



**Ruby**  
*A Programmer's Best Friend*

# Ruby installieren und ausführen

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# Quellen

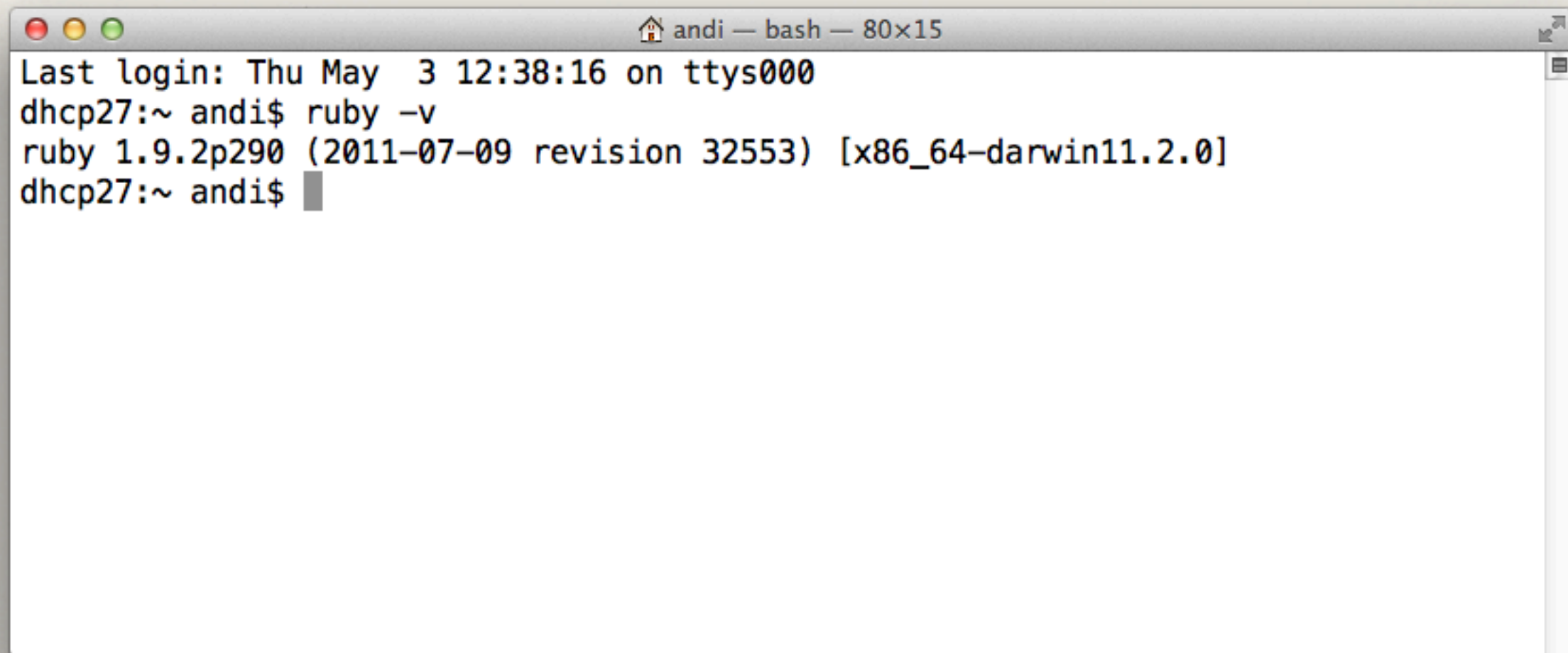
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- ❖ Auf dem System vorinstalliert
- ❖ Mit der lokalen Paketverwaltung
- ❖ <http://www.ruby-lang.org/en/downloads/>
- ❖ <https://rvm.io/rvm/install/>



# Lokale Ruby - Version ermitteln

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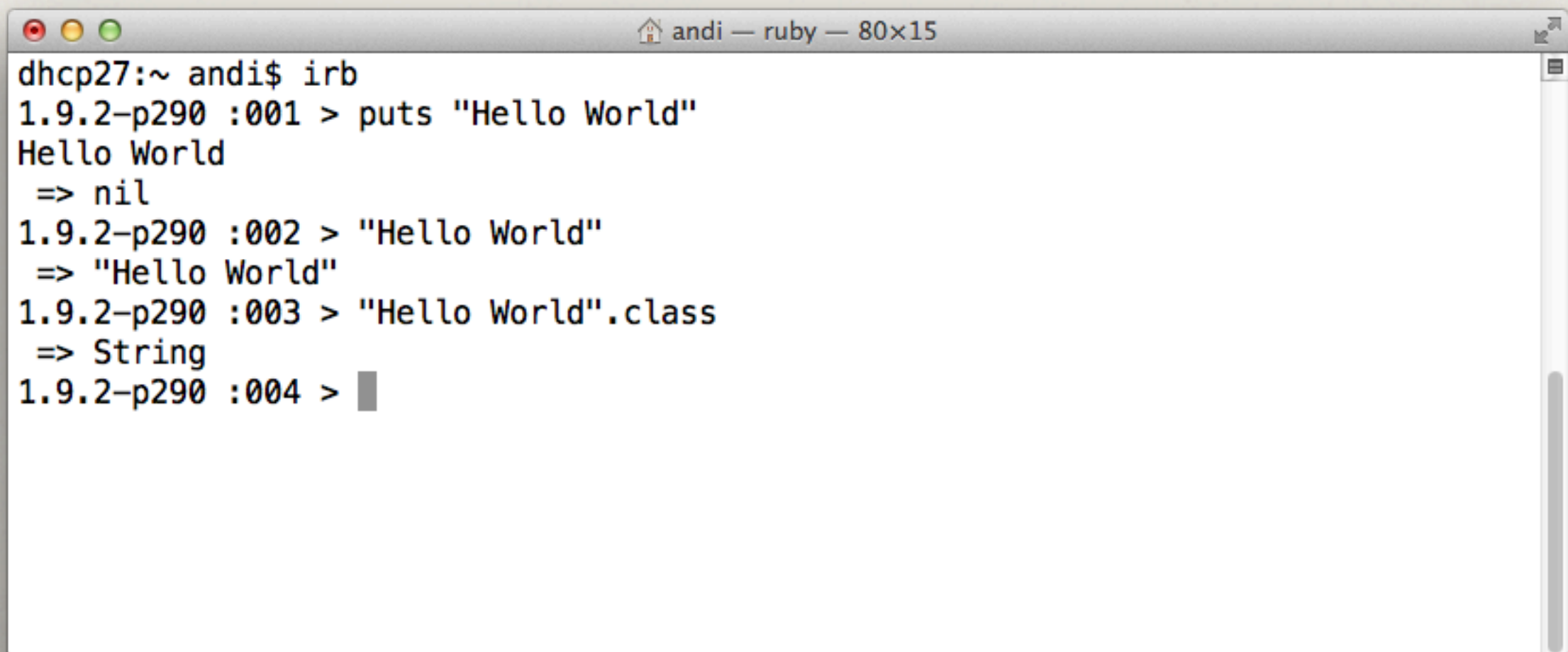
A screenshot of a macOS terminal window. The title bar shows a home icon, the name 'andi', the shell 'bash', and the window size '80x15'. The terminal content shows a login message, a command to run 'ruby -v', and its output: 'ruby 1.9.2p290 (2011-07-09 revision 32553) [x86\_64-darwin11.2.0]'.

```
andi — bash — 80x15
Last login: Thu May  3 12:38:16 on ttys000
dhcp27:~ andi$ ruby -v
ruby 1.9.2p290 (2011-07-09 revision 32553) [x86_64-darwin11.2.0]
dhcp27:~ andi$
```

# Den Ruby-Interpreter nutzen

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- ❖ Der Interpreter wird mit dem Kommando *irb* gestartet

A screenshot of a terminal window titled 'andi — ruby — 80x15'. The terminal shows a session with the Ruby interpreter (irb). The user enters 'puts "Hello World"', which outputs 'Hello World' and returns 'nil'. Then, the user enters '"Hello World"', which outputs '"Hello World"' and returns '"Hello World"'. Finally, the user enters '"Hello World".class', which outputs 'String' and returns 'String'. The prompt '1.9.2-p290 :004 >' is visible at the bottom, followed by a cursor.

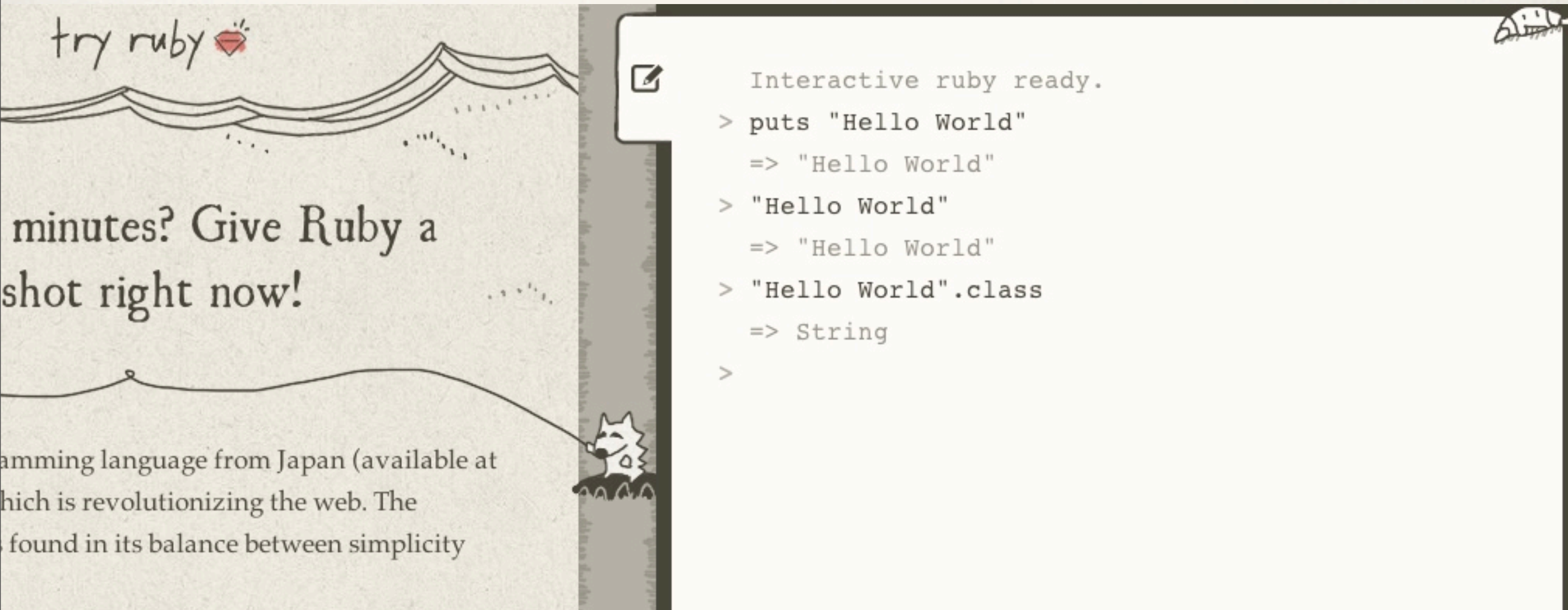
```
dhcp27:~ andi$ irb
1.9.2-p290 :001 > puts "Hello World"
Hello World
=> nil
1.9.2-p290 :002 > "Hello World"
=> "Hello World"
1.9.2-p290 :003 > "Hello World".class
=> String
1.9.2-p290 :004 > █
```




# Alternativ: Online irb

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❖ <http://tryruby.org>




try ruby 

minutes? Give Ruby a shot right now!

programming language from Japan (available at [http://tryruby.org](#)) which is revolutionizing the web. The beauty of Ruby is found in its balance between simplicity and power.



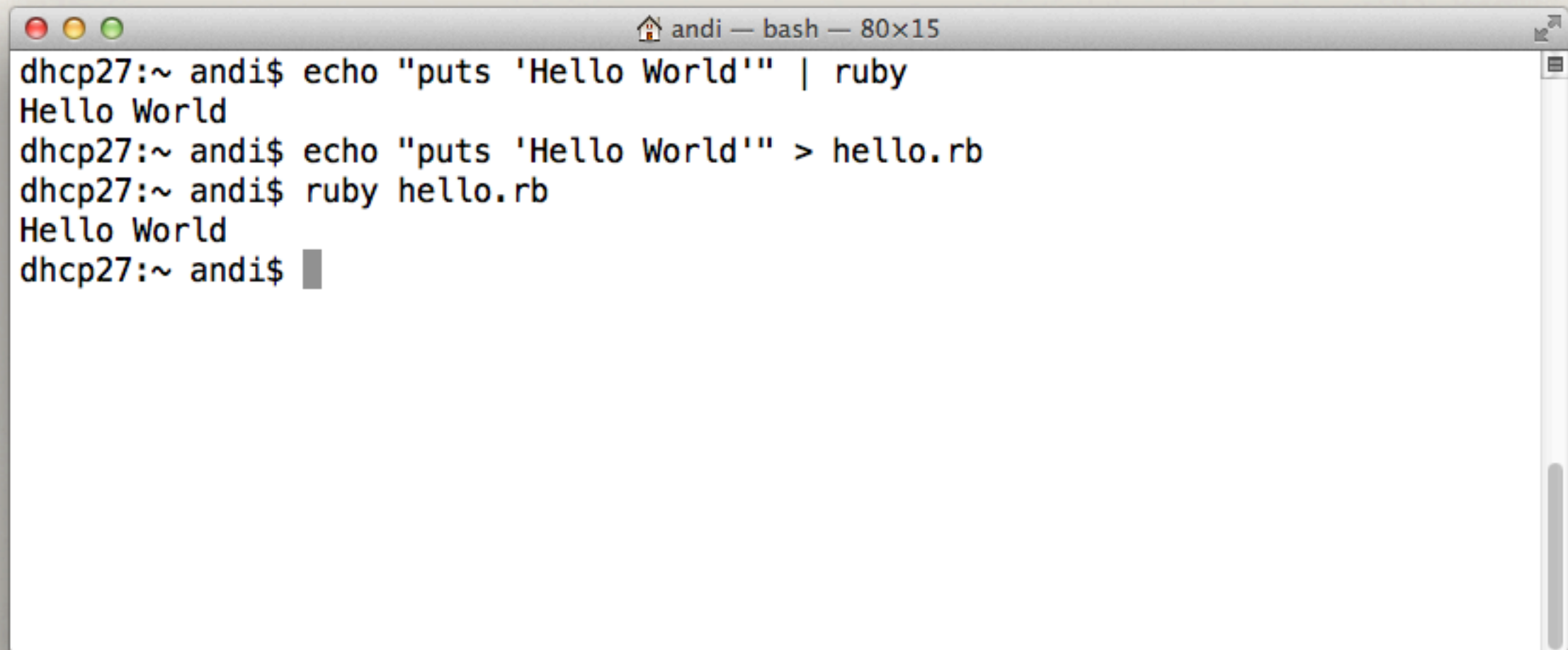
 Interactive ruby ready.

```
> puts "Hello World"
=> "Hello World"
> "Hello World"
=> "Hello World"
> "Hello World".class
=> String
>
```

# Ein Ruby-Skript ausführen

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- ❖ Zum ausführen von Skripten wird das Kommando *ruby* benutzt

A screenshot of a macOS terminal window. The title bar at the top shows three colored window control buttons (red, yellow, green) on the left, a home icon followed by the text 'andi — bash — 80x15' in the center, and a close button on the right. The terminal content shows a sequence of commands and their outputs. The first command is 'echo "puts 'Hello World'" | ruby', which outputs 'Hello World'. The second command is 'echo "puts 'Hello World'" > hello.rb'. The third command is 'ruby hello.rb', which also outputs 'Hello World'. The prompt 'dhcp27:~ andi\$' is visible at the end of each line, and a cursor is shown at the end of the final line.

```
dhcp27:~ andi$ echo "puts 'Hello World'" | ruby
Hello World
dhcp27:~ andi$ echo "puts 'Hello World'" > hello.rb
dhcp27:~ andi$ ruby hello.rb
Hello World
dhcp27:~ andi$
```