

(A Flavor of Perl 6)

Duke Leto

Getting Involved With Rakudo (A Flavor of Perl 6)

What is Perl 6?

Getting Started

Let's Jump In

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Flavors of Perl 6

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

What is Rakudo?

The Way Of The Camel = "Rakuda-do"
 \implies *Rakudo, which happens to mean*
"paradise" in Japanese.

- Perl 6 implementation on the Parrot Virtual Machine
- Still lives in **languages/perl6** directory of Parrot
- Fierce development in the last few weeks
- Aiming to be the first production Perl 6 implementation
- 1.0 ? Sometime before Xmas

Getting Involved

- <http://trac.parrot.org/parrot/wiki/NewParrotDeveloperGuide>
- Help finish porting the Wiki from SocialText to TracWiki on parrot.org
- Beginner tutorials are sorely needed
- Fix/contribute documentation
- Report bugs on your platform/set up a BuildBot slave
- Blog your Rakudo/Perl 6 experiences to combat FUD

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Can You Smell The Bacon?

\$sum = [+] @x;	# sum all elements of @x
\$smallest = [min] \$a, \$b, \$c, \$d;	# minimum
\$issorted = [<=] @x;	# true if @x is sorted
\$fact = [*] 1..\$n;	# \$n factorial



PROTIP:
perldoc foo.pir

Hack Session

Ok, let's do some hacking already.

- Checkout source code (svn co ...)
- Build parrot and perl6 (make perl6)
- Build docs (make html)
- Run tests for parrot and perl6
- Submit bugs if any tests fail
- Experiment!

Thanks

- Larry
- Eric Wilhelm
- Jerry Gay
- Patrick Michaud
- The Perl Foundation
- Everyone working on Parrot, Rakudo and Perl 6

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Resources

- <http://rakudo.org>
- <http://parrot.org>
- <http://perlsphere.net>
- #perl6 and #parrot on freenode
- #pdx.pm on irc.perl.org