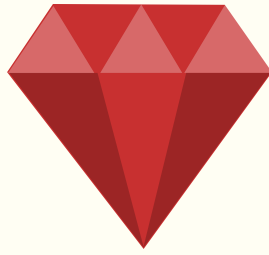


# On 7 Languages

**By Jasper Lutz**

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On Ruby

Ruby is a dynamic, reflective, object-oriented, general-purpose programming language. It was designed and developed in the mid-1990s by Yukihiro "Matz" Matsumoto in Japan.

Ruby embodies syntax inspired by Perl with Smalltalk-like features and was also influenced by Eiffel and Lisp. It supports multiple programming paradigms, including functional, object-oriented, and imperative. It also has a dynamic type system and automatic memory management. Therefore, it is similar in varying degrees to Smalltalk, Python, Perl, Lisp, Dylan, and CLU.

Here is some Ruby:

```
1 # Output "I Love Ruby"
2 say = "I love Ruby"
3 puts say
4
5 # Output "I *LOVE* RUBY"
6 say['love'] = "*love*"
7 puts say.upcase
8
9 # Output "I *Love* Ruby"
10 # five times
11 5.times { puts say }
```