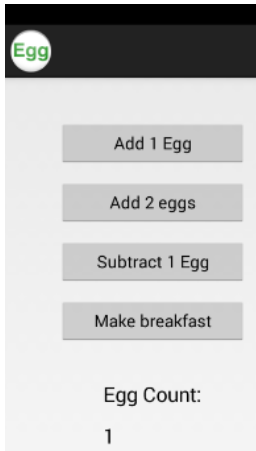


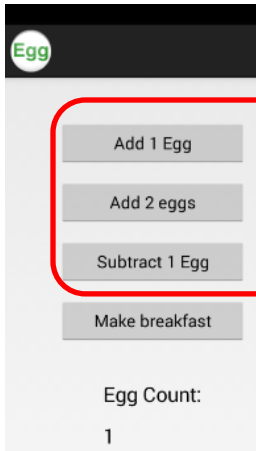
CPSC 475/575

Project5

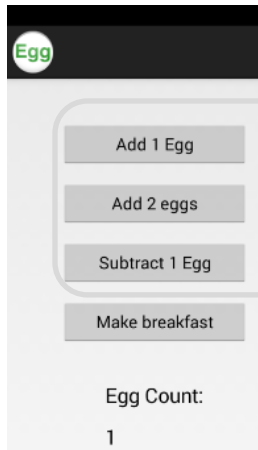
An Overview



User clicks one of
the top 3 buttons



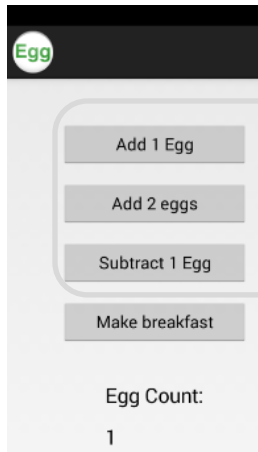
Button handler Creates
EGG_ACTION **intent**
Use **putExtra** to add/sub eggs
Then Broadcast it



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	
:	

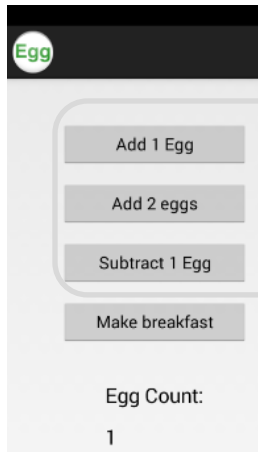


Button handler Creates
EGG_ACTION intent
Use putExtra to add/sub eggs
Then Broadcast it

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	
:	



Button handler Creates
EGG_ACTION intent
Use putExtra to add/sub eggs
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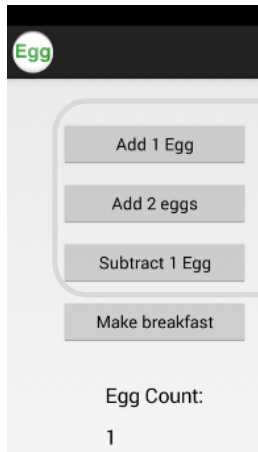
Android OS sends intent to all Broadcast
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Androids Broadcast Receiver Registration List	
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EGG_ACTION	
MyApp	
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MyBroadcastReceiver	
:	
android.intent.action.PROVIDER_CHANGED	
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.
(List Built from manifests and dynamically)

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

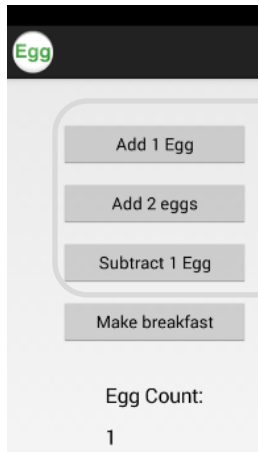
MyBroadcastReceiver



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

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

MyBroadcastReceiver



Receiver starts MyService
Passes intent and returns

MyService

MyService gets info from intent
About eggs

Service algorithm

