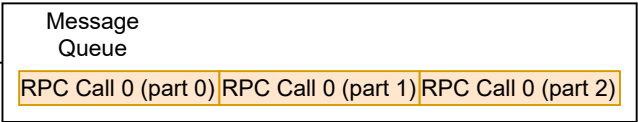
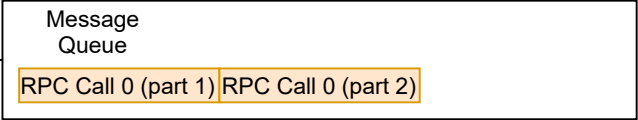


# Pseudocode

```
void on_message_available():  
    msg = receive_msg(); // pop msg  
  
    // read message and determine  
    // whether we need to pop more  
    // messages in order to receive  
    // the whole rpc call  
  
    // soft stack overflow here
```



```
void on_pagefault():  
    // pagefault in stack region  
    // so we request a frame and map  
    // it at the faulting location  
    rpc_call_get_frame();
```



```
void rpc_call_get_frame():  
    send_get_frame_message();  
    // wait for response  
    while(!msg_available());  
    response = receive_msg();  
  
    // response is now the second part  
    // of the original rpc call  
    // instead of the response to our  
    // ram request
```

