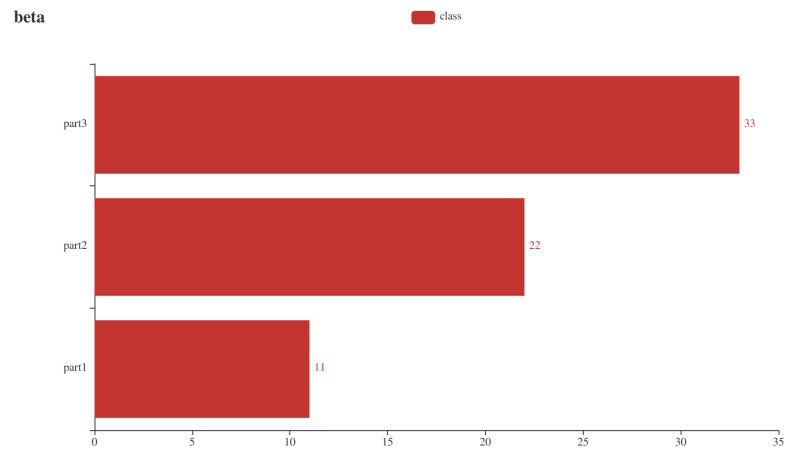
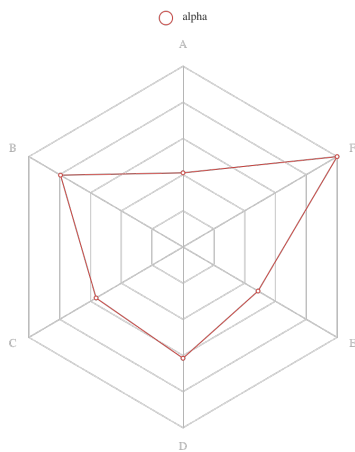


# Code Scan Report-[Socat]

14/04/2021 11:18:40

## 1.Visual



## 2.Top Vulnrable Files

Rank	File Path
1	socat.c
2	xio-openssl.c
3	xio-named.c
4	filan.c
5	xio-progcall.c
6	xioopts.c
7	xioinitialize.c
8	xiowrite.c
9	vsnprintf_r.c

## 3.Potential Vulnerabilities

DANGER

WARNING

1-cpp/potentially-dangerous-function

-> [Path] : filan.c (Line) 983:11, 983:18

-> [Message] : Call to asctime is potentially dangerous

2-cpp/potentially-dangerous-function

-> [Path] : filan.c (Line) 983:19, 983:28  
-> [Message] : Call to localtime is potentially dangerous

#### 3-cpp/potentially-dangerous-function

-> [Path] : socat.c (Line) 1149:60, 1149:69  
-> [Message] : Call to localtime is potentially dangerous

#### 4-cpp/constant-comparison

-> [Path] : xio-named.c (Line) 72:7, 72:36  
-> [Message] : Comparison is always false because call to Umask >= 0.

#### 5-cpp/constant-comparison

-> [Path] : xio-openssl.c (Line) 1678:10, 1678:18  
-> [Message] : Comparison is always false because ret <= -1.

#### 6-cpp/constant-comparison

-> [Path] : xio-openssl.c (Line) 1619:10, 1619:18  
-> [Message] : Comparison is always false because ret <= -1.

### NOTE OR COMMENT

#### 1-cpp/empty-block

-> [Path] : vsnprintf\_r.c (Line) 371:22, 373:8  
-> [Message] : Empty block without comment

#### 2-cpp/empty-block

-> [Path] : xiowrite.c (Line) 103:14, 104:8  
-> [Message] : Empty block without comment

#### 3-cpp/local-variable-hides-global-variable

-> [Path] : socat.c (Line) 1179:9, 1179:18  
-> [Message] : Local variable timestamp hides [a global variable](1) with the same name.

#### 4-cpp/local-variable-hides-global-variable

-> [Path] : socat.c (Line) 1132:24, 1132:33  
-> [Message] : Parameter timestamp hides [a global variable](1) with the same name.

#### 5-cpp/local-variable-hides-global-variable

-> [Path] : xio-named.c (Line) 104:9, 104:25  
-> [Message] : Local variable opt\_unlink\_early hides [a global variable](1) with the same name.

#### 6-cpp/local-variable-hides-global-variable

-> [Path] : xioinitialize.c (Line) 138:34, 138:38  
-> [Message] : Parameter sock hides [a global variable](1) with the same name.

#### 7-cpp/local-variable-hides-global-variable

-> [Path] : xioopts.c (Line) 1768:29, 1768:40  
-> [Message] : Parameter optionnames hides [a global variable](1) with the same name.

#### 8-cpp/function-in-block

-> [Path] : xio-progcall.c (Line) 228:6, 228:32  
-> [Message] : Functions should be declared at file scope, not inside blocks.

### STYLE ISSUE

### OTHER