

10 Things We Didn't Cover: Ruby

Ruby is a language that was created in Japan by Yukihiro “Matz” Matsumoto, and is a blend of many different languages (Perl, Eiffel, Lisp, etc). The goal was to balance function and imperative programming, making it “natural, not simple” (“About Ruby”). Ruby itself is a free coding language, and is ranked among the top 10 in terms of programming languages (“About Ruby”).

According to the Ruby documentation, everything is seen as an object, even more so than Python. It is also an incredibly flexible language, as it allows users to alter the language at will. For example, the coder can redefine operators as they see fit (“About Ruby”). Blocks are also a feature of Ruby, similar to PHP or Visual Basic. Ruby uses single inheritance and replaces the functionality of multiple inheritance with mixins and modules (“About Ruby”). There are countless other implementations of Ruby, such as MRI, CRuby, Rubinius or mruby.

According to the “Getting Started with Rails” webpage, Rails is a “web application development framework written in the Ruby programming language”. This framework makes assumptions about what developers need to get started programming web applications, and allows users to write less code while accomplishing the same tasks if not more. It is on “rails” in the fact that the framework believes there is an ideal way to do things and will push users away from different solutions.

Both of these things together allow ease of web development, and while there is debate on whether or not Ruby or Python are better to know for web development, there is no doubt that Ruby should still be learned as old web development projects created in Ruby do have to be maintained (Dawson).

Work Cited

“About Ruby” www.ruby-lang.org/en/about/. Accessed 29 Nov. 2022.

Dawson, William. “Ruby Vs Python-Which Is Better For Web Development?” *CODERSERA*, 5 Oct. 2020, codersera.com/blog/ruby-vs-python-which-is-better-for-web-development/. Accessed 29 Nov. 2022.

“Getting Started with Rails” *Ruby on Rails Guides*, guides.rubyonrails.org/getting_started.html. Accessed 29 Nov. 2022.