



MiniPerl®

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What?

- Yet another Perl6 compiler
- Deliberately incomplete
- Just meant to compile itself
- Bootstrapped

Why?

- You can write compilers with it
- A Perl6 compiler is being written with mp6
- Perl6-in-Perl6

So what?

- mp6 is written in... itself
- no CPAN dependencies
- doesn't need Pugs
- doesn't need Parrot

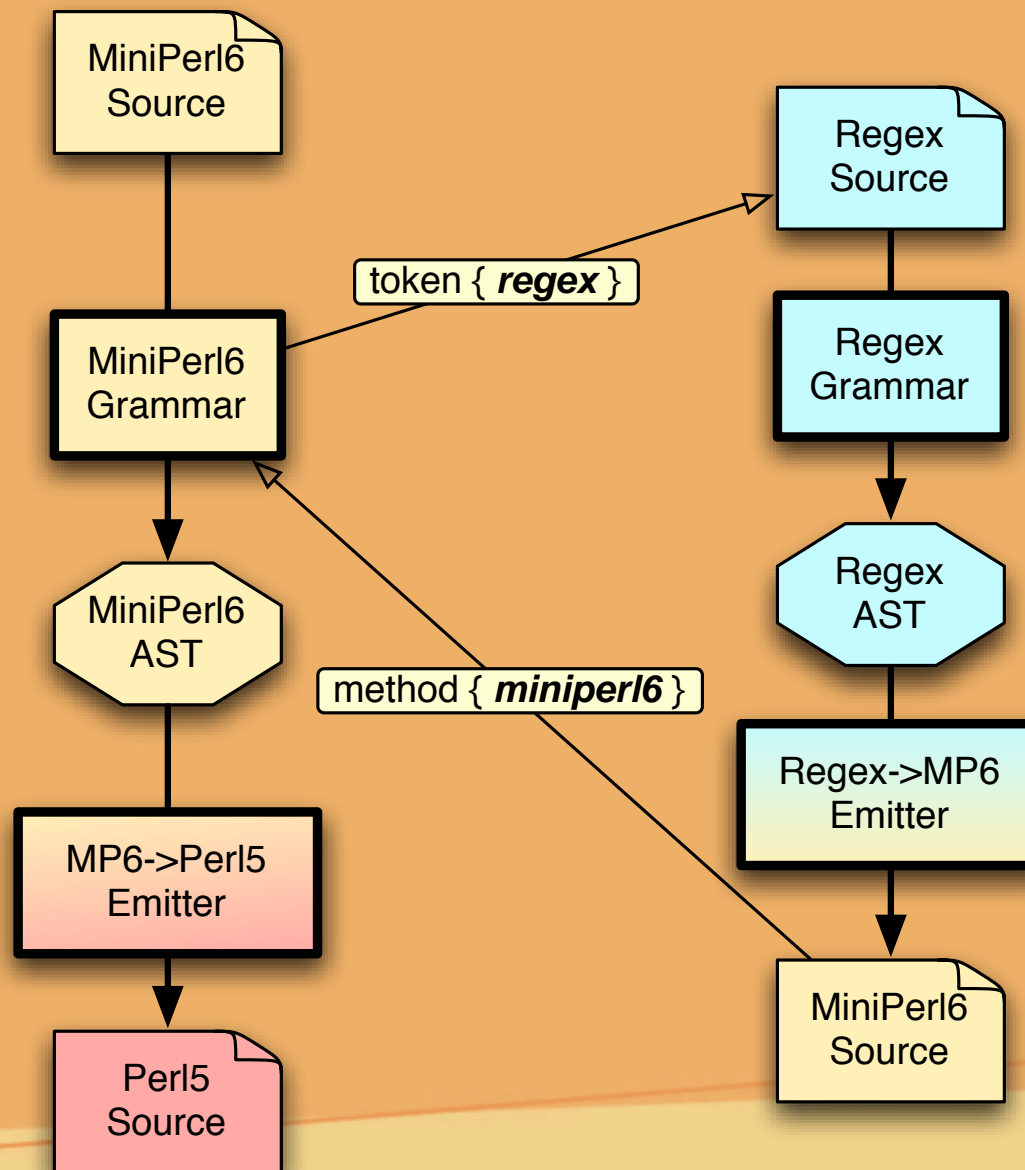


hmm - how it works then?

- Compiler “image”
- Somebody created an mp6 executable file
- `mp6 -i mp6.pl -o mp6`
 - (not exactly)



The mp6 compiler



What it looks like

```
class Rul::Constant {  
  has $.constant;  
  method emit {  
    my $str := $.constant;  
    Rul::constant( $str );  
  }  
}
```

grammar

```
token ident_digit {  
    [ [ <word> | _ | <digit> ] <ident_digit>  
    | <null>  
    ]  
};
```

```
token ident {  
    [ <word> | _ ] <ident_digit>  
};
```


That's a plan



- mp6 is “stable”
- Perl6-in-Perl6 written in mp6
 - kp6 = KindaPerl6
- Perl6-in-Perl6 written in Perl6





Alcabou

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