

Beauty and Chaos

The story of November

A talk given at NPW 2009

by Carl Mäsak

2009-04-17

OH HAI

Carl Mäsak

masak

bioinformatician

working

programmer

half time

languages

我可以有一个汉堡。

Perl 5

Perl 9

Perl ♂

Perl ♀

Perl 6

first

a show of hands

how many...

...have read some of

the Specs

Rakudo

Parrot

...have read some of

...have read all of

the Specs

Rakudo

Parrot

...have read some of

...have read all of

...have patched

the Specs

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Parrot

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...have read all of

...have patched

...have downloaded

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...have downloaded

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Rakudo

Parrot

1

I ask

I ask because

I ask because I

I ask because I sense

I ask because I sense
there's

I ask because I sense
there's a

I ask because I sense
there's a Perl

I ask because I sense
there's a Perl 6

I ask because I sense
there's a Perl 6
community

I ask because I sense
there's a Perl 6
community forming

exciting times

we can haz a Perl 6

we can haz a Perl 6 community

screenshots



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.

[Log in](#)

NOVEMBER...

Main Page

wiki, november, perl 6, rakudo, fun!.

November is a wiki engine written in Perl 6.

What is Perl?

Perl is a dynamic programming language with tendencies towards expressivity rather than minimalism. One of its central tenets being that *There Is More Than One Way To Do It*, Perl accommodates a many-cultured assortment of solutions to common programming problems.

Through various fora, a well-written core documentation, and a central repository of thousands of modules, Perl culture is constantly being passed on and added to.

Navigation

[Main Page](#)
[About this site](#)
[Recent Changes](#)

This page

[Edit](#)
[View history](#)



origins

The .WHENCE of November

viklund

email

"I have an idea"

do something

Perl 6

Rakudo

a plan for being productive

and how to win money

Conrad Schneiker

secret project

three months

```
method exists_wiki_page($page) {  
    ($.content_path ~ $page) ~~ :e;  
}
```

```
method exists_wiki_page($page) {  
    # RAKUDO: use :e  
    my $exists = False;  
    try {  
        my $fh = open( $.content_path ~ $page );  
        $exists = True;  
    }  
    return $exists;  
}
```

Beauty:

Modules

request→

request → CGI

request → CGI → Dispatch

request → CGI → Dispatch → Storage

request → CGI → Dispatch → Storage
→ Markup

request → CGI → Dispatch → Storage
→ Markup → Template

request → CGI → Dispatch → Storage
→ Markup → Template → CGI

request → CGI → Dispatch → Storage
→ Markup → Template → CGI → response

Beauty:

Reinventing the wheel

no CPAN





try new things

Perl 6 grammars

YAPC::EU 2008

pm: "You're submitting a fair amount of bugs there."

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pm: "What is it you're building?"

pm: "You're submitting a fair amount of bugs there."

pm: "What is it you're building?"

masak: "Er... um..."

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masak: "We're toying with a web framework for Perl 6."

pm: "You're submitting a fair amount of bugs there."

pm: "What is it you're building?"

masak: "Er... um..."

masak: "We're toying with a web framework for Perl 6."

pm: "Oh, ok. Cool."

cat out of bag

early autumn

we got a new developer, Илья

Rakudo got a lot of new features

use.perl.org post

Rakudo:
the good,
the cool,
the awesome,
the bad,
the ugly,
and the weird

most things are fixed

January

✌️ we won the prize! ✌️

Beauty:

The month of November

I met jnthn in person in January

jnthn: "What's the name of the talk?"

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masak: "'Chaos and Beauty -- the story of November.'"

jnthn: "What's the name of the talk?"

masak: "'Chaos and Beauty -- the story of November.'"

jnthn: "I imagine pm and I represent the chaos, then. :)"

jnthn: "What's the name of the talk?"

masak: "'Chaos and Beauty -- the story of November.'"

jnthn: "I imagine pm and I represent the chaos, then. :)"

masak: "No, of course not. :)"

jnthn: "What's the name of the talk?"

masak: "'Chaos and Beauty -- the story of November.'"

jnthn: "I imagine pm and I represent the chaos, then. :)"

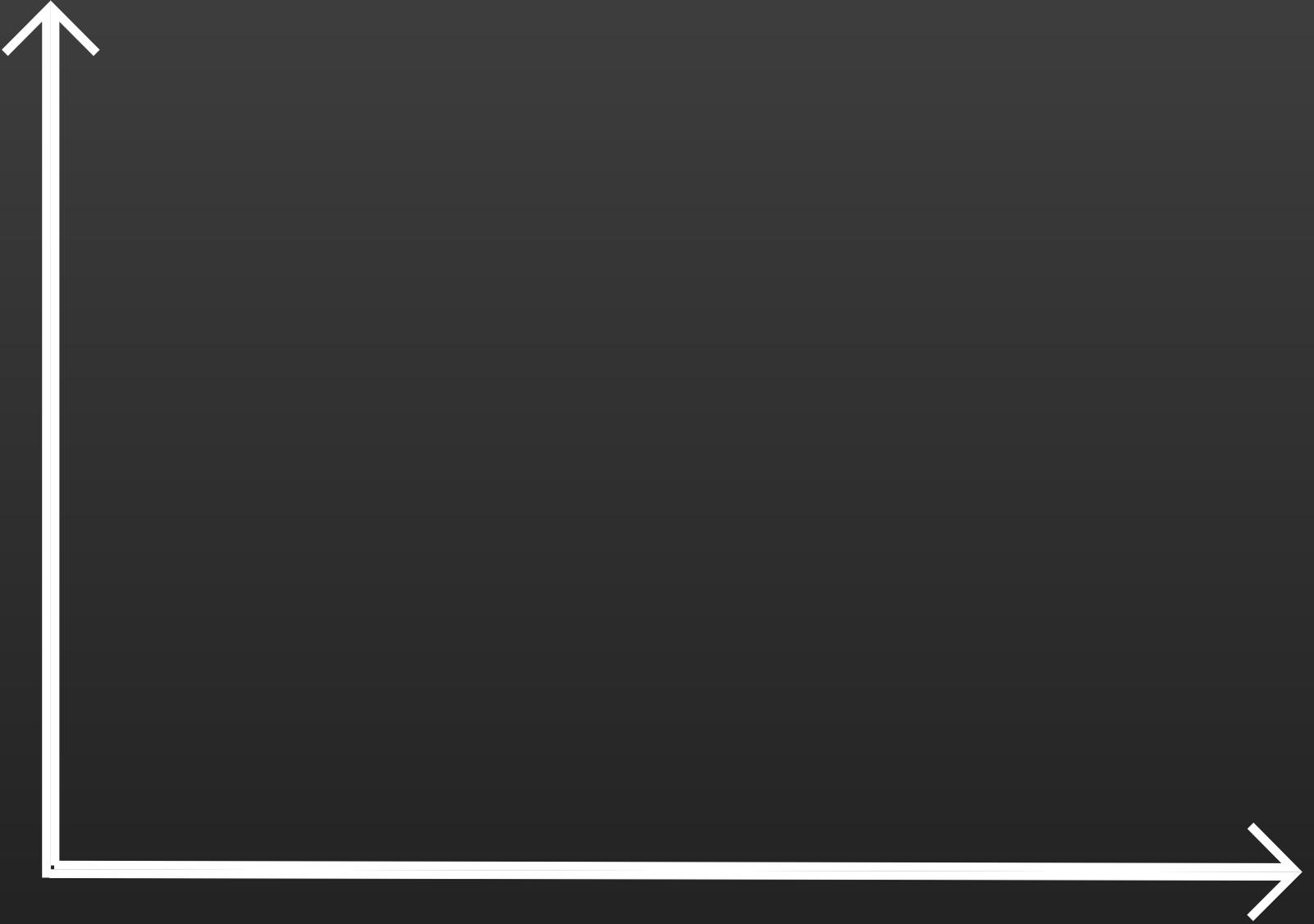
masak: "No, of course not. :)"

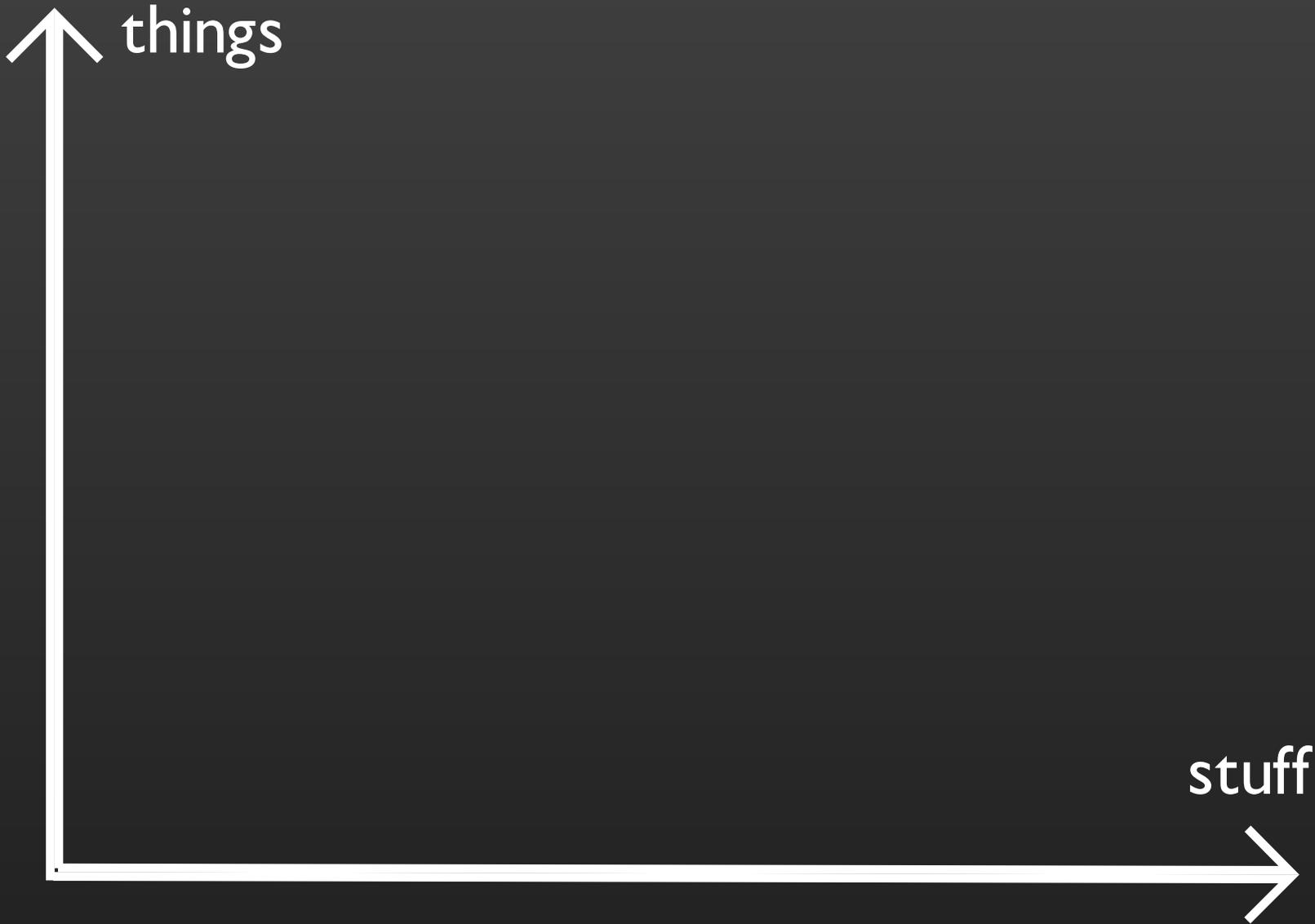
masak: "Well, yeah. :)"

not the real culprits

Chaos:

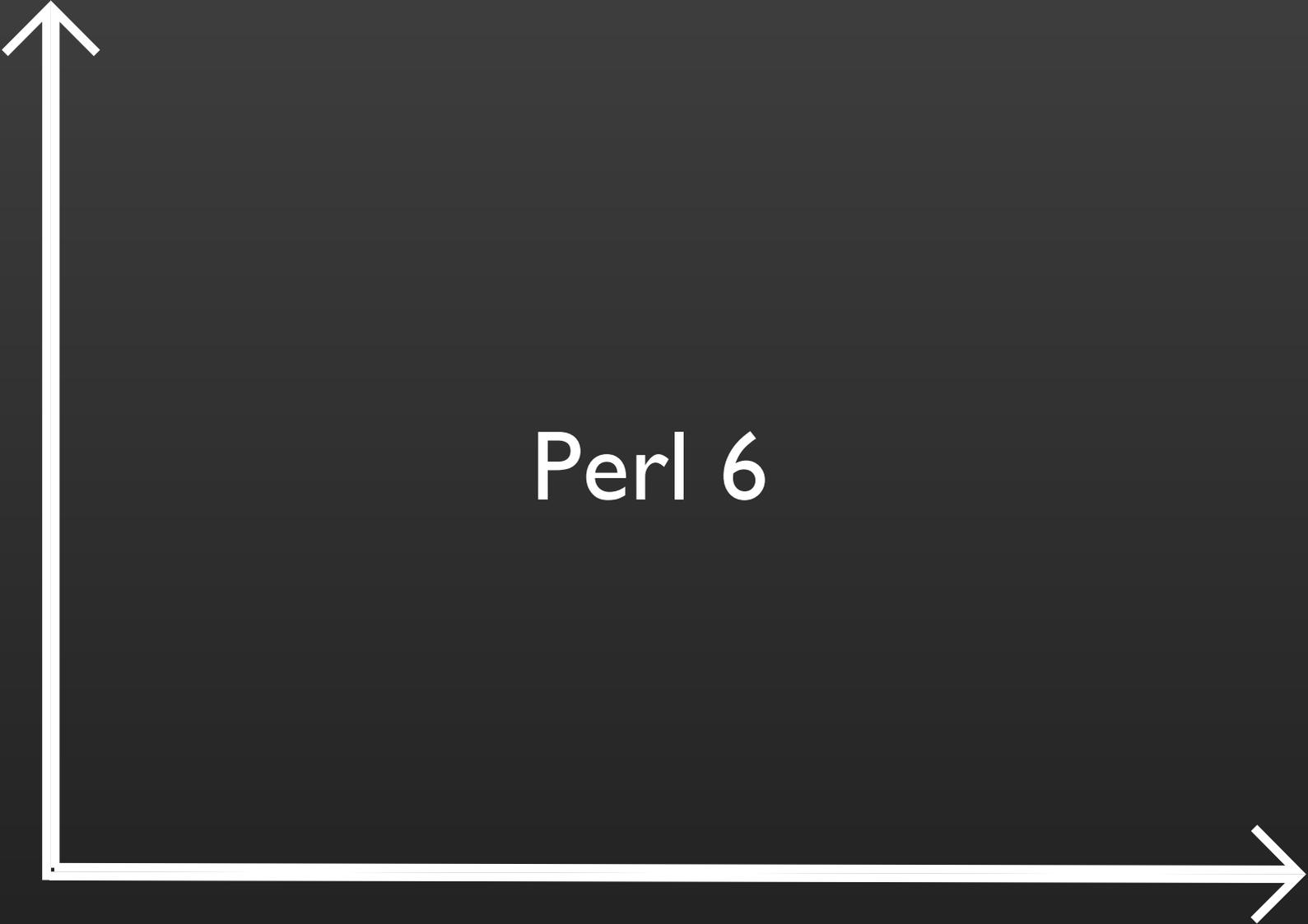
Entropy



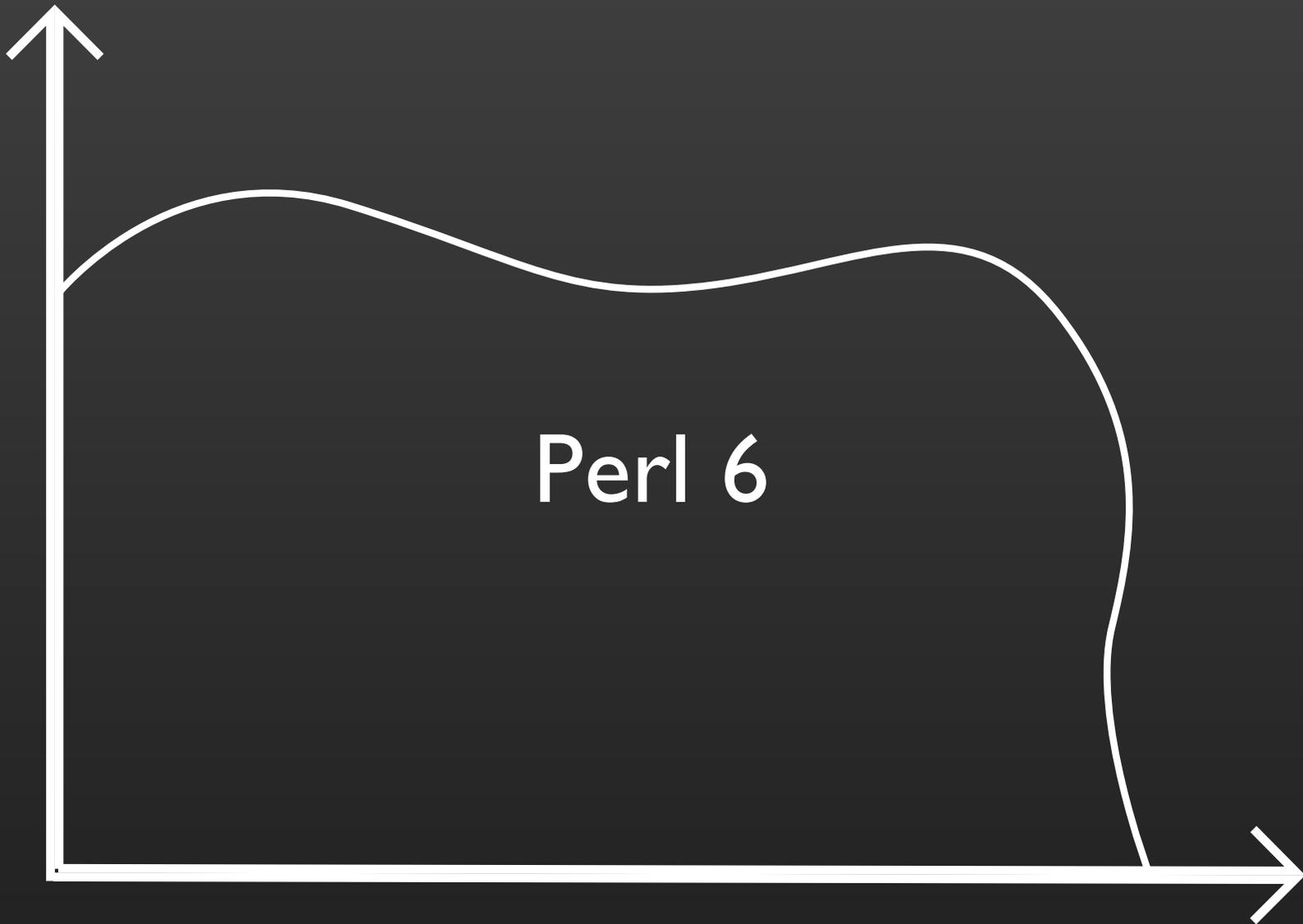


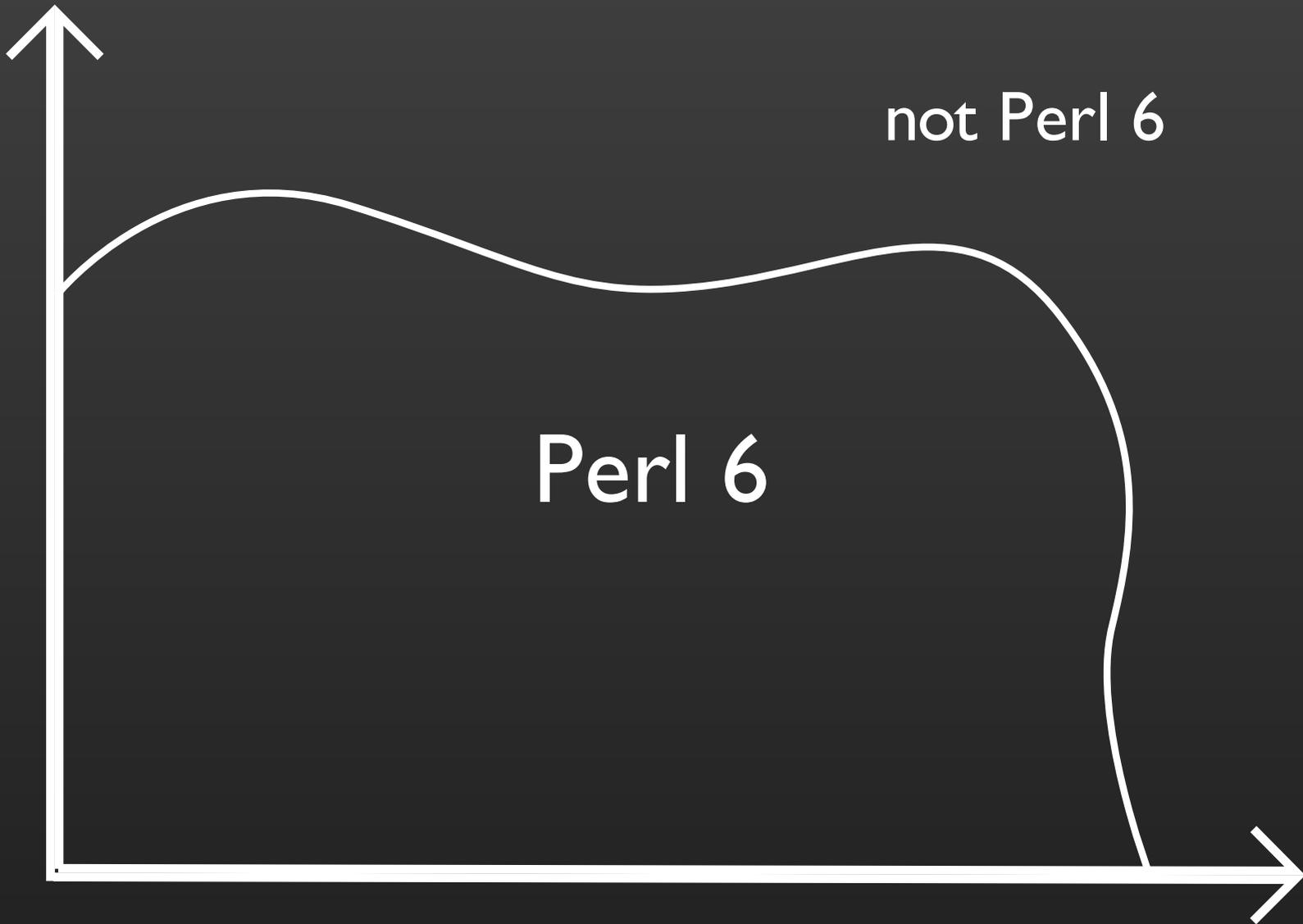
things

stuff



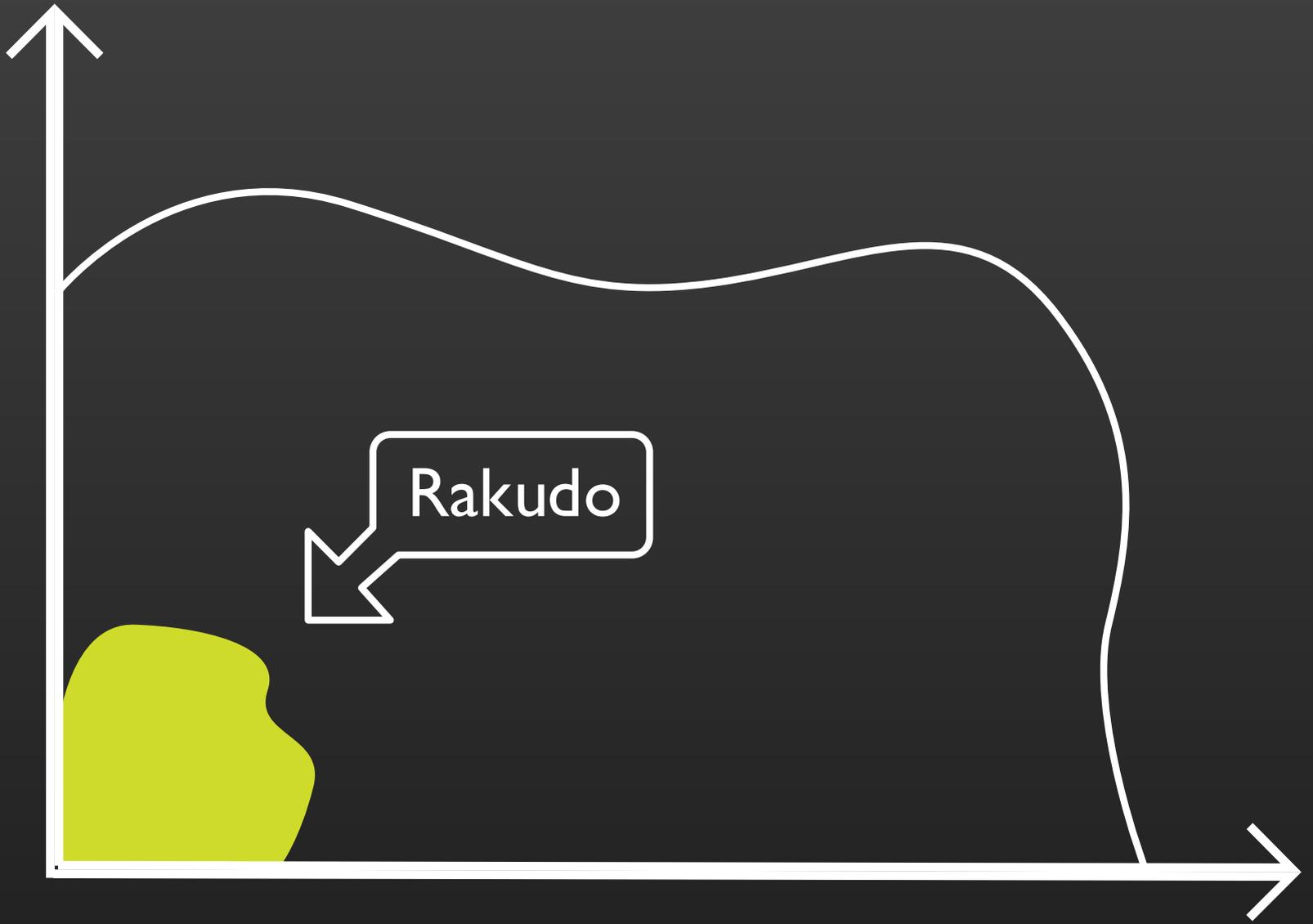
Perl 6



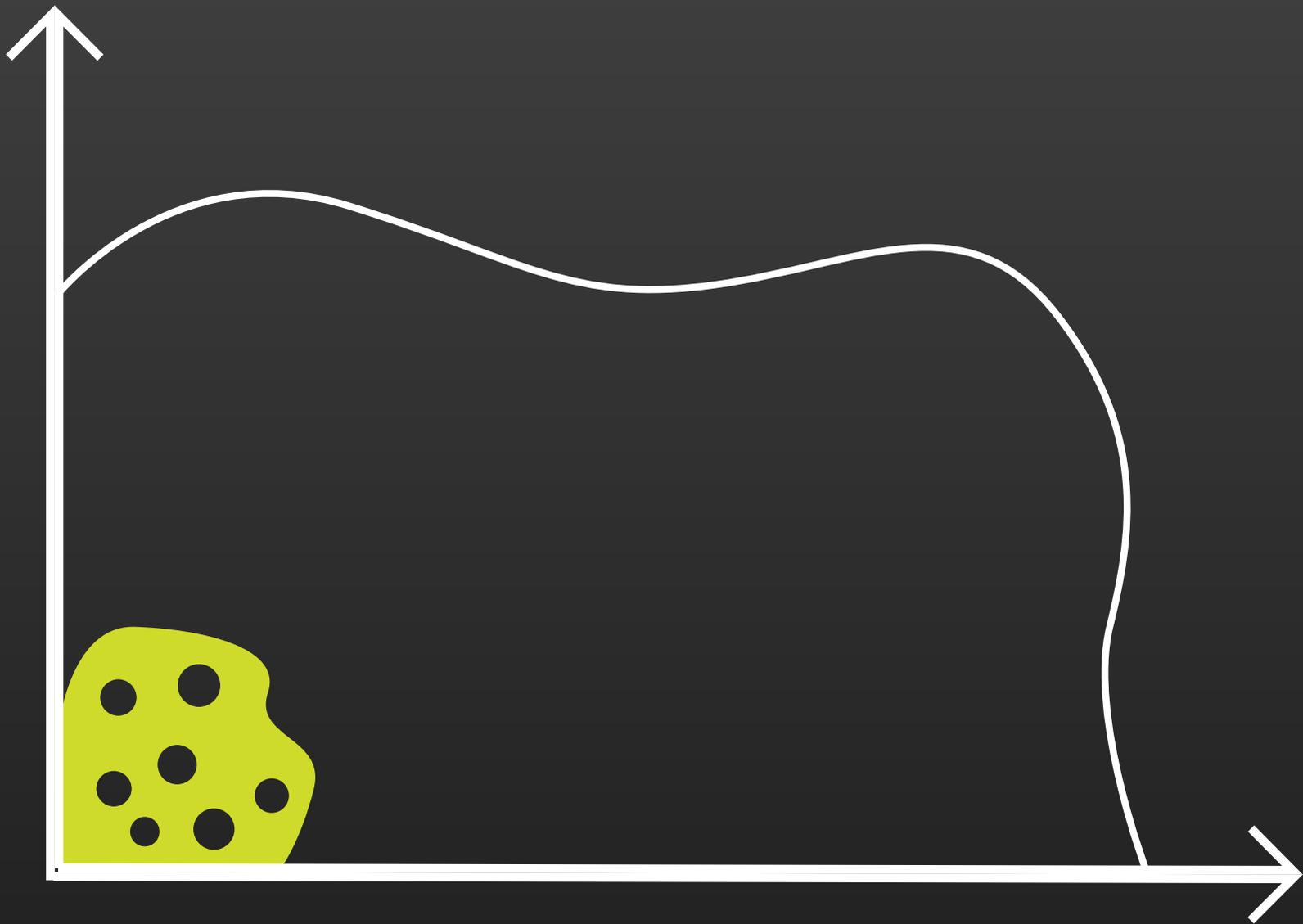


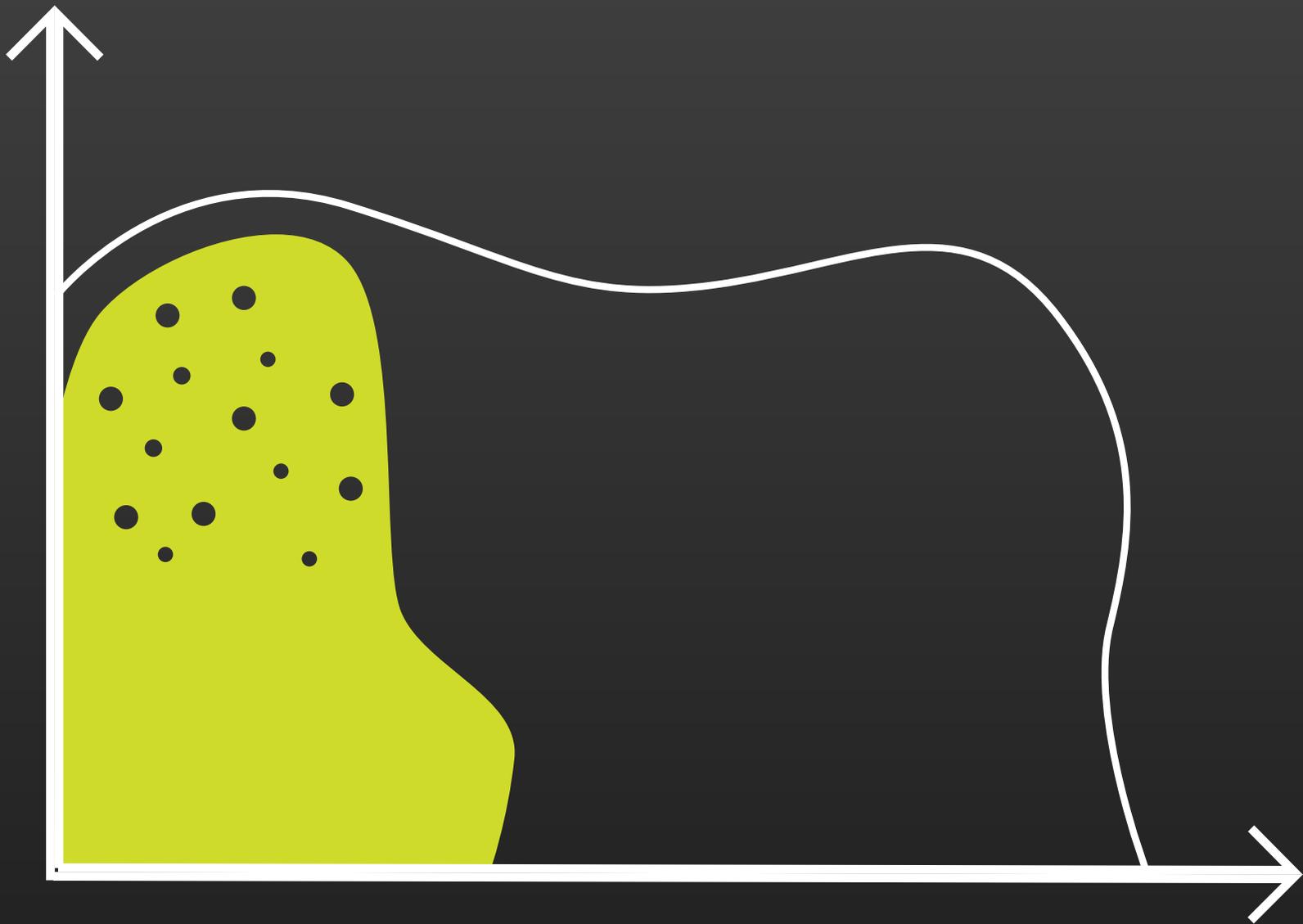
not Perl 6

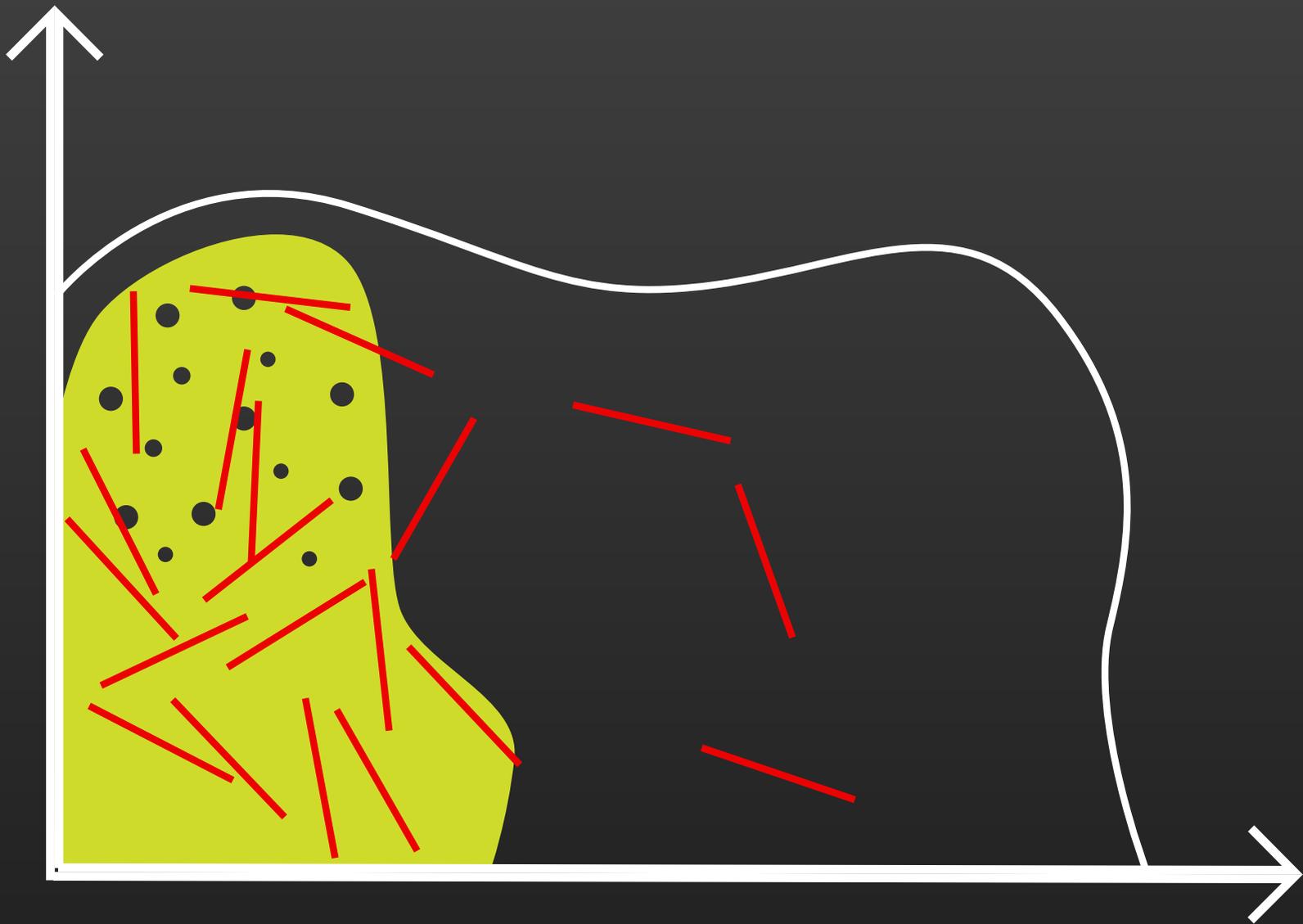
Perl 6

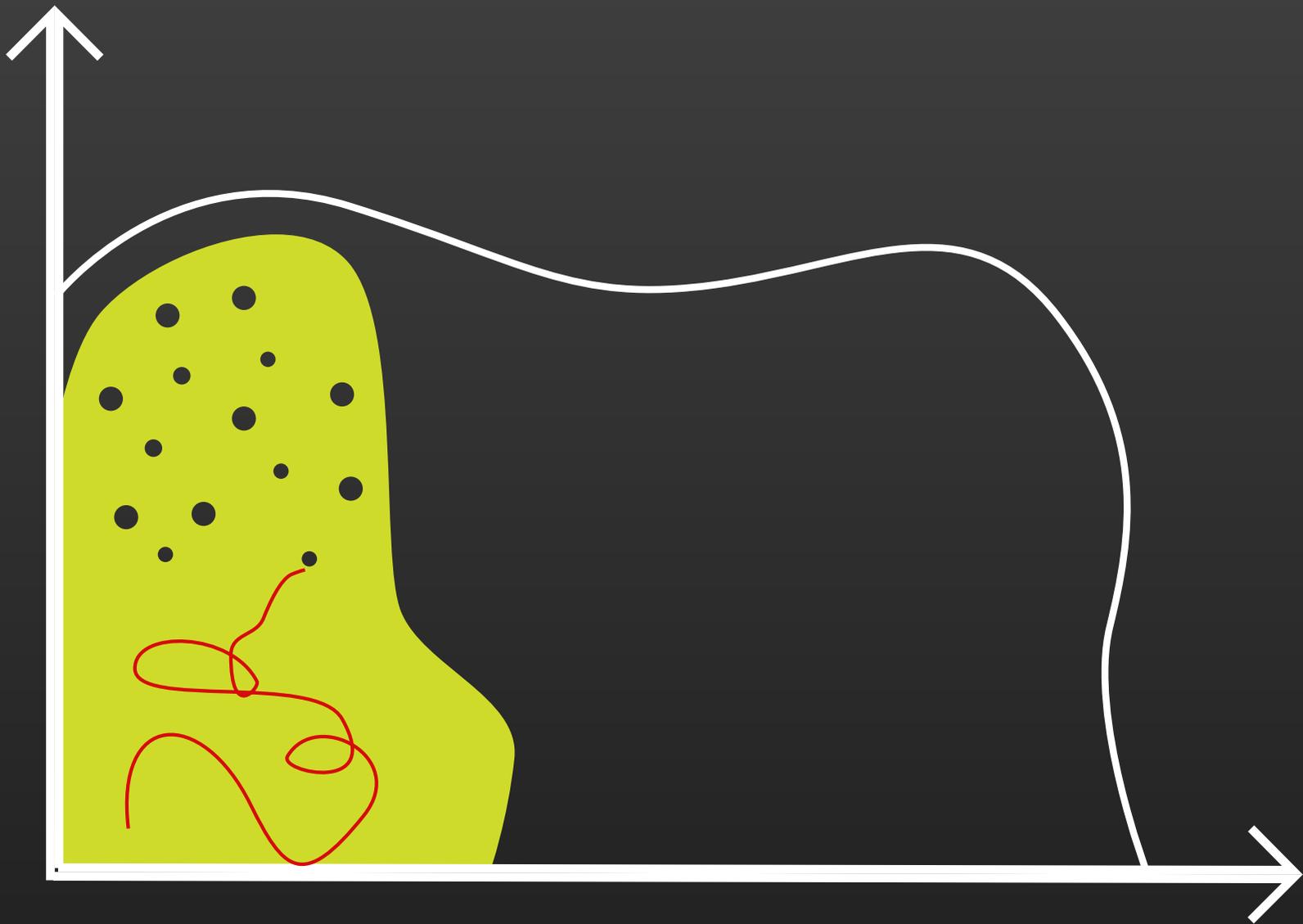


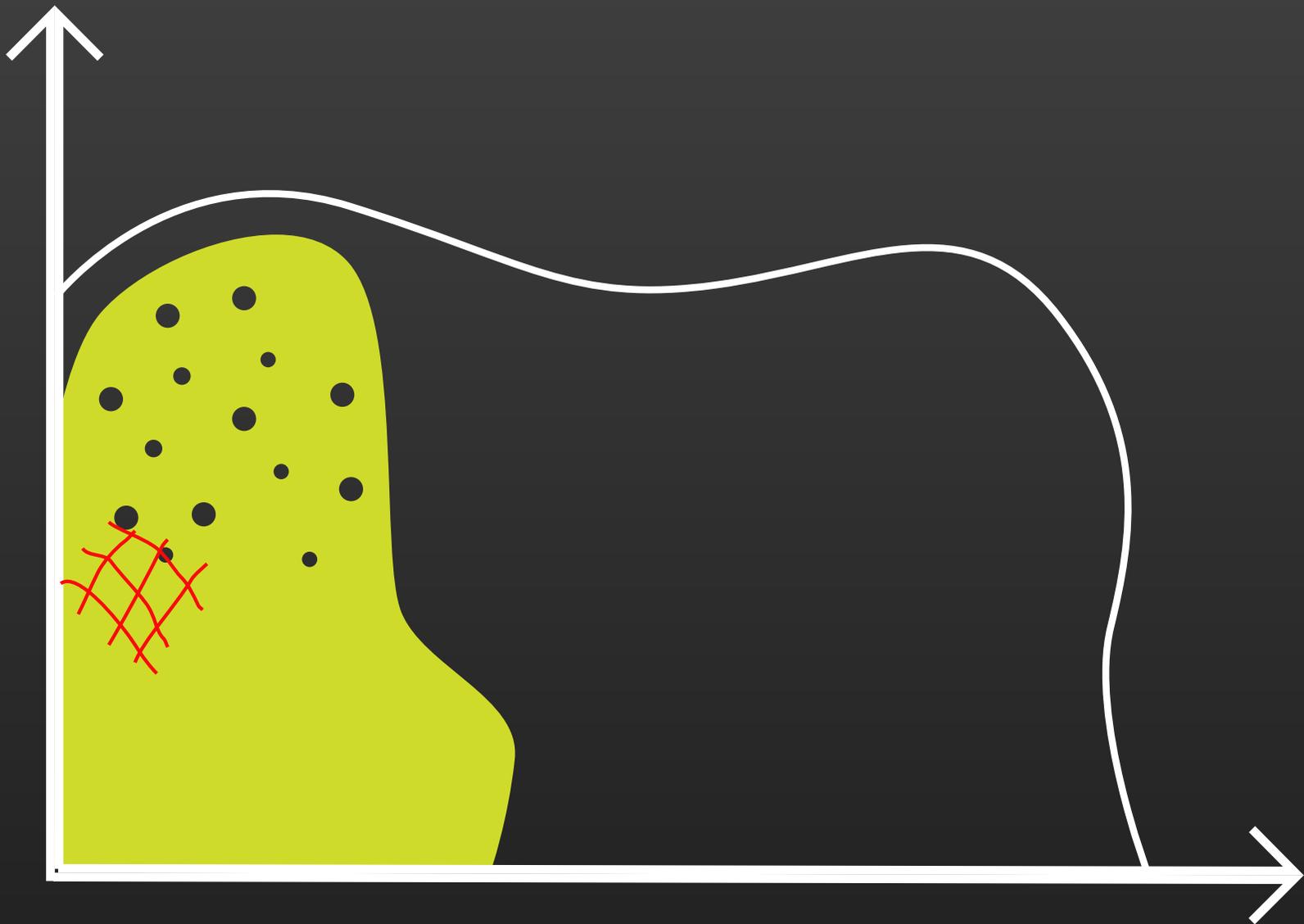
Rakudo











Chaos:

People

two people in Uppsala

coordinate

a third one in Vladivostok

difficulties

bad start

article tagging

nice

lots of code

lots of data model

masak: uhm.

masak: why tags?

ihrd: it was your idea!

masak: it was?

Beauty:

Projects

scripts

classes

scripts

modules

classes

scripts

projects

modules

classes

scripts

proto

"Well-Thought-Out Practices"

structure

Web.pm

request → CGI → Dispatch → Storage
→ Markup → Template → CGI → response

request → Web.pm → Dispatch → Storage
→ Markup → Template → Web.pm → response

request → Web.pm → Storage

→ Markup → Template → Web.pm → response

request → Web.pm → Storage
→ Markup → Web.pm → response

Conclusion

Perl 6 rocks!

use Perl 6!

Beauty and Chaos

strive for beauty

embrace chaos

try November

'november' on github

<http://november-wiki.org>

november-wiki @ Google groups

#november-wiki @ freenode

Have the appropriate
amount of fun.

kthxbai.

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amount of fun.

kthxbai.