Rakudo

Peri 6 On Parrot

Written in Perl 6

Parser is in Peri 6 rules

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    $<sym>=[unless]
    <EXPR> <block>
    {*}
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Parse tree to AST transform in NQP

```
method unless_statement($/) {
    my $then := $( $<block> );
    $then.blocktype('immediate');
    my $past := PAST::Op.new(
        $( $<EXPR> ), $then,
        :pasttype('unless'),
        :node( $/ )
    make $past;
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Features

Features (Before GPW)

Variables Conditionals Loops

Partial Implementation Junctions

Classes Methods Attributes Inheritance

mod_perl6

During your talks, I did some hacking...

Role Composition Now Works

Started parsing grammars and rules too

```
regex Year {\d\d\d\d};
regex Location {German|French|Italian|London|Dutch|Ukrainian};
regex PerlConference {<Location>\sPerl\sWorkshop[\s<Year>]?};
if "German Perl Workshop 2008" ~~ PerlConference {
    say "GPW 2008 is a Perl conference.";
if "French Perl Workshop" ~~ PerlConference {
    say "FPW is a Perl conference.";
if "RailsConf" ~~ PerlConference {
    say "RailsConf is not a Perl conference.";
```

My approach: breadth first implementation

Coming soon

Support for writing built-ins in Perl 6

More work on grammars, match objects and so on

What people doing stuff in Perl 6 ask for

www.rakudo.org