

# Package ‘generator’

October 13, 2022

**Title** Generate Data Containing Fake Personally Identifiable Information

**Version** 0.1.0

**Description** Allows users to quickly and easily generate fake data containing Personally Identifiable Information (PII) through convenience functions.

**URL** <https://github.com/paulhendricks/generator>

**BugReports** <https://github.com/paulhendricks/generator/issues>

**Depends** R (>= 3.1.2)

**License** MIT + file LICENSE

**LazyData** true

**Suggests** testthat

**NeedsCompilation** no

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**Repository** CRAN

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## R topics documented:

generator . . . . .	2
r_credit_card_numbers . . . . .	2
r_date_of_births . . . . .	2
r_email_addresses . . . . .	3
r_full_names . . . . .	4
r_ipv4_addresses . . . . .	4
r_latitudes . . . . .	5
r_longitudes . . . . .	5
r_national_identification_numbers . . . . .	6
r_phone_numbers . . . . .	6
<b>Index</b>	<b>8</b>

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generator	<i>generator: Generate Data Containing Fake Personally Identifiable Information</i>
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**Description**

generator: Generate Data Containing Fake Personally Identifiable Information

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r_credit_card_numbers	<i>Generate random fake credit card numbers.</i>
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**Description**

Generate random fake credit card numbers.

**Usage**

```
r_credit_card_numbers(n)
```

**Arguments**

n	number of observations.
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**Value**

A character vector of n randomly generated credit card numbers.

**Examples**

```
r_credit_card_numbers(10)
```

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r_date_of_births	<i>Generate random fake date of birth values.</i>
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**Description**

Generate random fake date of birth values.

**Usage**

```
r_date_of_births(n, start = as.Date("1900-01-01"), end = Sys.Date())
```

**Arguments**

n                    number of observations.  
start                starting date.  
end                  ending date.

**Value**

A character vector of n randomly generated date of birth values.

**Examples**

```
r_date_of_births(10)  
r_date_of_births(10, start = as.Date("2000-01-01"))  
r_date_of_births(10,  
                  start = as.Date("2000-01-01"),  
                  end = as.Date("2100-01-01"))
```

---

*r\_email\_addresses*            *Generate random fake e-mail addresses.*

---

**Description**

Generate random fake e-mail addresses.

**Usage**

```
r_email_addresses(n)
```

**Arguments**

n                    number of observations.

**Value**

A character vector of n fake randomly generated e-mail addresses.

**Examples**

```
r_email_addresses(10)
```

---

r_full_names	<i>Generate random fake full names.</i>
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**Description**

Generate random fake full names.

**Usage**

```
r_full_names(n)
```

**Arguments**

n                    number of observations.

**Value**

A character vector of n fake randomly generated full names.

**Examples**

```
r_full_names(10)
```

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r_ipv4_addresses	<i>Generate random fake IPv4 address numbers.</i>
------------------	---

---

**Description**

Generate random fake IPv4 address numbers.

**Usage**

```
r_ipv4_addresses(n)
```

**Arguments**

n                    number of observations.

**Value**

A character vector of n randomly generated IP address numbers.

**Examples**

```
r_ipv4_addresses(10)
```

---

r_latitudes	<i>Generate random fake latitude values.</i>
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---

**Description**

Generate random fake latitude values.

**Usage**

```
r_latitudes(n)
```

**Arguments**

n                    number of observations.

**Value**

A character vector of n randomly generated latitude values.

**Examples**

```
r_latitudes(10)
```

---

r_longitudes	<i>Generate random fake longitude values.</i>
--------------	---

---

**Description**

Generate random fake longitude values.

**Usage**

```
r_longitudes(n)
```

**Arguments**

n                    number of observations.

**Value**

A character vector of n randomly generated longitude values.

**Examples**

```
r_longitudes(10)
```

---

```
r_national_identification_numbers
```

*Generate random fake national identification numbers.*

---

**Description**

Generate random fake national identification numbers.

**Usage**

```
r_national_identification_numbers(n)
```

**Arguments**

n                    number of observations.

**Value**

A character vector of n randomly generated national identification numbers.

**Examples**

```
r_national_identification_numbers(10)
```

---

```
r_phone_numbers
```

*Generate random fake phone numbers.*

---

**Description**

Generate random fake phone numbers.

**Usage**

```
r_phone_numbers(n, use_hyphens = FALSE, use_parentheses = FALSE,  
                  use_spaces = FALSE)
```

**Arguments**

n                    number of observations.  
use\_hyphens        should hyphens be included.  
use\_parentheses    should parantheses be included.  
use\_spaces         should spaces be included.

**Value**

A character vector of *n* randomly generated phone numbers.

**Examples**

```
r_phone_numbers(10)
r_phone_numbers(10, use_hyphens = TRUE)
r_phone_numbers(10, use_parentheses = TRUE)
r_phone_numbers(10, use_spaces = TRUE)
r_phone_numbers(10, use_parentheses = TRUE, use_hyphens = TRUE)
r_phone_numbers(10, use_parentheses = TRUE, use_spaces = TRUE)
```

# Index

generator, [2](#)  
generator-package (generator), [2](#)  
  
r\_credit\_card\_numbers, [2](#)  
r\_date\_of\_births, [2](#)  
r\_email\_addresses, [3](#)  
r\_full\_names, [4](#)  
r\_ipv4\_addresses, [4](#)  
r\_latitudes, [5](#)  
r\_longitudes, [5](#)  
r\_national\_identification\_numbers, [6](#)  
r\_phone\_numbers, [6](#)