PredicateHelper

A helper contract for executing boolean functions on arbitrary target call results

Functions

or

function

or (address [ ] targets , bytes [ ] data)

external

returns

(bool) Calls every target with corresponding data

Parameters:

Name Type Description targets address[] data bytes[]

Return Values:

Name Type Description Result bool True if call to any target returned True. Otherwise, false

and

function

and (address [ ] targets , bytes [ ] data)

external

returns

(bool) Calls every target with corresponding data

Parameters:

Name Type Description targets address[] data bytes[]

Return Values:

Name Type Description Result bool True if calls to all targets returned True. Otherwise, false

eq

function

eq (uint256 value , address target , bytes data)

external

returns

(bool) Calls target with specified data and tests if it's equal to the value

Parameters:

Name Type Description value uint256 Value to test target address data bytes

Return Values:

Name Type Description Result bool True if call to target returns the same value asvalue . Otherwise, false

lt

function

lt (uint256 value , address target , bytes data)

external

returns

(bool) Calls target with specified data and tests if it's lower than value

Parameters:

Name Type Description value uint256 Value to test target address data bytes

Return Values:

Name Type Description Result bool True if call to target returns value which is lower thanvalue . Otherwise, false

gt

function

gt (uint256 value , address target , bytes data)

external

returns

(bool) Calls target with specified data and tests if it's bigger than value

Parameters:

Name Type Description value uint256 Value to test target address data bytes

Return Values:

Name Type Description Result bool True if call to target returns value which is bigger thanvalue . Otherwise, false

timestampBelow

function

timestampBelow (uint256 time)

external

returns

(bool) Checks passed time against block timestamp

Parameters:

Name Type Description time uint256

Return Values:

Name Type Description Result bool True if current block timestamp is lower thantime . Otherwise, falseEdit this page
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