Diagram 1 (left):

Participants: FuzzTest, SystemCallMode, Kernel

- FuzzTest → SystemCallMode: generate_syscall()
- SystemCallMode --> FuzzTest: return(syscall())
- FuzzTest → Kernel: syscall()
- Kernel --> FuzzTest: return(reponse)
- FuzzTest → SystemCallMode: parse()
- SystemCallMode --> FuzzTest: return(parse_result)

Diagram 2 (right):

Notes:
- Protected by SCONE shielding layer
- Calls system call model

Participants: APP, Interceptor, Kernel

- APP → Interceptor: syscall()
- Interceptor → Kernel: syscall()
- Kernel --> Interceptor: return(reponse)

Alt
- [malicious] Interceptor --> APP: return(fake_response)
- [else] Interceptor --> APP: return(response)

Caption text:

FuzzTest application uses the system call model to generate system calls.
It calls the relative function in the system call model to generate random,
valid system calls. The generated system calls then are sent to the kernel side.
The kernel side then responses. The response will be parsed to see if it is
successful, valid or non-standerd.