

# How to be friends with bundler

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## What is “be friends with bundler”???

- Slide: EN
- Talk: JA

Money Forward, Inc.

## Challenge 1: ruby DSL

```
ruby "2.3.0"  
source "https://rubygems.org"  
gem "ecdsa"
```

In Gemfile.

- Error out if the ruby version doesn't match

```
$ bundle
```

```
Your Ruby version is 2.3.1, but your Gemfile specified 2.3.0  
(exit code: 0)
```

You may use this with heroku app.

## History

Bundler v1.2.0 (Aug 30, 2012)

- add ruby to DSL, to specify version of ruby

## **bundle update**

- Tachikoma is a gem which helps **bundle update** and sends pull request.
- Tachikoma.io is **Bundle Update as a Service**.
- I'm a founder of both tachikoma gem and tachikoma.io :)

I use “one” ruby version, and run `bundle update` with Gemfile which has  
`ruby "2.3.0", ruby "2.3.1", ...`

## How to be friends with bundler

Run this before `bundle update`.

```
sh(*['ruby', '-i', '-pe', '$_.gsub! /^ruby/, "#ruby"', 'Gemfile'])  
:-)
```

<https://github.com/sanemat/tachikoma/blob/391307db508f29cde46957edf9baba38c7a2933e/lib/tachikoma/application.rb#L81>

## Challenge 2: BUNDLED WITH

GEM

```
remote: https://rubygems.org/  
specs:  
  ecdsa (1.2.0)
```

PLATFORMS

```
ruby
```

DEPENDENCIES

```
ecdsa
```

BUNDLED WITH

```
1.12.0
```

You can store bundler version in Gemfile.lock after `bundle update`.

## History

Bundler v1.10.0 (2015-05-28)

- Bundler v1.9 always removes BUNDLED WITH section.
- Bundler v1.10 always adds BUNDLED WITH section.

I use one bundler :(

## How to be friends with bundler

[https://github.com/packsaddle/ruby-restore\\_bundled\\_with](https://github.com/packsaddle/ruby-restore_bundled_with)

\$ restore-bundled-with

This restores BUNDLED WITH section from git repository.

## Challenge 3: RUBY VERSION

GEM

```
remote: https://rubygems.org/  
specs:  
  ecdsa (1.2.0)
```

PLATFORMS

```
ruby
```

DEPENDENCIES

```
ecdsa
```

RUBY VERSION

```
ruby 2.3.1p112
```

BUNDLED WITH

```
1.12.5
```

- If you write `ruby "2.3.1"`, then lock ruby version in Gemfile.lock.
- This allows you can write `ruby "~> 2.3.0"`.
- Cool!

## History

Bundler v1.12.0 (2016-04-28)

- `bundle update` with v1.12.0, always add RUBY VERSION section.
- `bundle update` with v1.12.5, if creating Gemfile.lock, then adding RUBY VERSION, if not then don't write RUBY VERSION in Gemfile.lock.

I use one ruby :)

### How to be friends with bundler

[https://github.com/packsaddle/ruby-restore\\_ruby\\_version](https://github.com/packsaddle/ruby-restore_ruby_version)

```
$ restore-ruby-version
```

This restores RUBY VERSION section from git repository.

This does not publish yet ;(

### Bundler v2.0

Future :)

- Gemfile -> gems.rb
- Gemfile.lock -> gems.locked

### How to be friends with bundler

```
if File.exist?('Gemfile')
  @bundler_key_file = 'Gemfile'
  @bundler_lock_file = 'Gemfile.lock'
elsif File.exist?('gems.rb')
  @bundler_key_file = 'gems.rb'
  @bundler_lock_file = 'gems.locked'
else
  @bundler_key_file = 'Gemfile'
  @bundler_lock_file = 'Gemfile.lock'
end
```

oh

<https://github.com/sanemat/tachikoma/blob/391307db508f29cde46957edf9baba38c7a2933e/lib/tachikoma/application.rb#L85-L94>

## Bundler v1.13

Bundler v1.13.0 (2016-09-09)

@sanemat And mention bundle patch? Now in prerelease version of Bundler. <https://twitter.com/JuanitoFatas/status/774138984729448448>

I don't battle be friends with bundler v1.13 yet, :)

To be continued...