



Articles



PredicateHelper

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Functions

or

```
function or(uint256 offsets, bytes data) public view returns (bool)
```

Calls every target with corresponding data

Return Values

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

and

```
function and(uint256 offsets, bytes data) public view returns (bool)
```

Calls every target with corresponding data

Return Values

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

not

```
function not(bytes data) public view returns (bool)
```

Calls target with specified data and tests if it's equal to 0

Return Values

Name	Type	Description
[0]	bool	Result True if call to target returns 0. Otherwise, false

eq

```
function eq(uint256 value, bytes 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

Name	Type	Description
[0]	bool	Result True if call to target returns the same value as <code>value</code> . Otherwise, false

lt

```
function lt(uint256 value, bytes 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

Name	Type	Description
[0]	bool	Result True if call to target returns value which is lower than <code>value</code> . Otherwise, false

gt

```
function gt(uint256 value, bytes 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

Name	Type	Description
[0]	bool	Result True if call to target returns value which is bigger than <code>value</code> . Otherwise, false

arbitraryStaticCall

```
function arbitraryStaticCall(address target, bytes data) public view returns (uint256)
```

Performs an arbitrary call to target with data

Return Values

Name	Type	Description
[0]	uint256	Result Bytes transmuted to uint256

_staticcallForUint

```
function _staticcallForUint(address target, bytes data) internal view returns (bool success, uint256 res)
```

Errors

ArbitraryStaticCallFailed

error ArbitraryStaticCallFailed()

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