

1	mac Xcode	2	i OS mac		
2, 3	Obj ecti ve-C	4	OC Foundati on		
5	UI	2	xi b		
7, 8	UI	4	UI Tabl eVi ew UI Scrol l Vi ew UI Vi ewControl l er mvc		
10	sql i te	2	sql i te sql api		
12		2	j son xml GCD		
		16			

1, 2	Mac Xcode	2	mac			
2, 3, 4	OC	4	Foundati on bl ock			
6, 7	UI	4	UI xi b			
8, 9	UI	4	3			
10, 11		4	oc			
13	Sql i te	2				
13, 14		4	j son			
14, 15, 16	i OS	8				
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