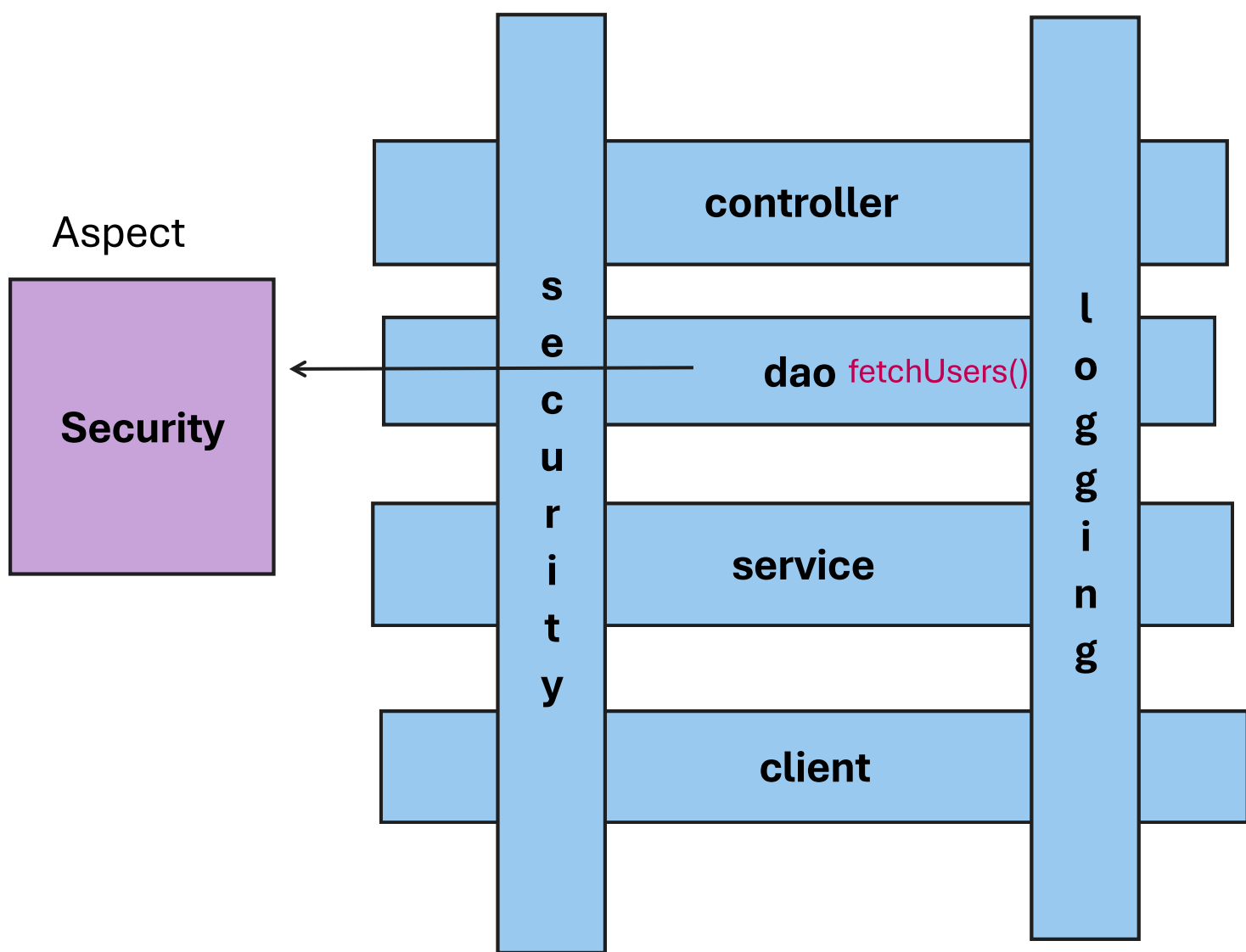
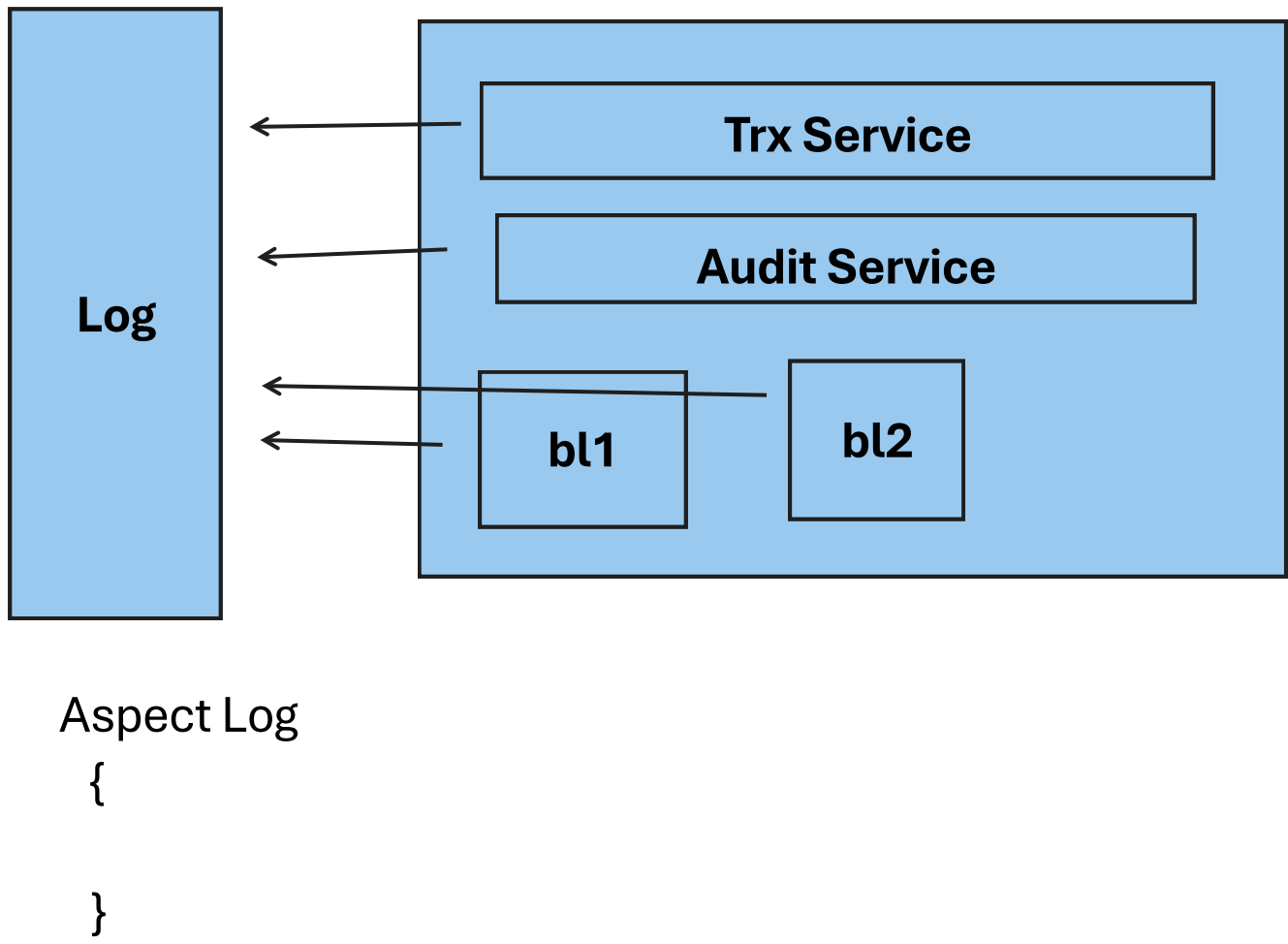


AOP : aspect oriented programming

programming pattern
it increases modularity by allowing the separation of cross cutting concerns.



cross cutting concerns



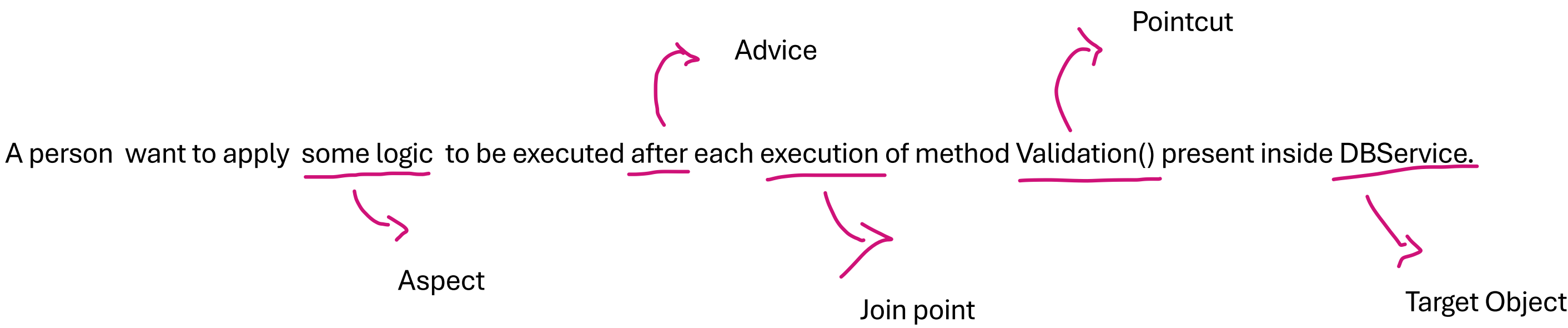
AOP :

Aspect : it is a simple piece of code that spring frameword executes when a call to specific method is done

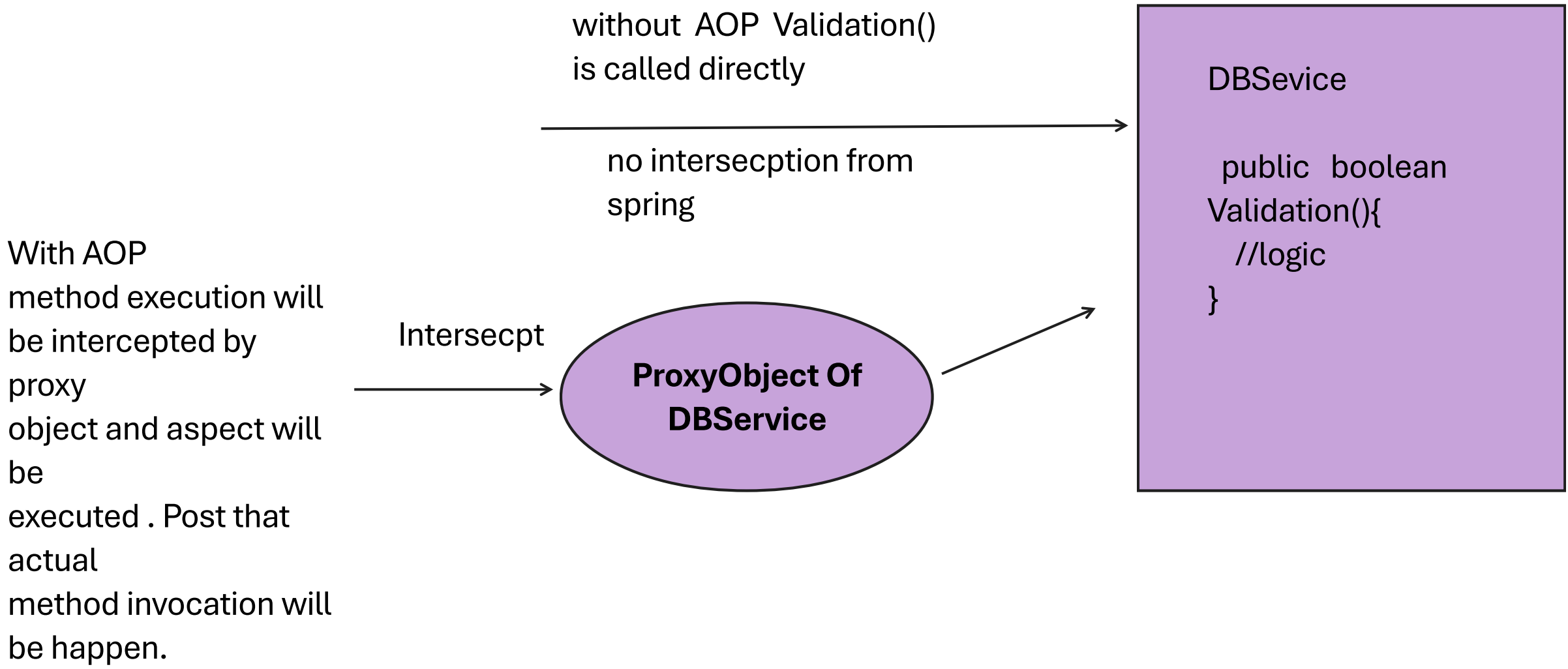
what	Aspect	code or logic we want spring to execute when you call a specific method
when	Advice :	when spring will execute the given Aspect. It before or after the method
which	Pointcut :	it is a method that framework needs to intercept and execute the given Aspect

Join Point : it defines the event that triggers the execution of Aspection .
Inside Spring this event is always a method call.

Target Object : it is the bean that declares the method / pointcut which is
intersepected by an Aspect



Weaving



How spring intercept each method call and apply the logic defined in Aspect

Spring does the with help of proxy object
When we try to invoke a method inside bean Spring will give it to proxyobject
Proxy object will manage each call to a method and apply the loginc
this process is called Weaving