

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)

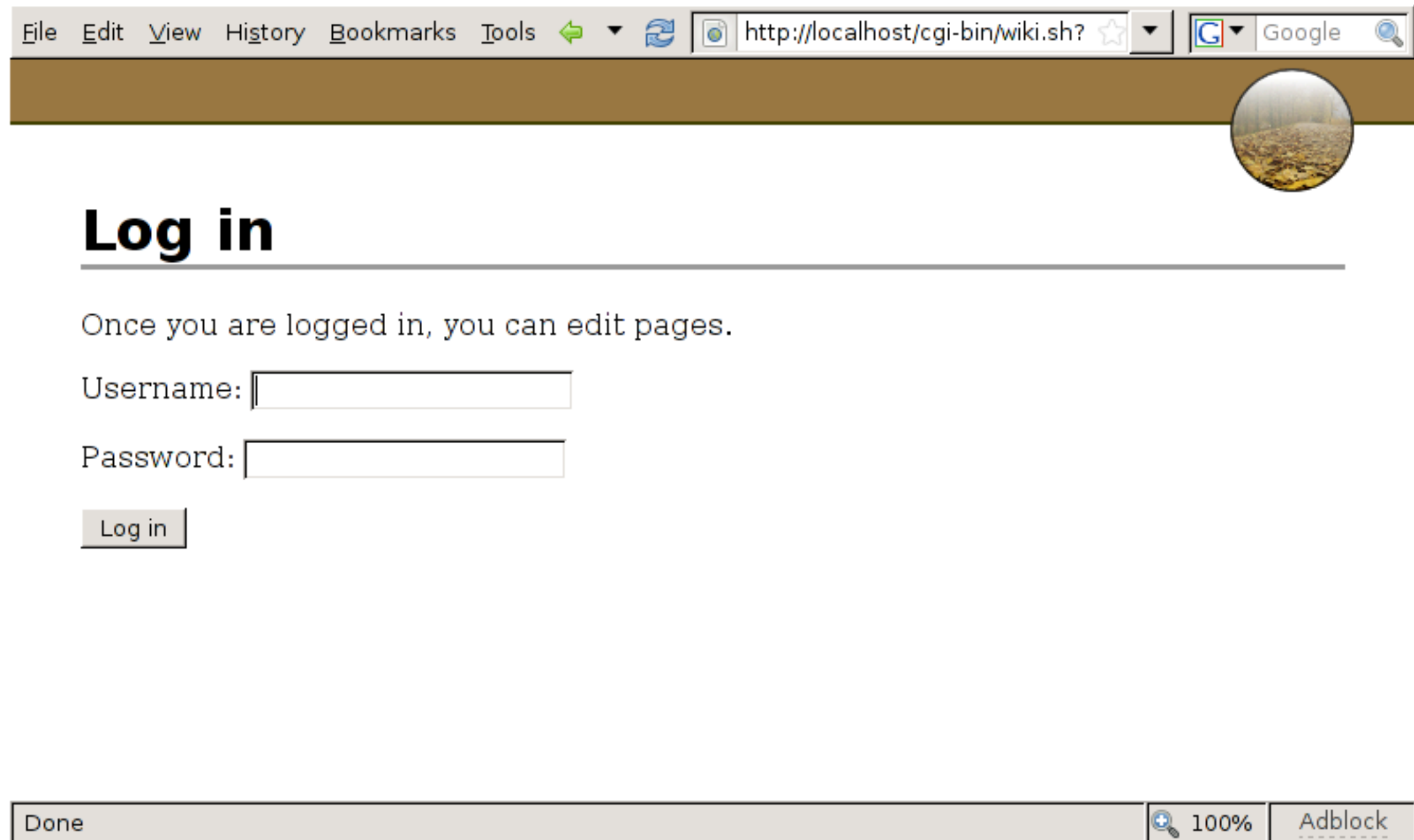
more on that later

**screenshots:**

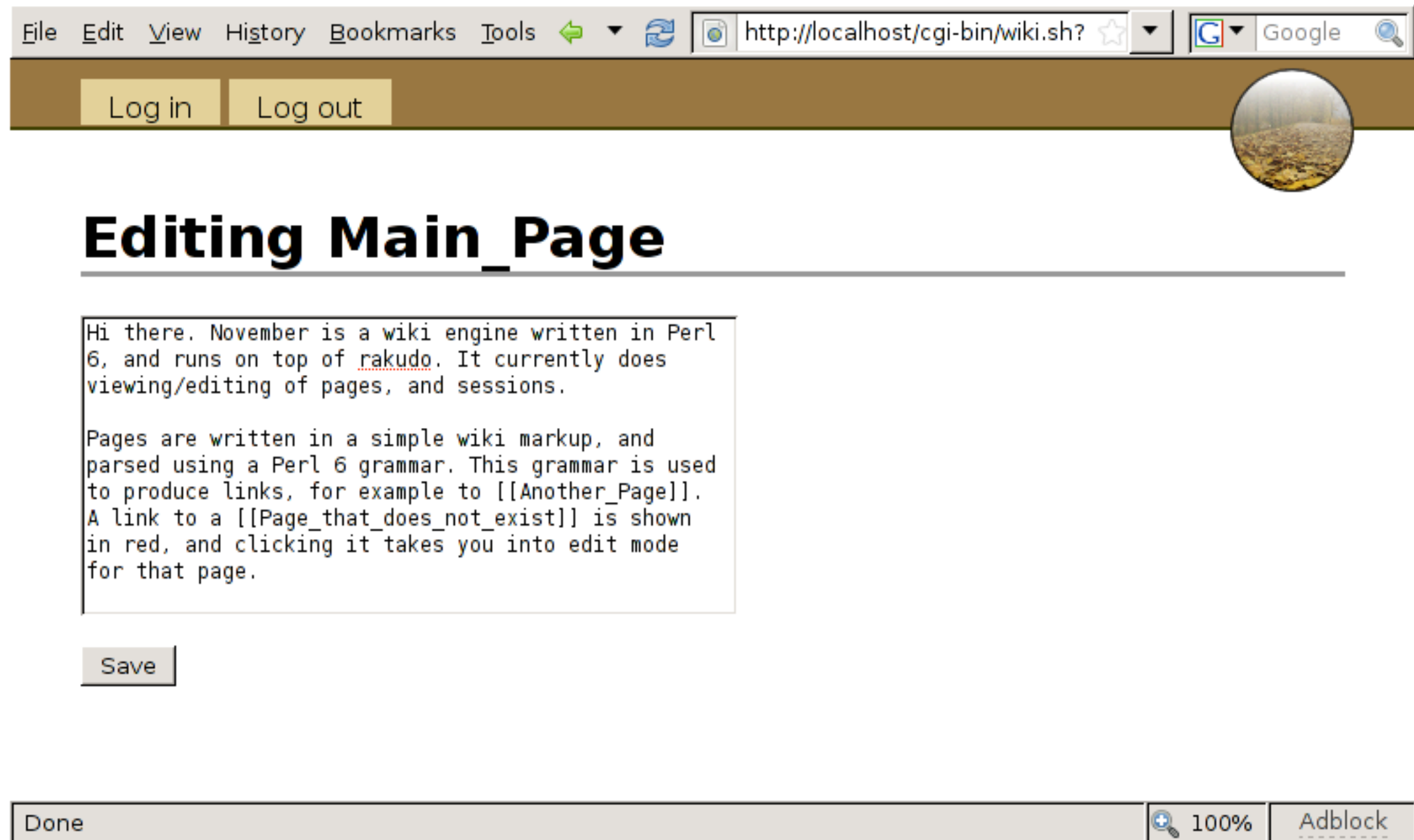


viewing a page





logging in



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  $\rightarrow$  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:**



A close-up photograph of a large, light-brown slug with darker brown spots moving across a rough, yellowish-brown rock. The slug's body is glistening with moisture. Its long eye stalks are extended forward. The background is a bright blue sky with soft, white clouds. The text "it's a *bit* slow" is overlaid in the center of the image.

it's a *bit* slow





**“molassesware”**



A close-up photograph of a large, light-brown snail with a darker brown shell, moving across a rough, textured rock surface. The snail's body is extended, and its eye stalks are visible. The background is a blurred blue sky with white clouds. The text "a 'view page' request:" is overlaid in a large, black, sans-serif font across the middle of the image.

a 'view page' request:



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. Its two long eye stalks are extended forward. The background is a blurred landscape with green hills and a blue sky with white clouds. Overlaid on the snail's body is the text "15s on masak's laptop" and "55s on viklund's kneetop" in a bold, black, sans-serif font.

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



A still life painting featuring several broken glass bottles and fragments scattered across a wooden surface. The scene is rendered with soft, painterly brushstrokes, showing reflections and textures of the glass and wood. The text is overlaid in the center of the image.

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



A still life painting featuring several glass bottles of various shapes and sizes, some lying on their sides and others standing. They are arranged on a wooden surface, possibly a table or floor, with a textured, light-colored background. The painting style is visible, with brushstrokes and a somewhat muted color palette. The text "(not quite sure which one)" is overlaid in the center.

**(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.