

perl6.org

C-Day Is Coming

Elizabeth Mattijsen
5 September 2014

TM

Frustration

- This presentation came from a lot of frustration
- At a point, the verbal abuse becomes too much
- “First they ignore you, then they laugh at you, then they fight you, then you win”
- I guess we’re getting to the **fight** stage now :-(

PERL IS NOT DEAD, IT IS A
DEAD END



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speakerdeck.com/stevan_little/perl-is-not-dead-it-is-a-dead-end

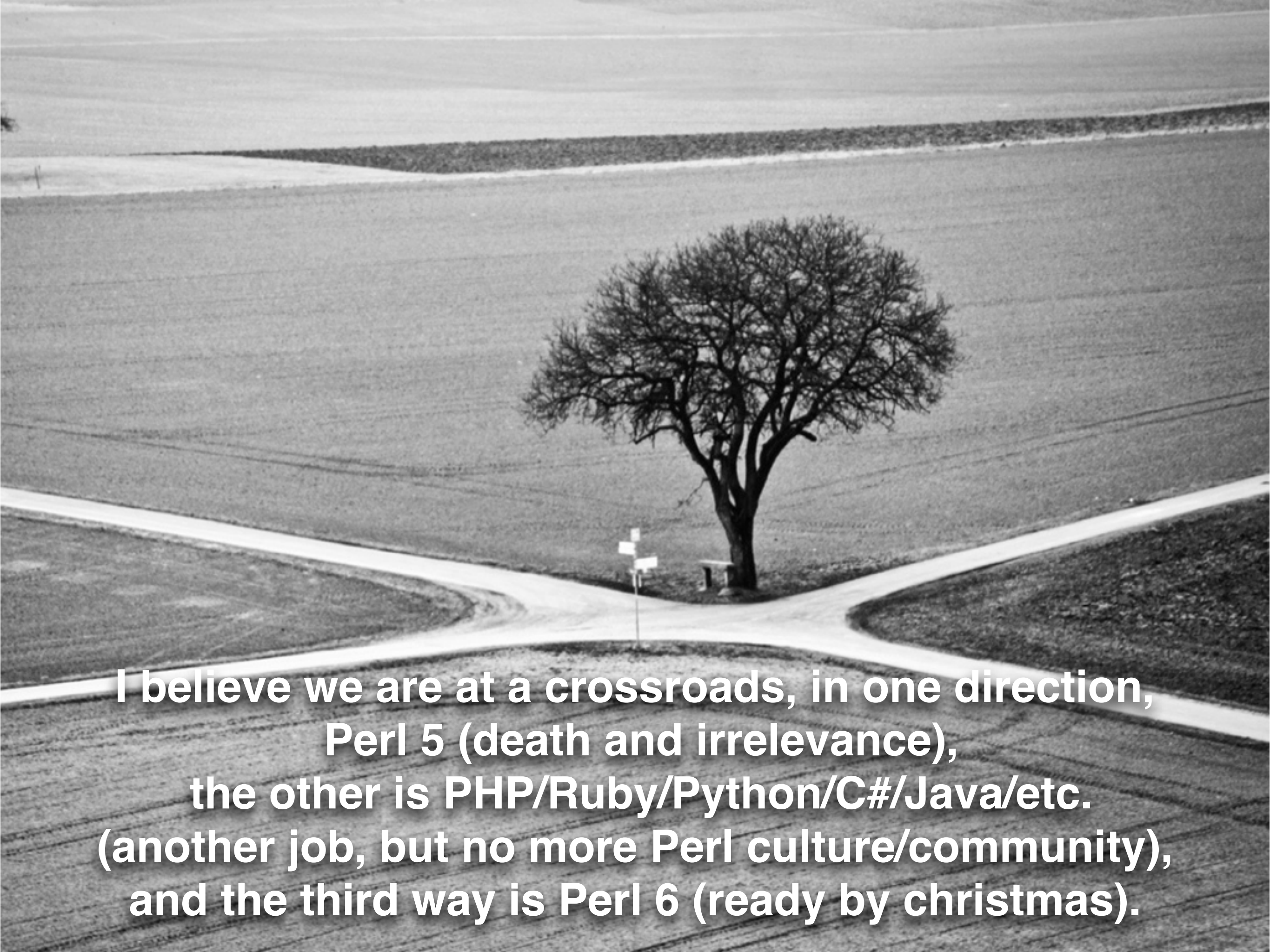
Hey, how would you like to maintain a 17 year old pile of very complex C code written by multiple authors and which has to maintain bug for bug compatibility with any random 25 year old codebases?

Oh, and did i mention? You won't be getting paid!
(at least not very much)



Perl 5 developers

- They're holding the fort
- They're covering our backs towards the future
- Please be nice to them!



**I believe we are at a crossroads, in one direction,
Perl 5 (death and irrelevance),
the other is PHP/Ruby/Python/C#/Java/etc.
(another job, but no more Perl culture/community),
and the third way is Perl 6 (ready by christmas).**

A black and white photograph of a landscape. In the center, a winding road or path curves through a field. A single, large, leafless tree stands prominently on the right side of the path. The background shows rolling hills and fields under a clear sky.

#dammitstevan

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the third way is Perl 6

Rakudo Perl 6

- Has now become a viable alternative
- The fittest survivor of the implementation evolution
- Larry Wall is committing to Rakudo Perl 6
- Please see “**A State of Perl 6**” later today

Rakudo Perl 6 and MoarVM Performance Advances

Jonathan Worthington

Performance Advances



Jonathan Worthington

<http://jnthn.net/papers/2014-yapceu-performance.pdf>

Perl Community

- The vocal
- The silent

CAFETERIA

Vocal **The Community**

Silent Perl Community

- A group of die-hard developers and users
- Who have continued over the years
- So that we can stand on their shoulders
- To create the future
- Thank **you!**

We shall fight with growing confidence and growing strength on the *Net*.

We shall defend our *Island*, whatever the cost may be!

We shall never surrender!

Even though this Island is subjugated and starving, the New World will step forth to the rescue and the liberation of the old!

Inspired by Sir Winston Churchill









C-Day Is Coming





It's a different language!

- Most learnt another language for a living
- Perl 6 is **not** that much different
- If you could learn language *X* for a living
- You sure can learn **Perl 6**



It's shouldn't be called Perl

- Sorry, **too late** for that now
- I never bought the sister language argument
- Perl is evolving, and this is it
- The new Perl is **Perl 6**



But the community...

- If you are still programming Perl 5
- Please feel welcome to try Perl 6
- And find out it's really not that much different
- Just more logical, powerful, **future proof**
- Glad to see many trying out stuff now!



But the community...

- If you are just bitching about what could have been
- How things should have been done differently
- **STOP!**
- Either **join us** or **leave us!**
- In any case, **shut up!**



Stop stealing!

- Instead of spending time trying to **mimic** Perl 6
- Be constructive in **another** way
- Spend your (unpaid!) time on **Perl 6** instead
- Only a **small list** of features needed for **6.0.0**
- **You** can be part of that!



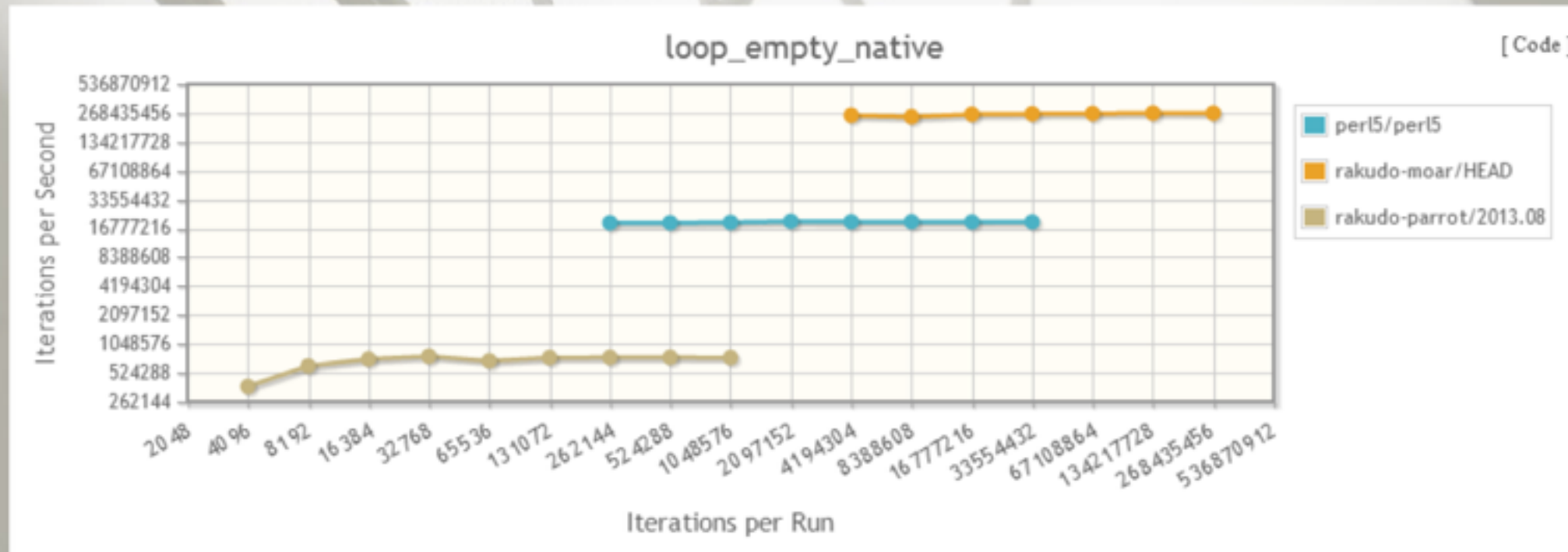
Want to pre-compile?

- Rakudo Perl 6 allows for pre-compilation of code
- Loading pre-compiled typically ~120x as fast
- Think about it: with '**use v5**'
- Your Perl 5 cgi-bin scripts could load faster

Great news: natives



Awesome, thanks to JIT. Here, we're 14x faster than Perl 5, and 355x faster than 2013.08!



A glimpse of the future



No time to write XS?

- Jitting of Rakudo Perl 6 does that for you!
- Your carefully written Business Logic
- May lose its performance issues automagically
- In combination with '**use v5**' if you're using Perl 5



We value all contributions

- If you want to contribute to Perl 6
- There is **always** something you can do!
- We need more people looking at documentation
- Writing tutorials, or simply just try things
- And tell us there's something amiss (if there is)

An Introduction by a Newbie

- Learn **Perl 6** in **Y** minutes
- The best thing we have to an intro at the moment
- <http://learnxinyminutes.com/docs/perl6/>

Are you curious?

- Get **Rakudo Star** 2014.08!
- Compiler with lots of useful modules
- <http://rakudo.org/downloads/star/rakudo-star-2014.08.tar.gz>
- Also runs on **Windows** as a one-click!
- <http://rakudo.org/downloads/star/rakudo-star-2014.08-moar.msi>

How to try Perl 6

(as a **tester**)

- The Rakudo equivalent of **perlbrew**:
- <https://github.com/tadzik/rakudobrew>
- Allows you to be easily up to **blead**

How to try Perl 6

(as a **contributor**)

- `mkdir foo && cd foo`
- `git clone https://github.com/rakudo/rakudo.git`
- `cd rakudo`
- `perl Configure.pl --gen-moar`
- `make install`
- `install/bin/perl6 -v`

Examples?

- Rosetta Code
- <http://perl6.org/community/rosettacode>
- Perl 6 Advent Calendar
- <https://perl6advent.wordpress.com>
- Jonathan Worthington's presentations with examples
- <http://jnthn.net/articles.shtml>

Support?

- fine folks of the #perl6 channel on irc.freenode.org
- blogs: <http://planeteria.org/perl6/> (temp unavailable)
- from Perl 5: <http://perlgeek.de/en/article/5-to-6>
- the nitty gritty: <http://perlcabal.org/syn/>

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Questions?

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