Read; Eval;
Print; Loop;

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• Other scripting languages (famously Python) have an “Interactive Shell”

• **Read** one line; **Evaluate** the code; **Print** the result of the statement; **Loop**;

• This is great for rapid, iterative testing and development (e.g. exploring APIs)
REPL in Perl

- The grand-daddy: `perl -d -e 1`
- The big daddy: `Devel::REPL`
- The new kid on the block: `Reply`
- Usually we have features such as plugins, profiles, and init scripts
Reply

• Created in 2013
• Quite lightweight (no Moose/Moo/etc)
• Ships with nice plugins
• I suggest you add:
  • Term::ReadLine::Zoid ("export PERL_RL=Zoid")
  • B::Keywords
  • Class::Refresh
.replyrc

script_line1 = use strict
script_line2 = use warnings
script_line3 = use 5.016002

[AutoRefresh]
[Interrupt]
[FancyPrompt]
[DataPrinter]
[Colors]
[ReadLine]
[Hints]
[Packages]
[LexicalPersistence]
[ResultCache]
[Timer]
[Autocomplete::Packages]
[Autocomplete::Keywords]
[Autocomplete::Lexicals]
[Autocomplete::Functions]
[Autocomplete::Globals]
[Autocomplete::Methods]
[Autocomplete::::Commands]
Demo