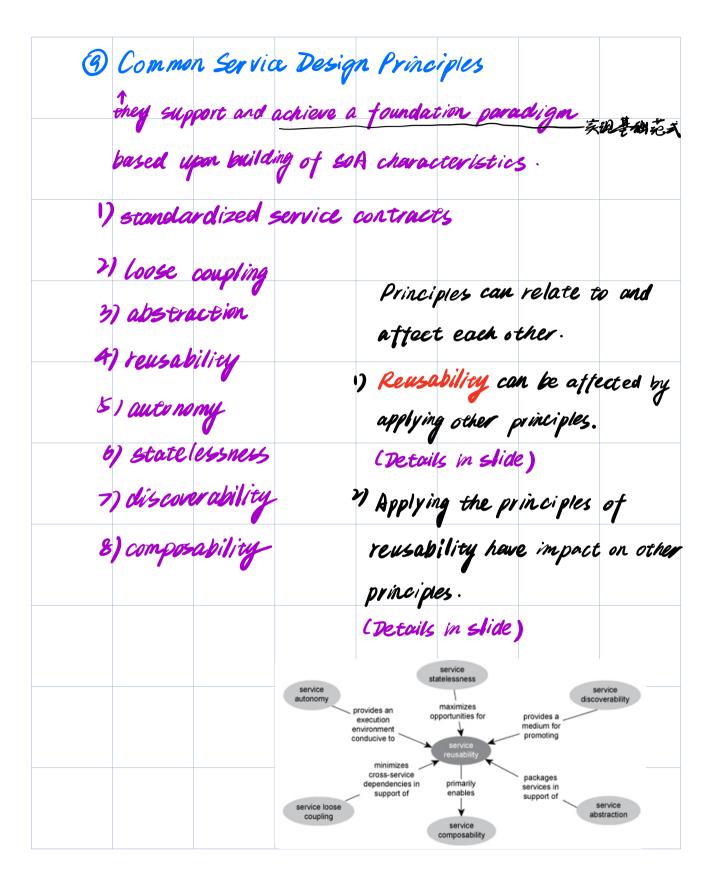
Module 5 note

1 Service Oriented Architecture, SOA)
Service Orienteel Architecture
1) Introduction 1) Architecture 2) Software Architecture
@ definition (who is SOA?)
design and develop software in the form of interoperable service
∂ SOA Service
1) definition, and point the most important thing; repeatable.
2) Anatomy of an example of service
@ How did it come to SOA?
Object Oriented Procedural Oriented Oriented Oriented Oriented Oriented Oriented

9 why s	OA? Why SOA	in Enter pris	se?	
from applica	tion centric to	service cent	vic environ	ment
	e the same ques			
benefits:				
1) enable	flexible. federa	ted business	process	
2) many bu	siness benefits			
0 decre	ased cost			
1 incre	ased productive	ty		
∂ parti	ership			
@ agilit	岁~ 敬捷性			
n) many t	echical benefit	; ;		
O serv	ices scale may			
	age complex sys	stems		
3 plat	torm independent	use		
D loose	coupling allow	s flexibility		

B	Neb se	vice im	plement	ation o	f SOA	
	SOA WY	Leb 服务 》				
50	rvice-orie	nted arch	itecture	can be i	mplement	ted with
W	eb servic	es.				
S	oA can b	e impleme	nted usin	g other	technolog	ies.
D 2	Basic con	nponents	of on	SOA		
	hree com		service .	e provide		
				consum registi		
<u>® (</u>	Characte	ristics 幹和				
An	y tunctio	n can be	a serv	ice but	need not	t be.
•	至何功能務					
Th	e criteri 航雄	a for who	ether a	function	needs	to be
a	service	is bas e	d on its	s reuse	potentiu	u .



(b)	es B	12/2					
(1)	Where	not to	use S	OA ?			
Ŋ	when	far have	homog	enous I	T envir	orment	
		real time					
3/	when	tight ou	upling is	a pro	not a	con 缺点	
4)	when	things	don't d	hange.			