Install It

```
$ gem install activesupport
$ gem install i18n   ◀········
```

not a dependency, but it is helpful

Load It

```
require 'active_support/all'
```

RUBY BITS

CORE EXTENSIONS: ARRAY

```
array = [0, 1, 2, 3, 4, 5, 6]

array.from(4) ·················▶ [4, 5, 6]
array.to(2) ···················▶ [0, 1, 2]
array.in_groups_of(3) ·········▶ [[0, 1, 2], [3, 4, 5], [6, nil, nil]]
array.split(2) ················▶ [[0, 1], [3, 4, 5, 6]]
```

removes the element it splits on

pads with nil

RUBY BiTS

CORE EXTENSIONS: DATE

```
apocalypse = DateTime.new(2012, 12, 21, 14, 27, 45)
```

▶ Fri, 21 Dec 2012 14:27:45 +0000

```
apocalypse.at_beginning_of_day
```

▶ Fri, 21 Dec 2012 00:00:00 +0000

```
apocalypse.at_end_of_month
```

▶ Mon, 31 Dec 2012 23:59:59 +0000

```
apocalypse.at_beginning_of_year
```

▶ Sun, 01 Jan 2012 00:00:00 +0000

ACTIVESUPPORT

RUBY BITS

CORE EXTENSIONS: DATE

```ruby
apocalypse = DateTime.new(2012, 12, 21, 14, 27, 45)
```

▶ Fri, 21 Dec 2012 14:27:45 +0000

```ruby
apocalypse.advance(years: 4, months: 3, weeks: 2, days: 1)
```

▶ Wed, 05 Apr 2017 14:27:45 +0000

```ruby
apocalypse.tomorrow
```

▶ Sat, 22 Dec 2012 14:27:45 +0000

```ruby
apocalypse.yesterday
```

▶ Thu, 20 Dec 2012 14:27:45 +0000

ACTIVESUPPORT

RUBY BITS

CORE EXTENSIONS: HASH

```
options = {user: 'codeschool', lang: 'fr'}
new_options = {user: 'codeschool', lang: 'fr', password: 'dunno'}
```

```
options.diff(new_options)
```
◀ · · · · difference between two hashes

· · · ▶ {:password=>"dunno"}

```
options.stringify_keys
```
◀ · · · · turn keys into strings

· · · ▶ {"user"=>"codeschool", "lang"=>"fr"}

RUBY BITS

ACTIVESUPPORT

CORE EXTENSIONS: HASH

```
options = {
  lang: 'fr',
  user: 'codeschool'
}
```

```
defaults = {
  lang: 'en',
  country: 'us'
}
```

```
options.reverse_merge(defaults)
```

```
{
  lang: 'fr',
  user: 'codeschool',
  country: 'us'
}
```
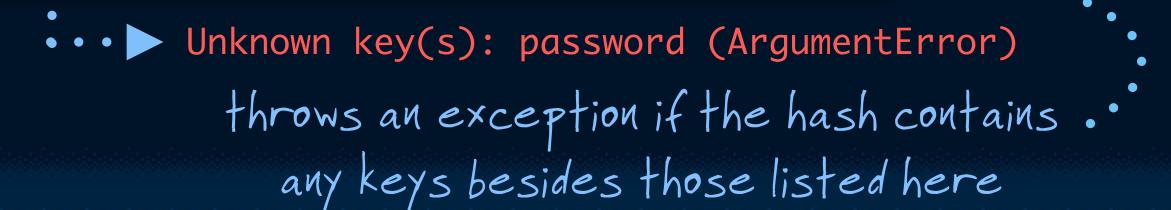
values from
this hash win

ACTIVESUPPORT

RUBY
BITS

CORE EXTENSIONS: HASH

```ruby
new_options = {user: 'codeschool', lang: 'fr', password: 'dunno'}
```

```ruby
new_options.except(:password)
```
◄ · · · · remove these keys

· · · ▶ {:user=>"codeschool", :lang=>"fr"}

```ruby
new_options.assert_valid_keys(:user, :lang)
```
◄ · · · · ·

· · · ▶ Unknown key(s): password (ArgumentError)

throws an exception if the hash contains
any keys besides those listed here

RUBY
BITS

```ruby
def background_class(index)
  return 'white' if index.odd?
  return 'grey' if index.even?
end
tweets.each_with_index do |tweet, index|
  puts "<div class='#{background_class(index)}'>#{tweet}</div>"
end
```

determine odd and even numbers

```
<div class='grey'>I had eggs for breakfast.</div>
<div class='white'>@codeschool pwns.</div>
<div class='grey'>Shopping!</div>
<div class='white'>Bedtime.</div>
```

RUBY BiTS

ACTIVESUPPORT

INFLECTOR

```
"#{1.ordinalize} place!"

            ▶  "1st place!"

"#{2.ordinalize} place."

            ▶  "2nd place."

"#{23.ordinalize} place."

            ▶  "23rd place."
```

ordinalize numbers to strings

RUBY BITS

INFLECTOR

```
"user".pluralize
```

    ⋯▶ "users"

```
"women".singularize
```

    ⋯▶ "woman"

```
"octopus".pluralize
```

    ⋯▶ "octopi"

pluralize and
singularize strings

◀⋯⋯ it knows common special cases

◀⋯⋯ and even some uncommon ones!

RUBY BITS

INFLECTOR

```
"ruby bits".titleize
```
◄······ capitalize every word

```
···► "Ruby Bits"
```

```
"account_options".humanize
```
◄······ add spaces and capitalize
first word

```
···► "Account options"
```

RUBY BITS

RUBY

BITS

PRESS START