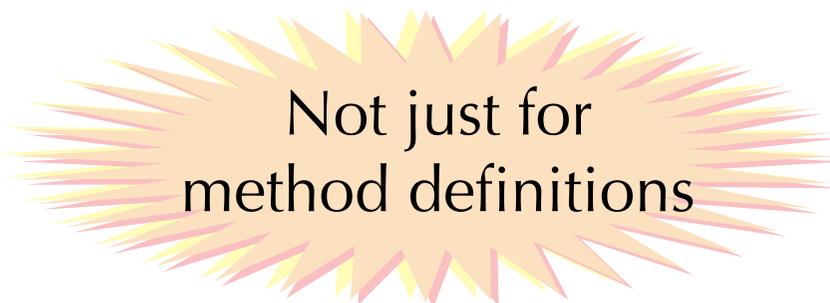


Destructuring

Hash destructuring

```
{a, b, c:3, **rest} = {a: 1, b: 2, z: 42}
a # => 1
b # => 2
c # => 3
rest # => {z: 42}
```



Not just for
method definitions

Complex destructuring

Example from CoffeeScript

```
futurists = {
  sculptor: "Umberto Boccioni",
  poet: { name: "F.T. Marinetti",
    address: ["Via Roma 42R", "Bellagio, Italy", 22021]
  }}

{poet: {name, address: [street, *rest]}, **others} = futurists
# sets the variables name, street, rest and others
```

Use cases:

- Quick parsing of data structures (JSON, web parameters, configuration settings)
- Useful in method definitions —> useful everywhere
- Useful for arrays —> useful for hashes

Feature #6414 also [ruby-core:41772]