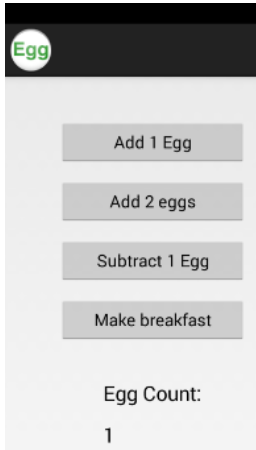


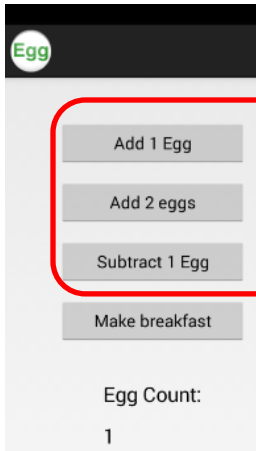
# CPSC 495/595

Project6

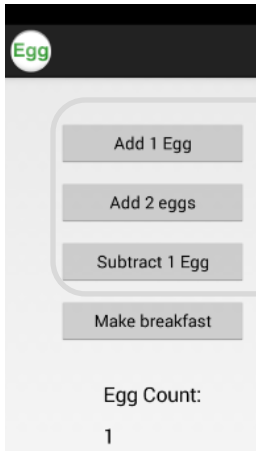
A Eggcelent Overview



User clicks one of  
the top 3 buttons



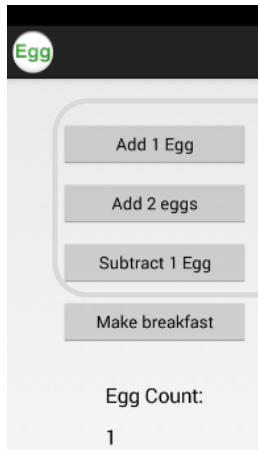
Button handler Creates  
EGG\_ACTION **intent**  
Use **putExtra** to add/sub eggs  
Then Broadcast it



Button handler Creates  
EGG\_ACTION intent  
Use putExtra to add/sub eggs  
Then Broadcast it

Android OS receives broadcast . Consults  
Registration List to See who wants it.  
(List Built from manifests and dynamically)

Androids Broadcast Receiver Registration List	
:	
EGG_ACTION	
MyApp	
YourApp	
MyBroadcastReceiver	
:	
android.intent.action.PROVIDER_CHANGED	
Gmail	
AnotherBR	
Hotmail	
:	

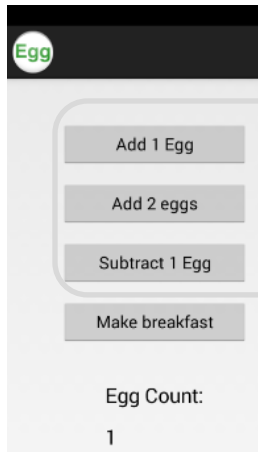


Button handler Creates  
EGG\_ACTION intent  
Use putExtra to add/sub eggs  
Then Broadcast it

Android OS receives broadcast . Consults  
Registration List to See who wants it.  
(List Built from manifests and dynamically)

Android OS sends intent to all Broadcast  
Receivers that registered for EGG\_ACTION intent

Androids Broadcast Receiver Registration List	
:	
EGG_ACTION	
MyApp	
YourApp	
MyBroadcastReceiver	
:	
android.intent.action.PROVIDER_CHANGED	
Gmail	
AnotherBR	
Hotmail	
:	



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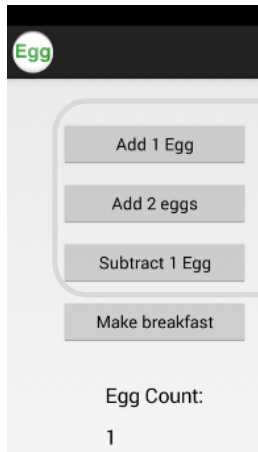
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EGG_ACTION	
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MyBroadcastReceiver	
:	
android.intent.action.PROVIDER_CHANGED	
Gmail	
AnotherBR	
Hotmail	
:	

MyBroadcastReceiver



Receiver starts MyService  
Passes intent and returns



Button handler Creates  
EGG\_ACTION intent  
Use putExtra to add/sub eggs  
Then Broadcast it

Android OS receives broadcast . Consults  
Registration List to See who wants it.  
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Androids Broadcast Receiver Registration List	
:	
EGG_ACTION	MyApp
	YourApp
	MyBroadcastReceiver
:	
android.intent.action.PROVIDER_CHANGED	Gmail
	AnotherBR
	Hotmail
:	

Android OS sends intent to all Broadcast  
Receivers that registered for EGG\_ACTION intent

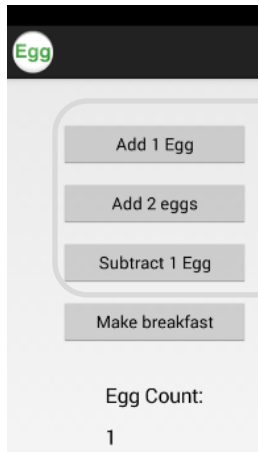
MyBroadcastReceiver



Receiver starts MyService  
Passes intent and returns

MyService

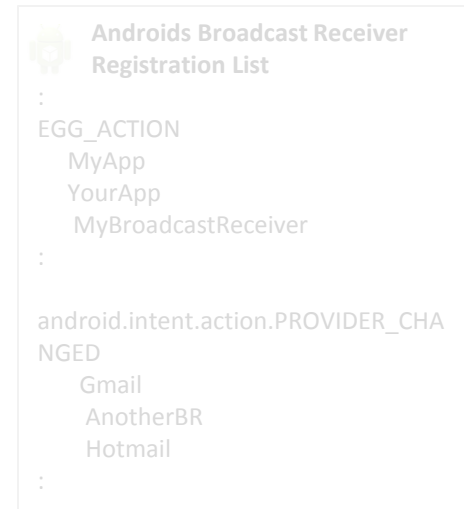
MyService gets info from intent  
About eggs



Button handler Creates  
EGG\_ACTION intent  
Use putExtra to add/sub eggs  
Then Broadcast it

Android OS receives broadcast . Consults  
Registration List to See who wants it.  
(List Built from manifests and dynamically)

Android OS sends intent to all Broadcast  
Receivers that registered for EGG\_ACTION intent



MyBroadcastReceiver



Receiver starts MyService  
Passes intent and returns

MyService

MyService gets info from intent  
About eggs