

Ruby 関西勉強会, 2018/03/17,  
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# Build **Awesome** Command-Line Applications **in Ruby 2**

Control Your Computer,  
Simplify Your Life

by David Bryant Copeland  
( 2013, The Pragmatic Programmers )

by 西谷@関学・理工・情報科学

The  
Pragmatic  
Programmers

# Build Awesome Command-Line Applications in Ruby 2

Control Your Computer,  
Simplify Your Life



David Bryant Copeland

The Facets  of Ruby Series

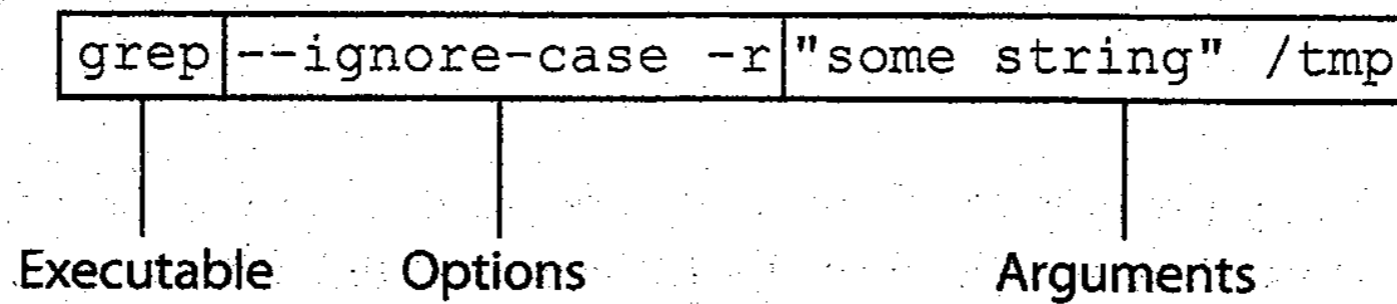


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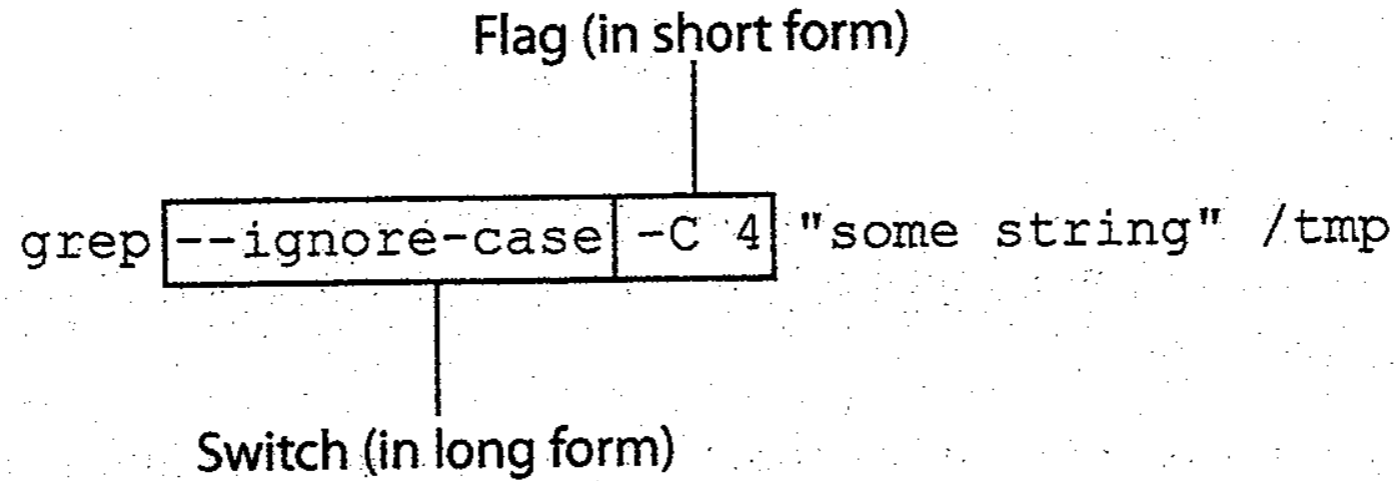
- Introduction
- Have a Clear and Concise Purpose
- Be Easy to Use
- Be Helpful
- Play Well with Others
- Delight Casual Users
- Make Configuration Easy, Distribute Painlessly, Test, Test, Test... Be Easy to Mantain, Common Command-Line Gems and Libraries

- Graphical user interfaces(GUIs) are great for a lot of things: ...
  - pros: much kinder to newcomers,
  - cons: esoteric key board shortcut, script and automate
- This is all beside the point; we are software developers, and we write programs. What could be more natural than using code to get our work done? Consider the following command sequence:  
> cd ~/Projects/cli  
> vi chapter2.md  
While these two commands might strike you as opaque, they are a highly efficient means of editing a file.
- For most of my career, the command line meant a UNIX shell, like bash. ...
- Then, in the mid-1990s, as Java grew in popularity, ... clis came to be seen as archaic.

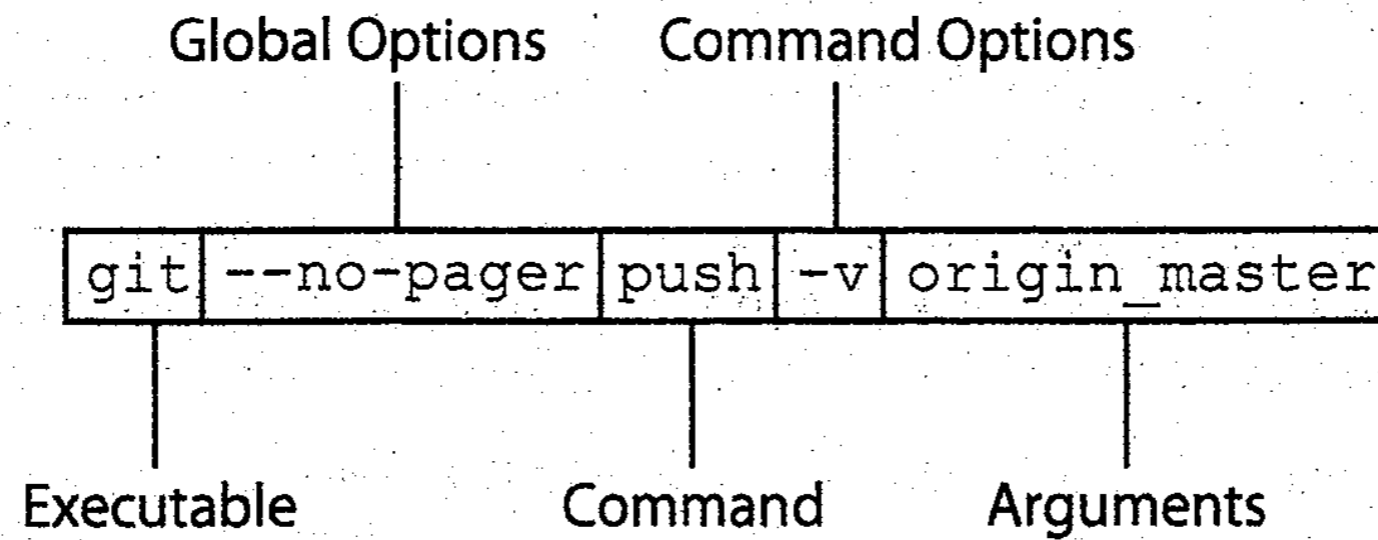
- The problem is, there are too many tasks that don't fit the model of these tools; ...
- In the mid 2000s, I started to take notice of Ruby, Rails and the amazing community built up around these tools. To my surprise (and delight), almost everything was command-line driven. ... this was the first time I'd noticed such a strong embrace of the command line in the "post-Java" world.



**Figure 1—Basic parts of a command-line app invocation**



**Figure 2—A command-line invocation with switches and flags**



**Figure 3—Basic parts of a command-suite invocation**

- gli:
- Three common ones(open source tools to help us parse the command-suite interface) are commander, thor, and GLI
- not to mention written by the author of this book...
- Its(GLI) syntax is similar to commander and thor, with all three being inspired by rake
- we'll take advantage of a feature of GLI called scaffolding.



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