



Ruby

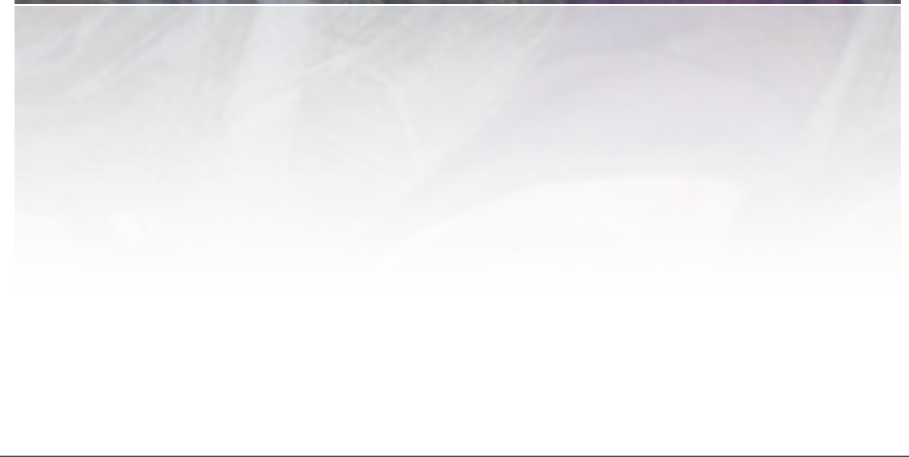
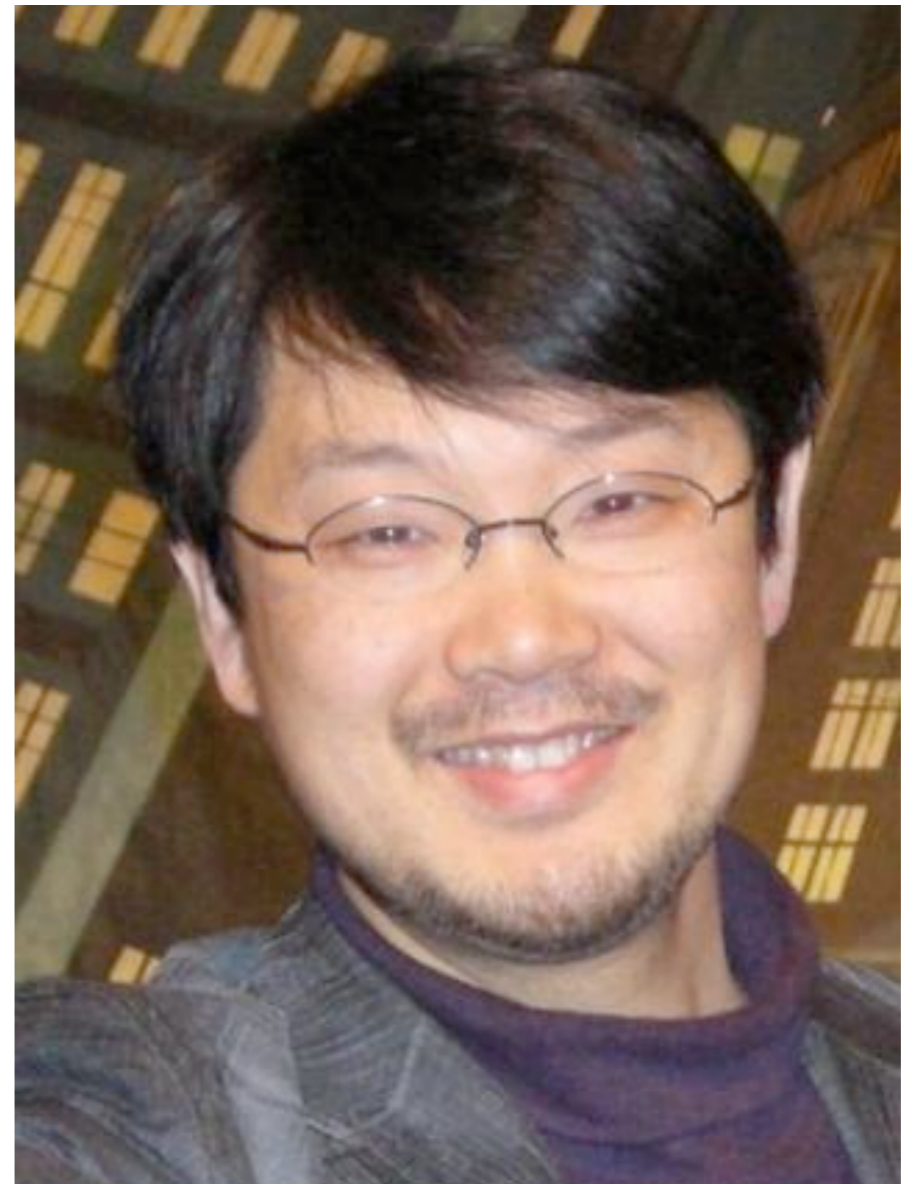
Projekt, Community, Entwicklungsprozesse

Ruby


- Geschichte
- Features
- Community
- Bug #454

Yukihiro
“Matz”
Matsumoto

まつもとゆきひろ



Geschichte

- Feb. 1993: Ruby ist geboren 
- Dez. 1994: Erste Alpha-Version
- 25. Dez. 1996: Ruby 1.0
- März 2007: Ruby 1.8.6
- 26. Dez. 2007: Ruby 1.9

Hintergrund

- “I felt scripting was the way to go [...] I wanted a scripting language that was more powerful than Perl, and more object-oriented than Python. That’s why I decided to design my own language.” - Matz

POLS

- “[...] the ‘principle of least surprise.’ I believe people want to express themselves when they program. They don’t want to fight with the language. Programming languages must feel natural to programmers. I tried to make people enjoy programming and concentrate on the fun and creative part of programming when they use Ruby.” - Matz

Features

```
-199.abs
```

```
# 199
```

```
"ruby is cool".length
```

```
# 12
```

```
"Rick Astley".index("c")
```

```
# 2
```

```
"Nice Day Isn't It?".downcase.split(//).sort.uniq.join
```

```
# " ?acdeinsty"
```

Features

```
5.times { puts "Hello World" }
```

```
sample_array.each { |item| puts item }
```

```
(1..10).collect { |x| x*x }  
# => [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```


Features

```
def use_hello  
  yield "hello"  
end
```

```
# Invoke the above method, passing it a block.  
use_hello { |string| puts string } # => 'hello'
```

```
File.open('file.txt', 'w') do |file|  
  file.puts 'Wrote some text.'  
end # File is automatically closed here
```

Community

- www.ruby-lang.org
- Lizenz: Ruby License, GPL
- Subversion
- Mailinglisten

Japan

- Matz und Kernentwicklerteam sind Japaner, leben in Japan und kommunizieren (vorrangig) über eine japanische Mailingliste
- 1997/98: Erste englische Doku/ML
- 2002: 23 japanische Bücher, 2 englische
- “Check-in dates should be given in Japan Standard Time (UTC+9)”

Bug #454

- “URI [module] does not follow the last RFC about URI syntax”
- RFCs 2732/2396 vs. RFC 3986
- >> `URI.escape('http://www.example.com/the page.html#fragment')`
`"http://www.example.com/the%20page.html%23fragment"`
- ~12 Zeilen Patch

Q&A

2008-12-19

Jonas Witt