# **PredicateHelper**

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

# **Functions**

#### or

function
or ( uint256 offsets , bytes
calldata data )
public
view

returns (bool) Calls every target with corresponding data

#### Parameters:

Name Type Description offsets uint256 data bytes

#### **Return values**

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

#### and

function

and (uint256 offsets, bytes

calldata data)

public

view

returns (bool) Checks if a given flag is set for the provided address

#### Parameters:

Name Type Description offsets uint256 data bytes

#### **Return values**

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

# not

function

not (bytes

calldata data)

public

view

returns (bool) Calls target with specified data and tests if it's equal to 0

#### Parameters:

Name Type Description data bytes

#### **Return values**

Type Description bool True if call to target returns 0. Otherwise, false

#### eq

function

eq ( uint256 value , bytes

calldata data)

public

view

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 data bytes

#### **Return values**

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

#### lt

function

It (uint256 value, bytes

calldata data)

public

view

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

#### Parameters:

Name Type Description value uint256 Value to test data bytes

#### **Return values**

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

#### gt

function

gt (uint256 value, bytes

calldata data)

public

view

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

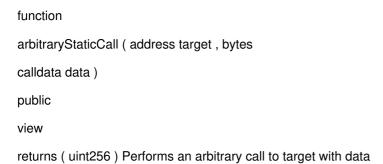
#### Parameters:

Name Type Description value uint256 Value to test data bytes

#### **Return values**

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

# arbitraryStaticCall



# Parameters:

Name Type Description target address Value to test data bytes

### **Return values**

Type Description uint256 Bytes transmuted to uint256 Edit this page Previous Permitable Next Series Epoch Manager