in a bold, black, sans-serif font across the middle of the snail's body.

a 'view page' request:



**15s on masak's laptop
55s on viklund's kneetop**



**we've reached a
Parrot/rakudo
complexity bottleneck**

A photograph showing several clear glass bottles of various shapes and sizes lying on a wooden surface. The bottles are arranged in a somewhat haphazard manner, with some lying on their sides and others partially obscured. The wood grain of the surface is clearly visible, and the lighting creates soft shadows and highlights on the glass. The overall scene suggests a collection of discarded or unused bottles.

(not quite sure which one)

☹ no CPAN modules ☹

Modules we're faking:

CGI

(requests and responses)

HTML::Template

(generating HTML pages)

Impatience

(functions not yet in rakudo)

Future directions:

more features

more modular/sane

the module

Web

(state-of-the-art web apps)

play with November today!

[git://github.com/viklund/november.git](https://github.com/viklund/november.git)

(or see the page of this talk)

 **not for production** 
(duh)



November

Christmas has never felt this close.