

Class diagram

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변경 이력

일자	버전	변경 내역	작성자
2018.04.27	V1.0.0	클래스 다이어그램 작성	김대현
2016.05.08	V1.1.0	클래스 다이어그램 수정	김대현,한성필,원태희
2016.05.09	V1.2.0	클래스 다이어그램 수정	김대현, 원태희

Login

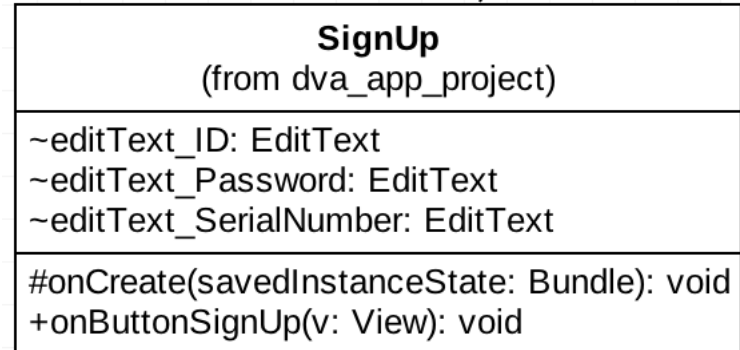
(from dva_app_project)

~editText_ID: EditText
~editText_Password: EditText
~TrueSerialNumber: String = "NO"
~result: String

#onCreate(savedInstanceState: Bundle): void
+onButtonSignUp(v: View): void
+onButtonLogin(v: View): void

Find_broadcast_ip
(from dva_app_project)

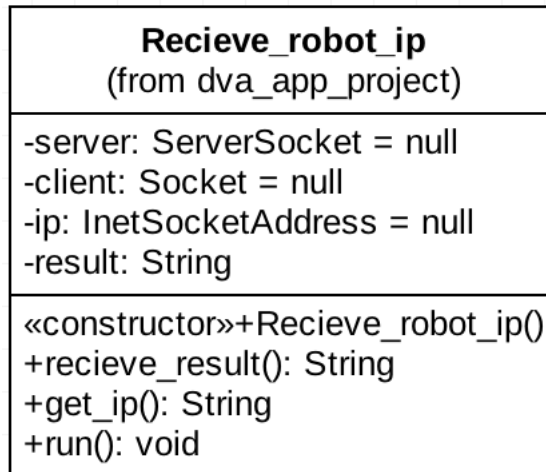
«constructor»+Find_broadcast_ip(m: Login)
+checkAvailableConnection(): String



Send_id_pass
(from dva_app_project)

-client: Socket = null
-con_ip_pass: String
-robot_ip: String
~signup_result: String

«constructor»+Send_id_pass(robot_ip: String, con_ip_pass: String)
+Send_data(): String
+get_result(): String
+run(): void



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Send_broadcast (from dva_app_project)
-broadcast_ip: String -msg: String = "where are you" -socket: DatagramSocket = null
«constructor»+Send_broadcast(broadcast_ip: String) +run(): void +broadcast(broadcastMessage: String, address: InetAddress): void

Alarm

(from dva_app_project)

```
#onCreate(savedInstanceState: Bundle): void  
+onButtonCancel(v: View): void  
+onButtonsearch(v: View): void  
+onActivityResult(): void
```

Find_Thing
(from dva_app_project)

+thinglist: ListView
+name: String
+itemlist: List

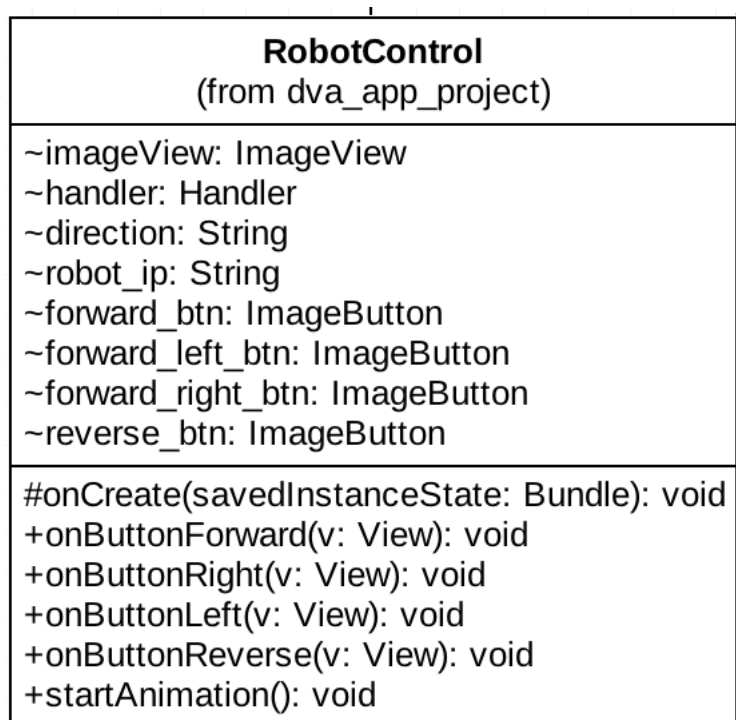
#onCreate(savedInstanceState: Bundle): void
+onButtonRegister(v: View): void
+onButtonRemove(v: View): void
+onItemClick(): void

Thing_List_Management

(from dva_app_project)

+name: String
+itemlist: List
+thinglist: ListView

#onCreate(savedInstanceState: Bundle): void
+onButtonRegister(v: View): void
+onButtonRemove(v: View): void



Recieve_robot_image
(from dva_app_project)

-s: Socket
~ip: String
~port: int
~bmp: Bitmap

«constructor»+Recieve_robot_image(host: String, port: int)
+saveFile(): void
+getBmp(): Bitmap

SelectMenu

(from dva_app_project)

#onCreate(savedInstanceState: Bundle): void

+onButtonRobotCntrol(v: View): void

+onButtonFindThing(v: View): void

+onButtonThingList(v: View): void

Registration_Thing
(from dva_app_project)

+name: String
+image: imageView
+editText_Name: EditText

#onCreate(savedInstanceState: Bundle): void
+onButtonCheck(v: View): void
+onButtonCancel(v: View): void

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