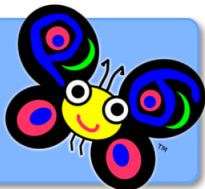# Introduction To Perl 6 Modules

Jonathan "Duke" Leto

Perl 6 Modules

Flavors of Perl 6

- Rakudo - Perl 6 on Parrot Virtual Machine
- Niecza - Perl 6 on Mono
- Perlito
- SMOP - C+DSLs
- Elf - Ruby
- STD.pm - Larry's Implementation in Perl 6 (gimme5)
- v6.pm - Source filter for Perl 5
- Pugs - Haskell (composting)
- others ...

What are Perl 6 Modules?

Just like Perl 5 modules, Perl 6 modules are units of
distributable and useful code.
The CPAN of Perl 6 is called http://modules.perl6.org

Which flavors of Perl 6 to use?

Different flavors of Perl 6 have implemented different feature sets.
Rakudo Perl 6 currently has the largest feature set and the most number of current contributors.

How Do I Start Writing a Perl 6 Module?

Anatomy of a Perl 6 Module

Writing Tests for a Perl 6 Module

Running Tests for a Perl 6 Module

Getting Involved

Hack Session

Ok, let's do some hacking already.

- Checkout source code (git clone ...)
- Build Rakudo
- Run the Perl 6 Test Suite (long but fun!)
- Submit bugs if any tests fail
- Experiment!

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What is Perl 6?

Getting Started

Let's Jump In

Thanks

- Larry
- Eric Wilhelm
- Patrick Michaud
- The Perl Foundation
- Everyone working on Parrot, Rakudo and Perl 6
- PDX.pm for listening to my rants

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Resources

- http://perl6.org
- http://modules.perl6.org
- TODO: perl 6 planet
- #perl6 on irc.freenode.net
- #parrot on irc.perl.org