Debugging is a code smell

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Section 1

Debugging

Ira Glass quote

Graph of the amount of debugging over time

Think in the long term

Read the classics

Learn your tools

use –help

rails g model –help

read documentation

:cheat readline :!ri Range.to_a :DevDocs google it

Look for alternatives before you reach for a debugger

Rubber duck debugging

Stop coding / go for a walk. / Go to sleep

Proofread your code

Readline shortcuts in vim, irb, and terminal emulator

Pair programming

Proofread

TDD / small changes

Code is very abstract. Make it physical.

The mythical man-month The programmer, like the poet, works only slightly removed from pure thought-stuff. He builds his castles in the air, from air, creating by exertion of the imagination. Few media of creation are so flexible, so easy to polish and rework, so readily capable of realizing grand conceptual structures.

Write things down

Examine code in a REPL

xpath in javascript console

Learn the debugging tools

Frontend debugging

`Web console. debug gem. pry, byebug. Debug adapter protoc`
`Marginalia gem, better errors`

Static analysis tools

Rubocop, reek - refactoring martin fowler Refactoring your code will help you keep your classes small and maintainable and also easier to reason about.

debug.rb

rdbg –open=chrome

open the gem to view the source code gem open rspec

Does a github issue exist?