

# Package: tidyassert (via r-universe)

September 6, 2024

**Title** Tidy assertions

**Version** 0.3.4

**Description** A re-imagining of stopifnot() with rlang::abort().  
Provides an api for simple input (and output) validation with  
consistent error messages.

**License** MIT + file LICENSE

**URL** <https://github.com/qfes/tidyassert>

**BugReports** <https://github.com/qfes/tidyassert/issues>

**Depends** R (>= 3.3.0)

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.2

**Imports** cli, rlang (>= 1.0.0)

**Repository** <https://anthonymorth.r-universe.dev>

**RemoteUrl** <https://github.com/qfes/tidyassert>

**RemoteRef** HEAD

**RemoteSha** 20a01266d84472497e0f22c65262083c87994694

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---

assert	<i>Assert</i>
--------	---------------

---

## Description

Raises an assertion error when any(*expr*) is false.

## Usage

```
assert(
  expr,
  error_message = NULL,
  error_class = NULL,
  call = rlang::caller_call(),
  env = rlang::caller_env(),
  print_expr = NULL,
  ...
)
```

**Arguments**

expr	<expression> a logical expression to test.
error_message	<string> a message to be displayed when assertion fails.
error_class	<character> the class name/s for the error.
call	The execution environment of a currently running function, e.g. call = caller_env(). The corresponding function call is retrieved and mentioned in error messages as the source of the error. You only need to supply call when throwing a condition from a helper function which wouldn't be relevant to mention in the message. Can also be NULL or a <a href="#">defused function call</a> to respectively not display any call or hard-code a code to display.
env	<environment> the environment for substituted dots and print_expr. Has no effect if dots and print_expr are already quosures.
print_expr	<expression> a diffused expression for altering the error message. Defaults to rlang::as_quosure(substitute(expr), rlang::caller_env())
...	<any> values used in evaluating glue expressions, for the error message.

---

 assert\_equal

*Assert equal*


---

**Description**

Raises an assertion error when !all(a == b).

**Usage**

```
assert_equal(
  a,
  b,
  error_message = "{.arg a} must equal {.arg b}",
  error_class = NULL
)
```

**Arguments**

a	<any> any value
b	<any> any value
error_message	<string> a message to be displayed when assertion fails.
error_class	<character> the class name/s for the error.

**See Also**

Other logical-assertions: [assert\\_greater\\_equal\(\)](#), [assert\\_greater\(\)](#), [assert\\_less\\_equal\(\)](#), [assert\\_less\(\)](#), [assert\\_not\\_equal\(\)](#), [assert\\_range\(\)](#)

assert\_greater      *Assert greater*

---

### Description

Raises an assertion error when `!all(a > b)`

### Usage

```
assert_greater(  
    a,  
    b,  
    error_message = "{.arg a} must be greater than {.arg b}",  
    error_class = NULL  
)
```

### Arguments

`a`                    <any> any value  
`b`                    <any> any value  
`error_message`      <string> a message to be displayed when assertion fails.  
`error_class`        <character> the class name/s for the error.

### See Also

Other logical-assertions: [assert\\_equal\(\)](#), [assert\\_greater\\_equal\(\)](#), [assert\\_less\\_equal\(\)](#), [assert\\_less\(\)](#), [assert\\_not\\_equal\(\)](#), [assert\\_range\(\)](#)

---

assert\_greater\_equal      *Assert greater equal*

---

### Description

Raises an assertion error when `!all(a >= b)`

### Usage

```
assert_greater_equal(  
    a,  
    b,  
    error_message = "{.arg a} must be greater than or equal {.arg b}",  
    error_class = NULL  
)
```

**Arguments**

a <any> any value  
b <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other logical-assertions: [assert\\_equal\(\)](#), [assert\\_greater\(\)](#), [assert\\_less\\_equal\(\)](#), [assert\\_less\(\)](#), [assert\\_not\\_equal\(\)](#), [assert\\_range\(\)](#)

---

assert_has_names	<i>Assert has names</i>
------------------	-------------------------

---

**Description**

Raises an assertion error when `!rlang::has_name(obj, names)`.

**Usage**

```
assert_has_names(  
  obj,  
  names,  
  error_message = "{.arg obj} must have names {.arg names}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
names <character> a vector of names.  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other attribute-assertions: [assert\\_is\\_named\(\)](#)

---

assert_inherits	<i>Assert inherits</i>
-----------------	------------------------

---

### Description

Raises an assertion error when `!inherits(obj, class)`.

### Usage

```
assert_inherits(  
  obj,  
  class,  
  error_message = "{.arg obj} must inherit {.cls {class}}",  
  error_class = NULL  
)
```

### Arguments

<code>obj</code>	<any> any value
<code>class</code>	<string   character> the expected class(es)
<code>error_message</code>	<string> a message to be displayed when assertion fails.
<code>error_class</code>	<character> the class name/s for the error.

### See Also

Other type-assertions: [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert_is_bool	<i>Assert is bool</i>
----------------	-----------------------

---

### Description

Raises an assertion error when `!rlang::is_bool(obj)`.

### Usage

```
assert_is_bool(  
  obj,  
  error_message = "{.arg obj} must be a {.cls bool}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

---

assert\_is\_character    *Assert is character*

---

**Description**

Raises an assertion error when `!rlang::is_character(obj)`.

**Usage**

```
assert_is_character(  
  obj,  
  error_message = "{.arg obj} must be a {.cls character} vector",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert\_is\_double      *Assert is double*

---

### Description

Raises an assertion error when `!rlang::is_double(obj)`.

### Usage

```
assert_is_double(  
  obj,  
  error_message = "{.arg obj} must be a {.cls double} vector",  
  error_class = NULL  
)
```

### Arguments

`obj`                    <any> any value  
`error_message`       <string> a message to be displayed when assertion fails.  
`error_class`         <character> the class name/s for the error.

### See Also

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert\_is\_integer      *Assert is integer*

---

### Description

Raises an assertion error when `!rlang::is_integer(obj)`.

### Usage

```
assert_is_integer(  
  obj,  
  error_message = "{.arg obj} must be an {.cls integer} vector",  
  error_class = NULL  
)
```

### Arguments

`obj`                    <any> any value  
`error_message`       <string> a message to be displayed when assertion fails.  
`error_class`         <character> the class name/s for the error.



**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert\_is\_integerish    *Assert is integerish*

---

**Description**

Raises an assertion error when `!rlang::is_integerish(obj)`.

**Usage**

```
assert_is_integerish(  
  obj,  
  error_message = "{.arg obj} must be an {.cls integerish} vector",  
  error_class = NULL  
)
```

**Arguments**

`obj`                    <any> any value  
`error_message`        <string> a message to be displayed when assertion fails.  
`error_class`          <character> the class name/s for the error.

**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert\_is\_logical        *Assert is logical*

---

**Description**

Raises an assertion error when `!rlang::is_logical(obj)`.

**Usage**

```
assert_is_logical(  
  obj,  
  error_message = "{.arg obj} must be a {.cls logical} vector",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert_is_named	<i>Assert is named</i>
-----------------	------------------------

---

**Description**

Raises an assertion error when `!rlang::is_named(obj)`.

**Usage**

```
assert_is_named(  
  obj,  
  error_message = "{.arg obj} must be named",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other attribute-assertions: [assert\\_has\\_names\(\)](#)

---

assert_is_numeric	<i>Assert is numeric</i>
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---

**Description**

Raises an assertion error when `!is.numeric(obj)`.

**Usage**

```
assert_is_numeric(  
  obj,  
  error_message = "{.arg obj} must be a {.cls numeric} vector",  
  error_class = NULL  
)
```

**Arguments**

`obj` <any> any value  
`error_message` <string> a message to be displayed when assertion fails.  
`error_class` <character> the class name/s for the error.

**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_raw\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert_is_raw	<i>Assert is raw</i>
---------------	----------------------

---

**Description**

Raises an assertion error when `!rlang::is_raw(obj)`.

**Usage**

```
assert_is_raw(  
  obj,  
  error_message = "{.arg obj} must be a {.cls raw} vector",  
  error_class = NULL  
)
```

**Arguments**

`obj` <any> any value  
`error_message` <string> a message to be displayed when assertion fails.  
`error_class` <character> the class name/s for the error.

**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_typeof\(\)](#)

---

assert\_is\_scalar\_character

*Assert is scalar character*

---

**Description**

Raises an assertion error when `!rlang::is_scalar_character(obj)`.

**Usage**

```
assert_is_scalar_character(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls character}",  
  error_class = NULL  
)
```

**Arguments**

`obj` <any> any value  
`error_message` <string> a message to be displayed when assertion fails.  
`error_class` <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

---

assert\_is\_scalar\_double

*Assert is scalar double*

---

**Description**

Raises an assertion error when `!rlang::is_scalar_double(obj)`.

**Usage**

```
assert_is_scalar_double(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls double}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

---

assert\_is\_scalar\_integer

*Assert is scalar integer*

---

**Description**

Raises an assertion error when `!rlang::is_scalar_integer(obj)`.

**Usage**

```
assert_is_scalar_integer(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls integer}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

assert\_is\_scalar\_integerish  
*Assert is scalar integerish*

---

**Description**

Raises an assertion error when `!rlang::is_scalar_integerish(obj)`.

**Usage**

```
assert_is_scalar_integerish(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls integerish}",  
  error_class = NULL  
)
```

**Arguments**

`obj` <any> any value  
`error_message` <string> a message to be displayed when assertion fails.  
`error_class` <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

---

assert\_is\_scalar\_logical  
*Assert is scalar logical*

---

**Description**

Raises an assertion error when `!rlang::is_scalar_logical(obj)`.

**Usage**

```
assert_is_scalar_logical(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls logical}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

---

assert\_is\_scalar\_numeric

*Assert is scalar numeric*

---

**Description**

Raises an assertion error when `!is.numeric(obj) || length(obj) != 1L`.

**Usage**

```
assert_is_scalar_numeric(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls numeric}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#), [assert\\_is\\_string\(\)](#)

assert\_is\_scalar\_raw    *Assert is scalar raw*

---

### Description

Raises an assertion error when `!rlang::is_scalar_raw(obj)`.

### Usage

```
assert_is_scalar_raw(  
  obj,  
  error_message = "{.arg obj} must be a scalar {.cls raw}",  
  error_class = NULL  
)
```

### Arguments

`obj`                    <any> any value  
`error_message`    <string> a message to be displayed when assertion fails.  
`error_class`       <character> the class name/s for the error.

### See Also

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_string\(\)](#)

---

assert\_is\_string        *Assert is string*

---

### Description

Raises an assertion error when `!rlang::is_string(obj)`.

### Usage

```
assert_is_string(  
  obj,  
  error_message = "{.arg obj} must be a {.cls string}",  
  error_class = NULL  
)
```



**Arguments**

obj <any> any value  
 error\_message <string> a message to be displayed when assertion fails.  
 error\_class <character> the class name/s for the error.

**See Also**

Other scalar-assertions: [assert\\_is\\_bool\(\)](#), [assert\\_is\\_scalar\\_character\(\)](#), [assert\\_is\\_scalar\\_double\(\)](#), [assert\\_is\\_scalar\\_integerish\(\)](#), [assert\\_is\\_scalar\\_integer\(\)](#), [assert\\_is\\_scalar\\_logical\(\)](#), [assert\\_is\\_scalar\\_numeric\(\)](#), [assert\\_is\\_scalar\\_raw\(\)](#)

---

assert_is_typeof	<i>Assert typeof</i>
------------------	----------------------

---

**Description**

Raises an assertion error when `typeof(obj) != type`.

**Usage**

```
assert_is_typeof(
  obj,
  type,
  error_message = "{.arg obj} must be of type {.cls {type}}",
  error_class = NULL
)
```

**Arguments**

obj <any> any value  
 type <string> the expected type  
 error\_message <string> a message to be displayed when assertion fails.  
 error\_class <character> the class name/s for the error.

**See Also**

Other type-assertions: [assert\\_inherits\(\)](#), [assert\\_is\\_character\(\)](#), [assert\\_is\\_double\(\)](#), [assert\\_is\\_integerish\(\)](#), [assert\\_is\\_integer\(\)](#), [assert\\_is\\_logical\(\)](#), [assert\\_is\\_numeric\(\)](#), [assert\\_is\\_raw\(\)](#)

assert\_less            *Assert less*

---

### Description

Raises an assertion error when `!all(a < b)`

### Usage

```
assert_less(  
    a,  
    b,  
    error_message = "{.arg a} must be less than {.arg b}",  
    error_class = NULL  
)
```

### Arguments

`a`                    <any> any value  
`b`                    <any> any value  
`error_message`      <string> a message to be displayed when assertion fails.  
`error_class`        <character> the class name/s for the error.

### See Also

Other logical-assertions: [assert\\_equal\(\)](#), [assert\\_greater\\_equal\(\)](#), [assert\\_greater\(\)](#), [assert\\_less\\_equal\(\)](#), [assert\\_not\\_equal\(\)](#), [assert\\_range\(\)](#)

---

assert\_less\_equal      *Assert less equal*

---

### Description

Raises an assertion error when `!all(a <= b)`

### Usage

```
assert_less_equal(  
    a,  
    b,  
    error_message = "{.arg a} must be less than or equal {.arg b}",  
    error_class = NULL  
)
```

**Arguments**

a <any> any value  
b <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other logical-assertions: [assert\\_equal\(\)](#), [assert\\_greater\\_equal\(\)](#), [assert\\_greater\(\)](#), [assert\\_less\(\)](#), [assert\\_not\\_equal\(\)](#), [assert\\_range\(\)](#)

---

assert_not_equal	<i>Assert not equal</i>
------------------	-------------------------

---

**Description**

Raises an assertion error when !all(a != b)

**Usage**

```
assert_not_equal(  
  a,  
  b,  
  error_message = "{.arg a} must not equal {.arg b}",  
  error_class = NULL  
)
```

**Arguments**

a <any> any value  
b <any> any value  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other logical-assertions: [assert\\_equal\(\)](#), [assert\\_greater\\_equal\(\)](#), [assert\\_greater\(\)](#), [assert\\_less\\_equal\(\)](#), [assert\\_less\(\)](#), [assert\\_range\(\)](#)

---

assert_not_na	<i>Assert not na</i>
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---

**Description**

Raises an assertion error when anyNA(obj)

**Usage**

```
assert_not_na(  
  obj,  
  error_message = "{.arg obj} must be not contain {.code NA}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any object  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other assertions: [assert\\_not\\_null\(\)](#)

---

assert_not_null	<i>Assert not null</i>
-----------------	------------------------

---

**Description**

Raises an assertion error when is.null(obj)

**Usage**

```
assert_not_null(  
  obj,  
  error_message = "{.arg obj} must be not {.code NULL}",  
  error_class = NULL  
)
```

**Arguments**

obj <any> any object  
error\_message <string> a message to be displayed when assertion fails.  
error\_class <character> the class name/s for the error.

**See Also**

Other assertions: [assert\\_not\\_na\(\)](#)

---

assert_range	<i>Assert range</i>
--------------	---------------------

---

**Description**

Raises an assertion error when `!all(a >= min & a <= max)`

**Usage**

```
assert_range(
  obj,
  min,
  max,
  error_message = "{.arg obj} must be within [{.arg min}, {.arg max}]",
  error_class = NULL
)
```

**Arguments**

obj	<any> any object
min	<any> the minimum value
max	<any> the maximum value
error_message	<string> a message to be displayed when assertion fails.
error_class	<character> the class name/s for the error.

**See Also**

Other logical-assertions: [assert\\_equal\(\)](#), [assert\\_greater\\_equal\(\)](#), [assert\\_greater\(\)](#), [assert\\_less\\_equal\(\)](#), [assert\\_less\(\)](#), [assert\\_not\\_equal\(\)](#)

---

warn_if_not	<i>Assert (soft)</i>
-------------	----------------------

---

**Description**

Raises an assertion warning when `any(expr)` is false.

Raises an assertion warning when `all(expr)` is true.

**Usage**

```

warn_if_not(
  expr,
  warn_message = NULL,
  warn_class = NULL,
  call = rlang::caller_call(),
  env = rlang::caller_env(),
  print_expr = NULL,
  ...
)

warn_if(
  expr,
  warn_message = NULL,
  warn_class = NULL,
  call = rlang::caller_call(),
  env = rlang::caller_env(2L),
  print_expr = NULL,
  ...
)

```

**Arguments**

<code>expr</code>	<expression> a logical expression to test.
<code>warn_message</code>	<string> a message to be displayed when assertion fails.
<code>warn_class</code>	<character> the class name/s for the warning.
<code>call</code>	The execution environment of a currently running function, e.g. <code>call = caller_env()</code> . The corresponding function call is retrieved and mentioned in error messages as the source of the error. You only need to supply <code>call</code> when throwing a condition from a helper function which wouldn't be relevant to mention in the message. Can also be <code>NULL</code> or a <a href="#">defused function call</a> to respectively not display any call or hard-code a code to display.
<code>env</code>	<environment> the environment for substituted dots and <code>print_expr</code> . Has no effect if dots and <code>print_expr</code> are already quosures.
<code>print_expr</code>	<expression> a diffused expression for altering the error message. Defaults to <code>rlang::as_quosure(substitute(expr), rlang::caller_env())</code>
<code>...</code>	<any> values used in evaluating glue expressions, for the error message.

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