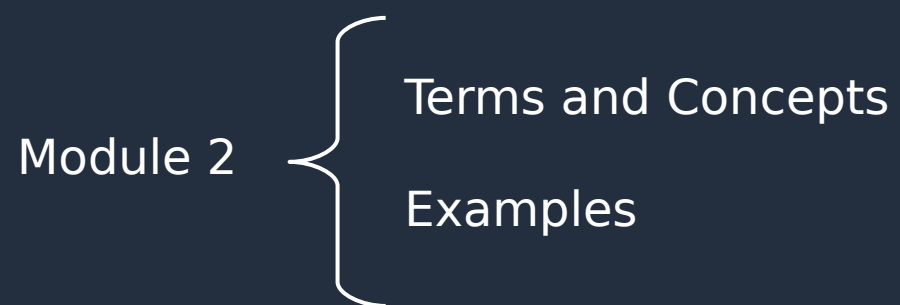


Welcome

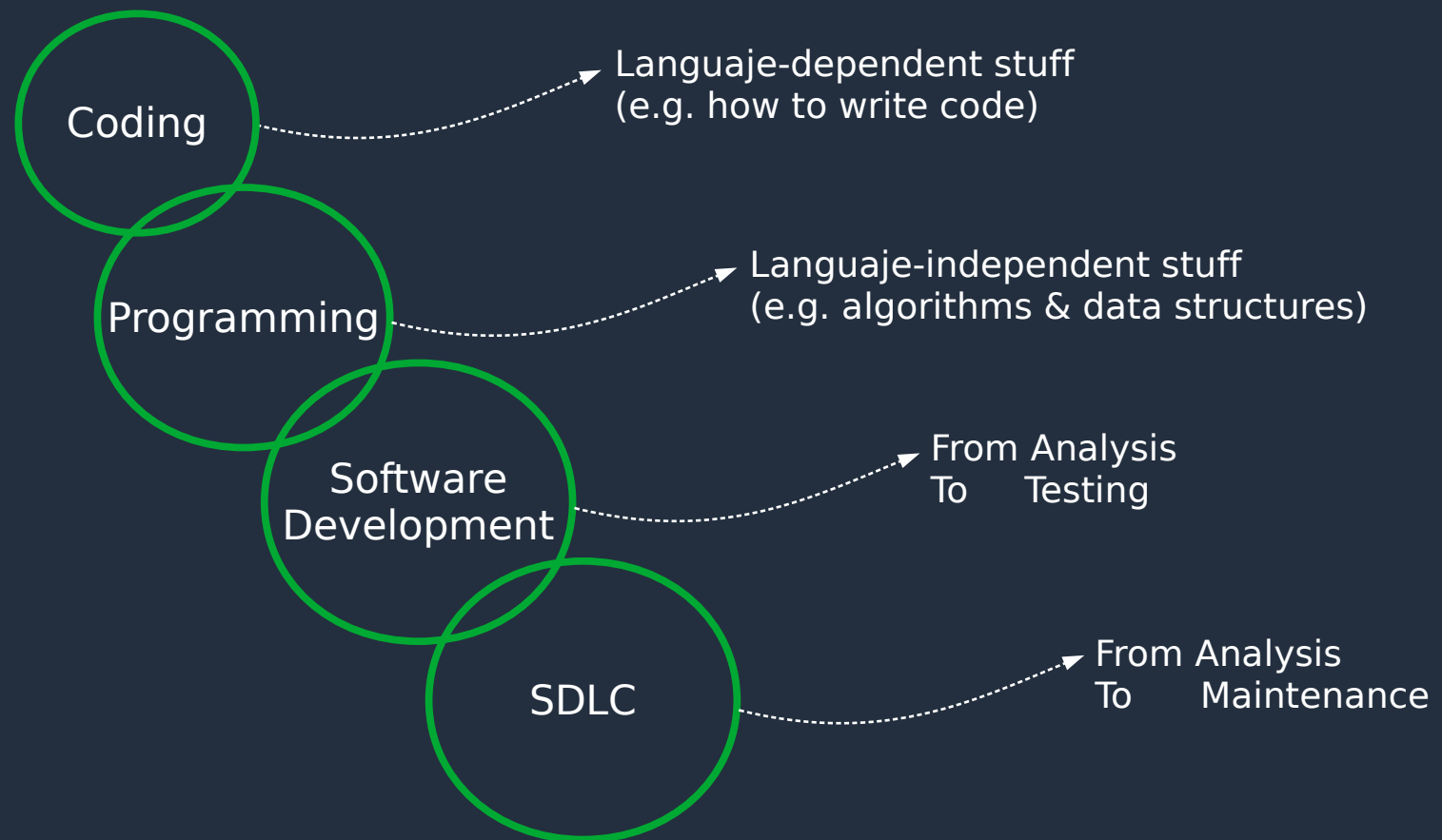
- About this adventure:
github.com/CuboCyberSecurity
- Consider all these modules as an introduction and as a way of sharing some key ideas (some *puzzle pieces*).
- It is a *free version* training:
 - Incomplete and imprecise information.
 - If you get confused, do not run away and make your own interpretations.
- Eventually, I'm going to share a much more complete and clear picture on the Wiki.

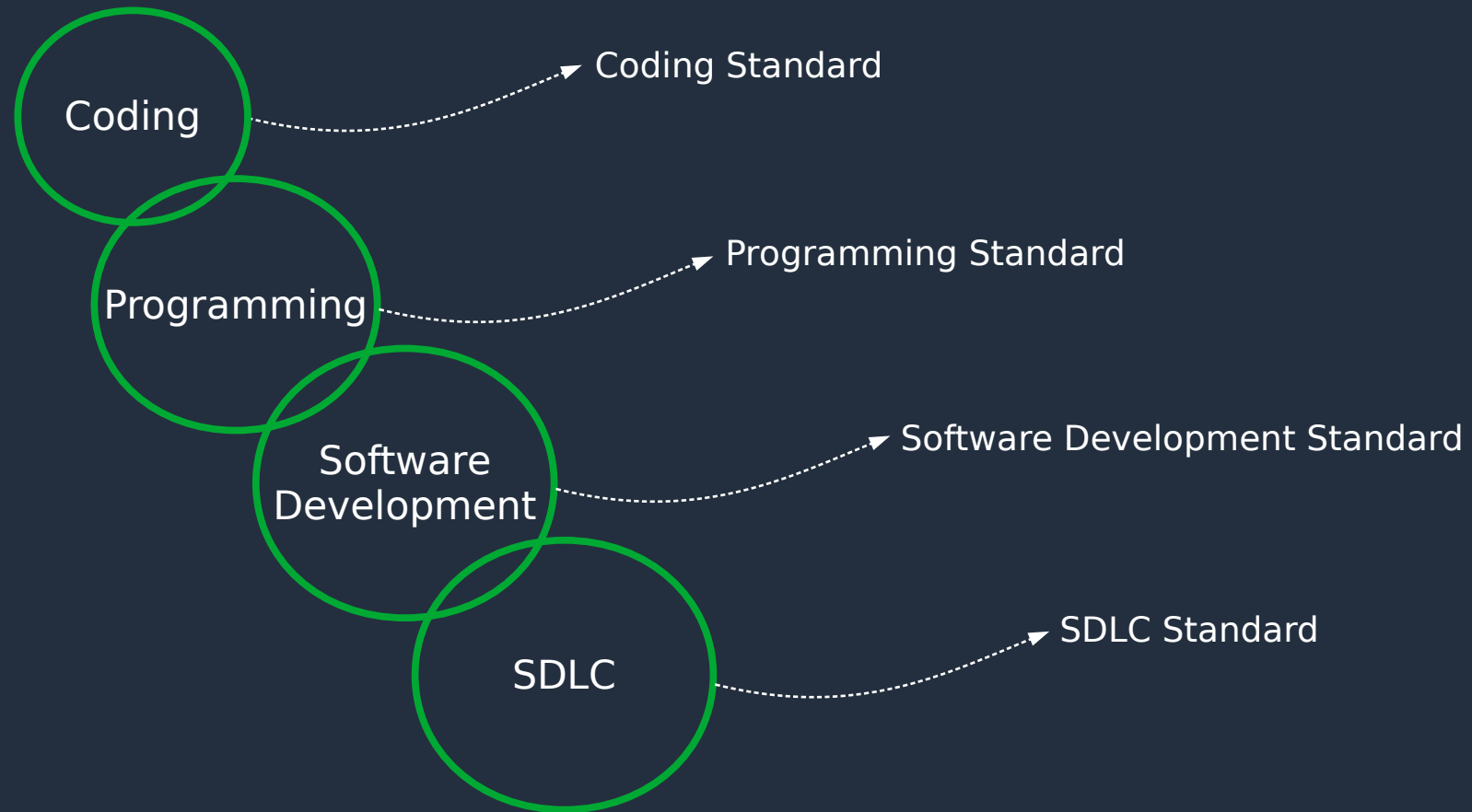


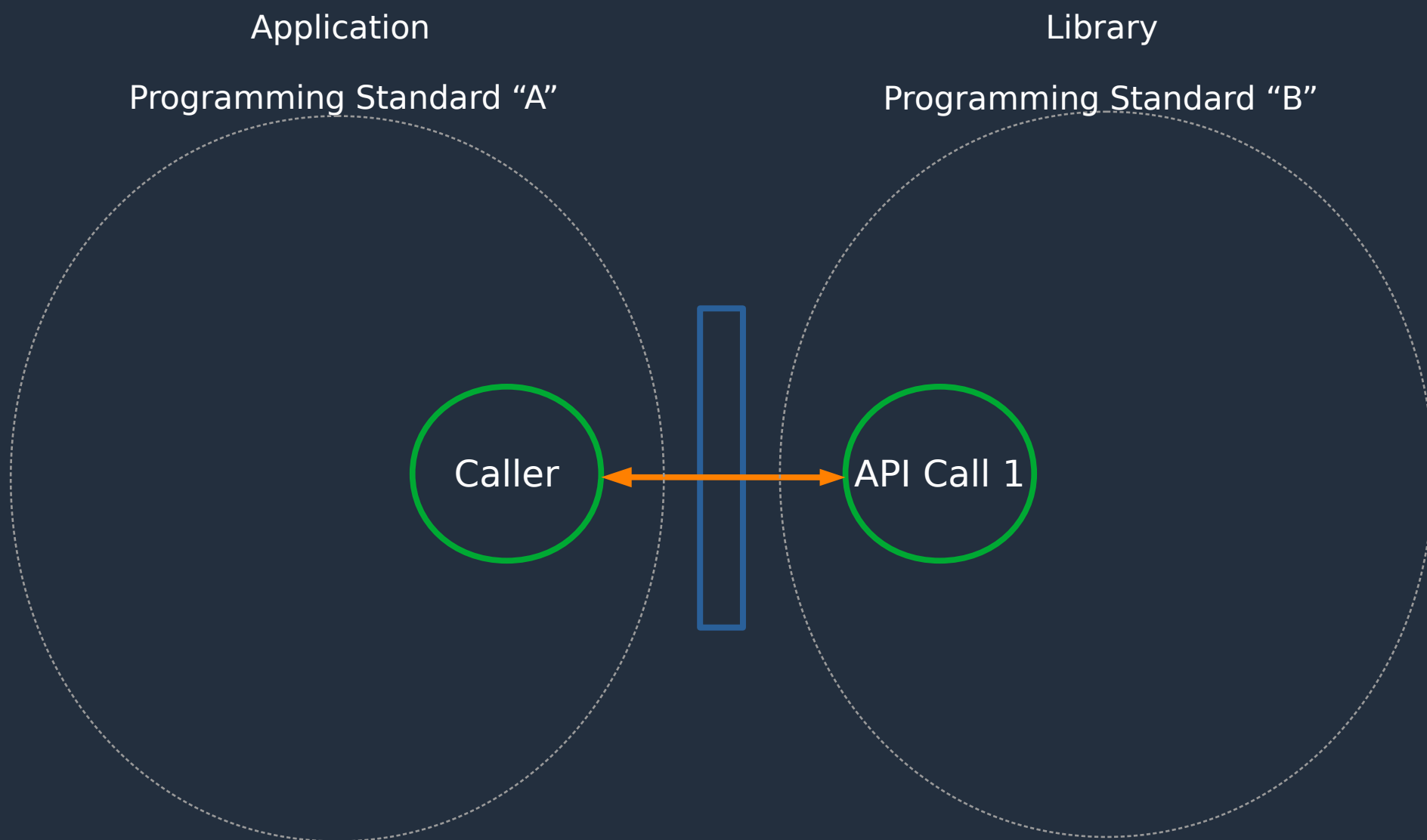
Safe and Secure Software

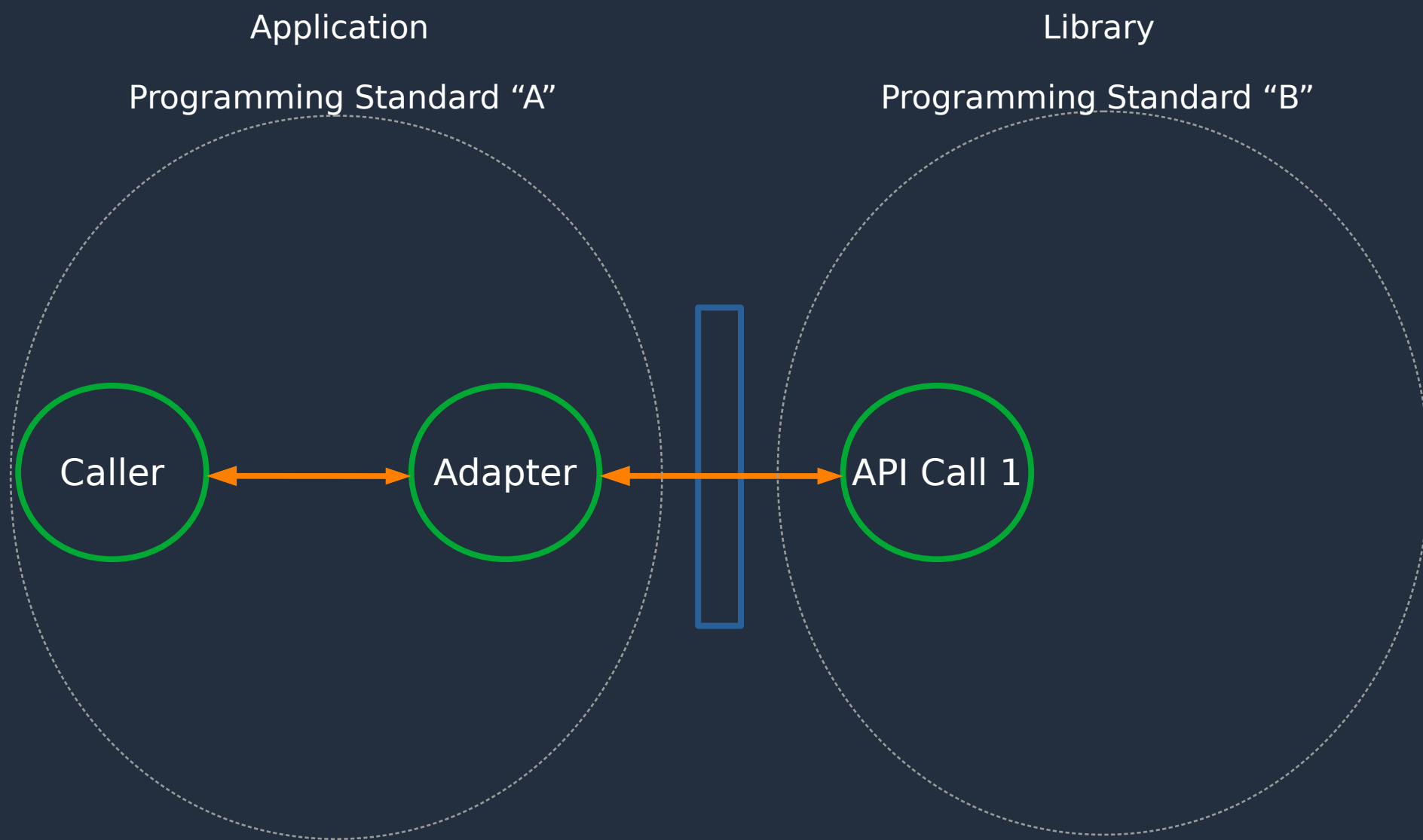


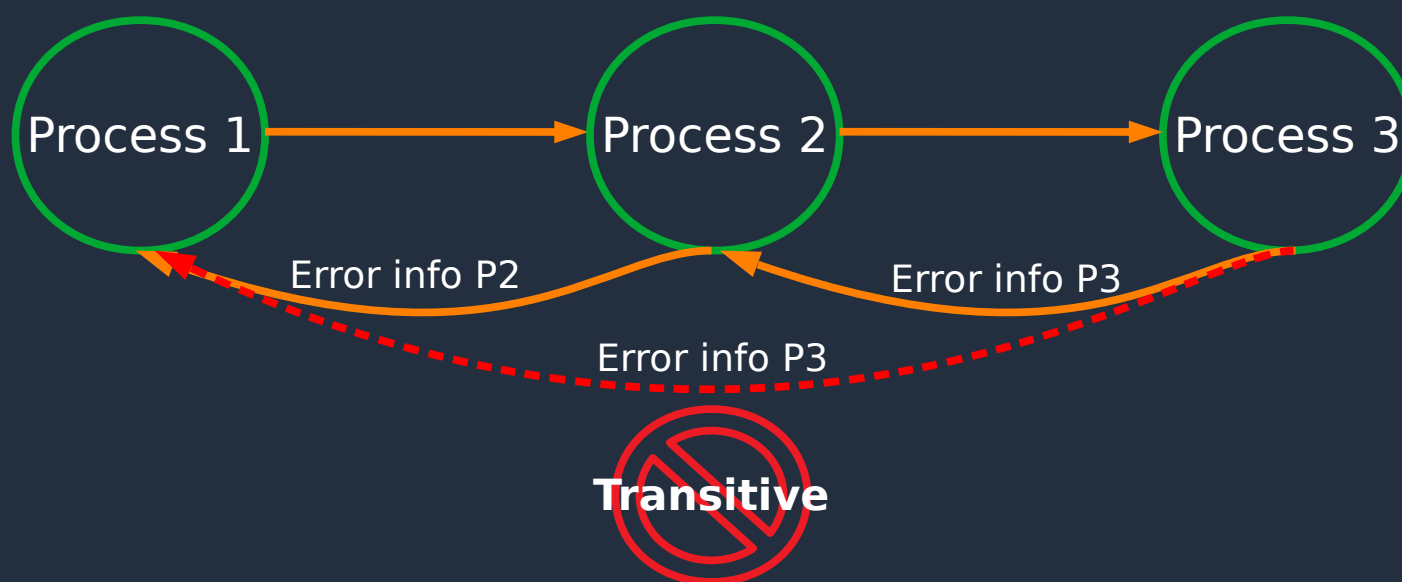













```
function a_function( ... parameters ...)  
{  
    // Preconditions  
  
    Make sure you have everthing you need to solve  
the problem in the next section ...  
  
    // Flow  
  
    ... now, solve the problem here ...  
  
    // Postconditions  
  
    ... evaluate results and exit conditions.  
}
```

```
struct ifaddrs *address = addresses;
while (address)
{
    if (address->ifa_addr == NULL)
    {
        address = address->ifa_next;
        continue;
    }

    .
    .
    .

    address = address->ifa_next;
}
```

```
for (struct ifaddrs *address = addresses;
     (address != NULL)
     &&
     (address->ifa_addr != NULL);
     address = address->ifa_next)
{
    .
    .
    .
}
```



For many reasons, I try to avoid modifying loop condition from loop body.

.	.
.	.
.	.
char string[3] = "abc";	char string[] = "abc";
.	.
.	.
.	.



It is not null-terminated.

Keep it simple.