

Option<T>

is_some -> bool

Some(_) true
None false

is_none -> bool

Some(_) false
None true

unwrap -> T

Some(t) t
None panic!()

unwrap_or -> T

Some(t) t
None *default*

unwrap_or_else -> T

Some(t) t
None *default()*

expect -> T

Some(t) t
None panic!(*msg*)

map -> Option<U>

Some(t) Some(*f(t)*)
None None

map_or -> U

Some(t) *f(t)*
None *default*

map_or_else -> U

Some(t) *f(t)*
None *default()*

and -> Option<U>

Some(_) *optb*
None None

and_then -> Option<U>

Some(t) *f(t)*
None None

or -> Option<T>

Some(_) self
None *optb*

or_else -> Option<T>

Some(_) self
None *optb()*

Result<T, E>

is_ok -> bool

Ok(_) true
Err(_) false

is_err -> bool

Ok(_) false
Err(_) true

ok -> Option<T>

Ok(t) t
Err(_) None

err -> Option<T>

Ok(_) None
Err(e) e

map -> Result<U, E>

Ok(t) Ok(*f*(t))
Err(e) Err(e)

map_err -> Result<T, F>

Ok(t) Ok(t)
Err(e) Err(*f*(e))

and -> Result<U, E>

Ok(_) *res*
Err(e) Err(e)

and_then -> Result<U, E>

Ok(t) *op*(t)
Err(e) Err(e)

or -> Result<T, F>

Ok(t) Ok(t)
Err(_) *res*

or_else -> Result<T, F>

Ok(t) Ok(t)
Err(e) *op*(e)

unwrap -> T

Ok(t) t
Err(e) panic!(e)

unwrap_or -> T

Ok(t) t
Err(_) *optb*

unwrap_or_else -> T

Ok(t) t
Err(e) *optb*(e)

unwrap_err -> E

Ok(t) panic!(t)
Err(e) e

unwrap_err_or -> E

... ...
... ...

unwrap_err_or_else -> E

... ...
... ...

expect -> T

Ok(t) t
Err(e) panic!(*msg*, e)

expect_err -> E

... ...
... ...