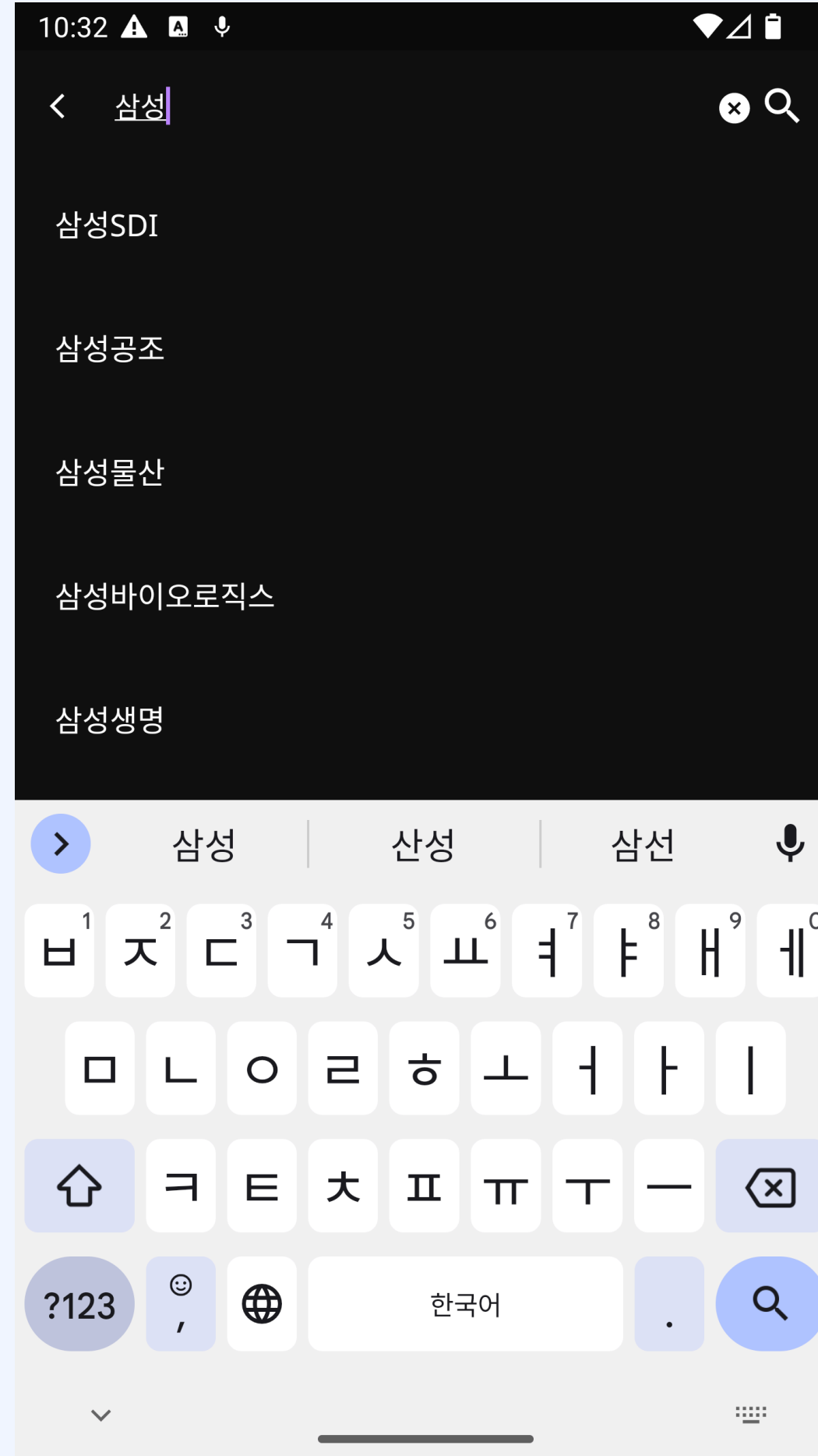
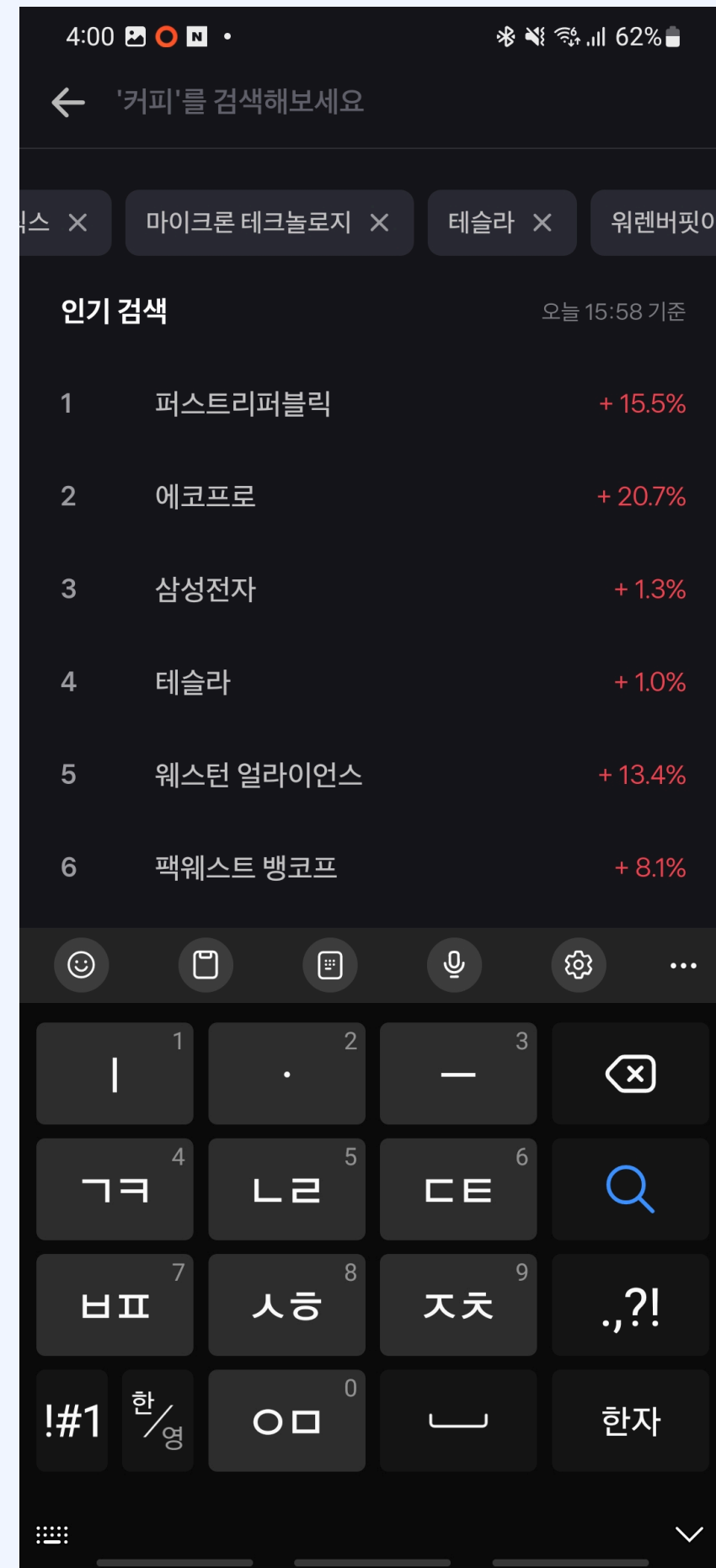


# 또스앱 - 3시간 만에 앱 만들기

13 기본 상태관리 with GetX

# 1. 검색 화면 2. 자동완성 검색

with  
GetX



# 상태관리?

# 상태 ?

# 상태 (State) ?

# State

## 1.UI State

- i. 화면에 보여지는 텍스트/ 이미지에 대한 **컨텐츠 상태**
- ii. 토글 버튼이나 스크롤 위치에 따른 **UI 변수 상태**

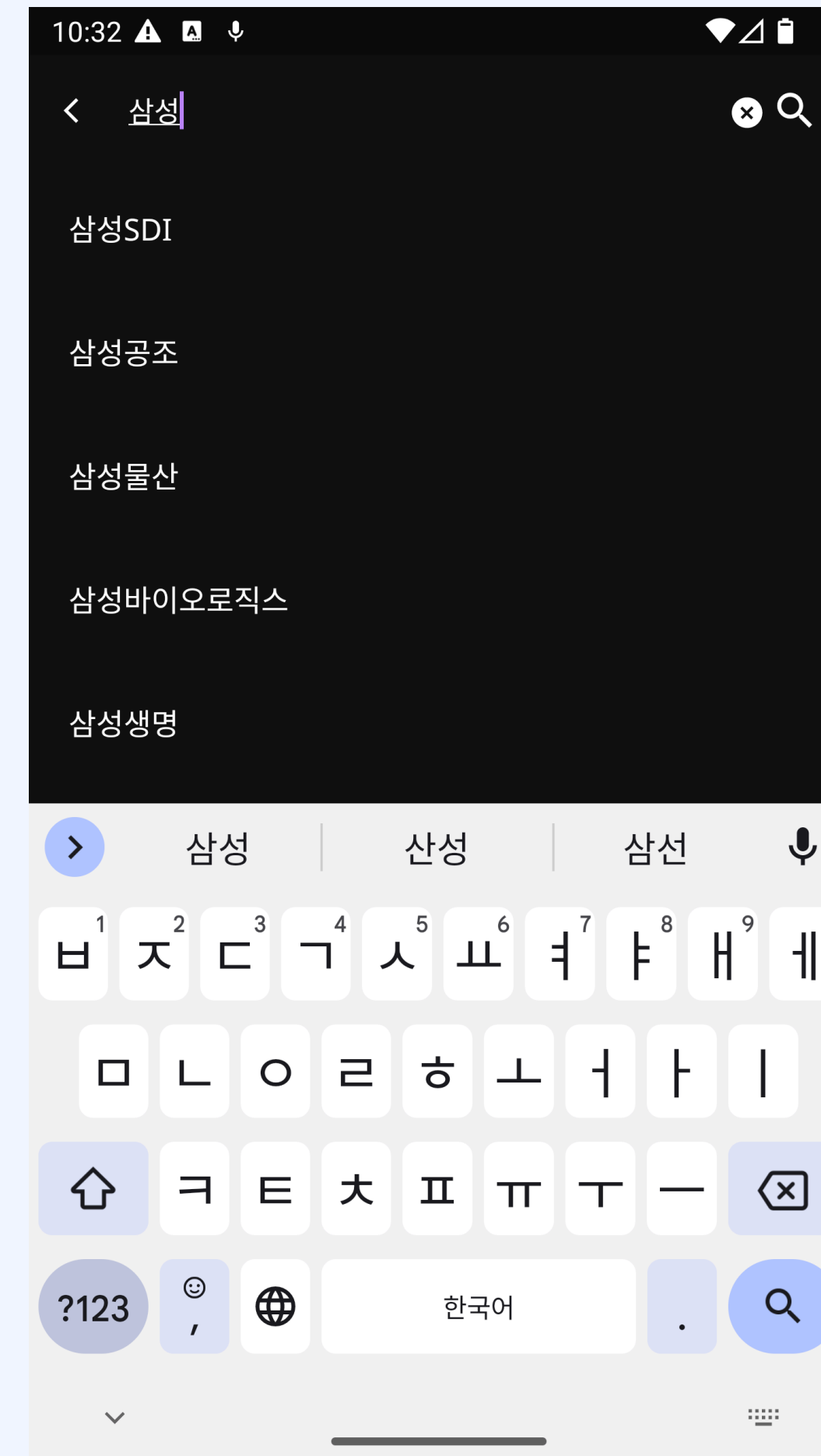
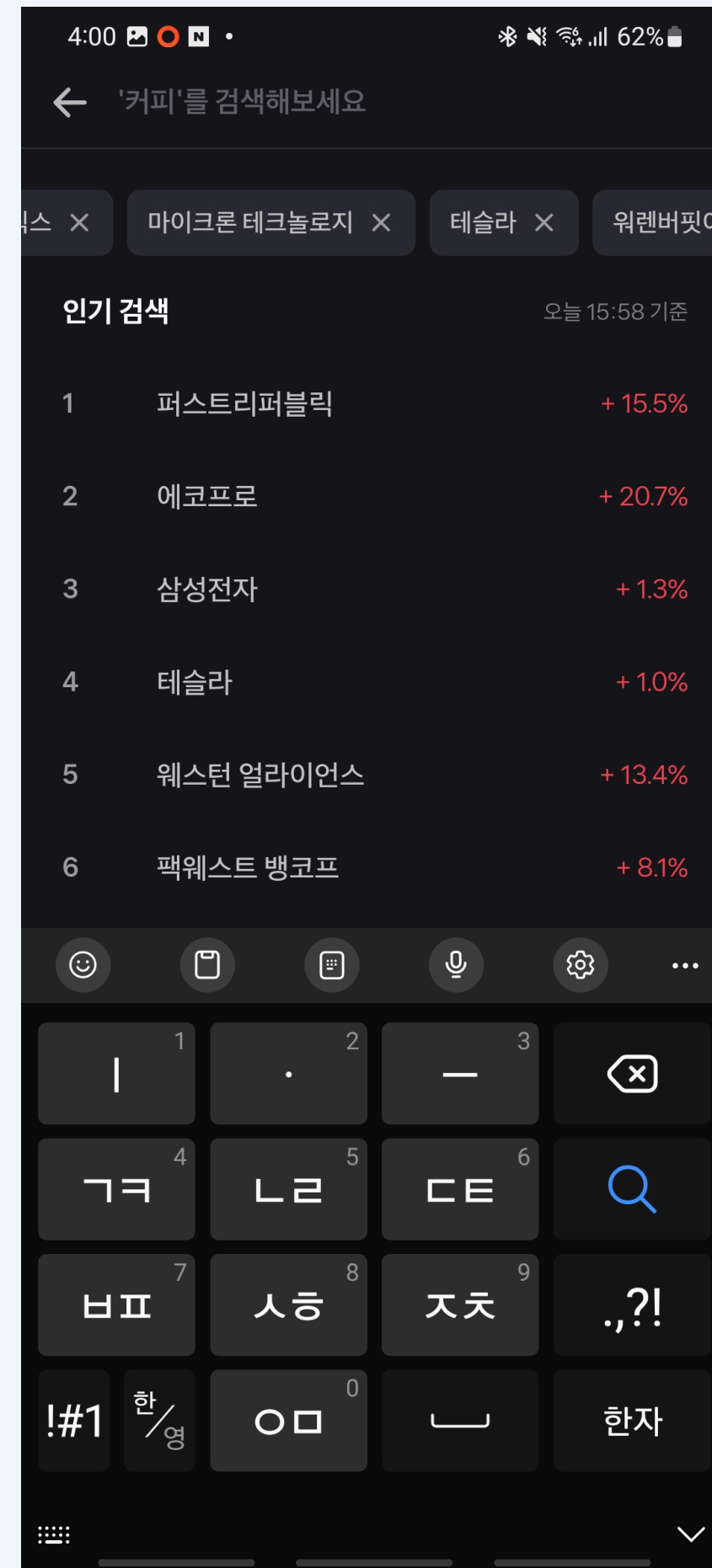
## 2.Data State

- i. 화면에는 보이지 않지만, 앱에서 들고있는 **데이터 상태**
- ii. 예시1 - 로그인한 유저에 대한 **프로필 데이터**
- iii. 예시2 - 때가되면 알려주기 위한 상담예약 **시간 데이터**

# 1. UI State?

or

# 2. Data State?



# 상태관리 종류



## 상태관리 종류

### Flutter 기본 상태관리

- **setState**
- **InheritedWidget**

### 별도 Packages

- **GetX**
- **Provider**
- **RiverPod**
- **BloC**
- **Flutter Hook**
- **VelocityX**
- **MobX**
- **Redux**

....





## TOP 30 Flutter State Issue nr. 15

LIKE based ranking of packages  
for Flutter state management,  
reactive programming and  
dependency injection

Likes and position **May 23, 2022**  
in **pub.dev** of **all** packages.  
(Changes are from issue nr 14, Jan 31, 2022)

Included info:

- NS = Has Null Safety version
- Test CodeCov % when available
- ApiDoc completeness %
- GitHub stars
- GitHub Issues Open/Closed

Test% API docs% [90...100]	Points [130]	Null safety
Test% API docs% [80...90]	Points [120...125]	
Test% API docs% [60...80]	Points [100...115]	
Test% API docs% [/0...60]	Points [0...90]	No null safety

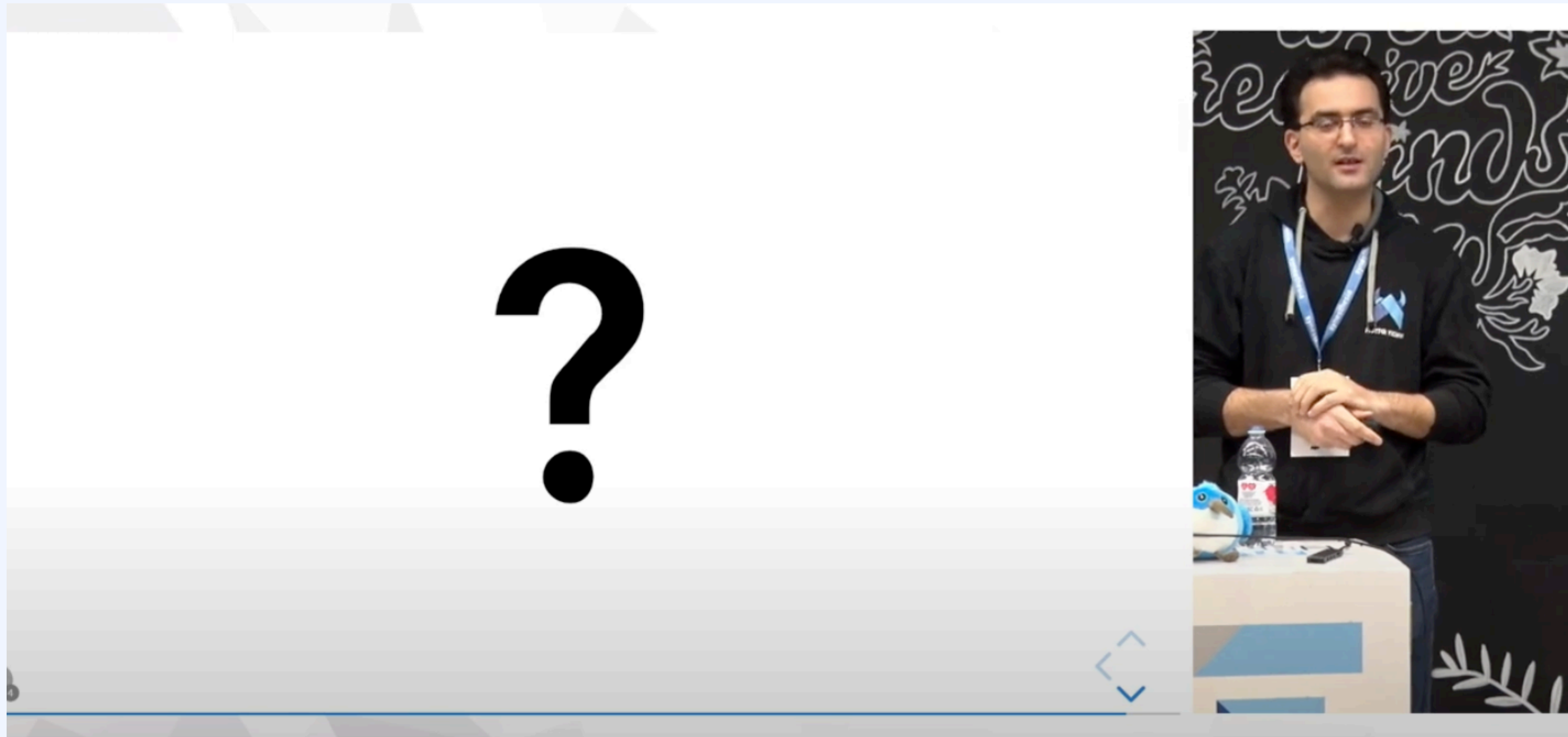
Stats summary by @RydMike (Mike Rydstrom)

Package	Author	Rank	Likes	Version	Updated	NS	CodeCov	API docs	Points	Popularity	GitHub★	Likes Stars	Open Closed	Position
get (GetX)	jonataslaw	1	9007 +1196	4.6.5	22.05.2022	Yes	Not given	31.1%	130	100%	6671	1.35	540/1179	1
provider	rrousselGit	2	6644 +711	6.0.3	22.05.2022	Yes	99.3%	90.1%	130	100%	4257	1.56	12/537	2
flutter_bloc	felangel	3	3958 +513	8.0.1	29.12.2021	Yes	100.0%	100.0%	130	100%	9018	0.44	73/2068	6
get_it	escamoteur	4	2178 +313	7.2.0	13.07.2021	Yes	88.4%	76.9%	130	100%	929	2.34	14/208	38 -1
rxdart	ReactiveX	5	1676 +173	0.27.3	21.11.2021	Yes	93.5%	98.3%	115	100%	3077	0.54	34/311	57 -6
bloc	felangel	6	1669 +211	8.0.3	28.02.2022	Yes	100.0%	86.8%	130	99%	9018	0.19	73/2068	58 -1
riverpod	rrousselGit	7	1621 +278	1.0.3	15.12.2021	Yes	95.9%	97.9%	120	97%	2917	0.56	60/776	62 +1
stacked	FilledStacks	8	1011 +79	2.3.6	03.05.2022	Yes	Not given	43.7%	110	98%	662	1.53	34/366	105 -9
velocity_x	iampawan	9	922 +87	3.4.0	14.01.2022	Yes	Not given	32.2%	110	97%	990	0.93	9/88	115 -9
flutter_riverpod	rrousselGit	10 +2	904 +168	1.0.3	15.12.2021	Yes	95.9%	94.3%	130	99%	2917	0.31	60/776	121 +5
flutter_modular	Flutterando	11 -1	890 +85	5.02	13.05.2022	Yes	100.0%	39.9%	130	98%	+1 1064	0.84	12/465	124 -14
mobx	mobxjs	12 -1	875 +88	2.0.7+2	14.05.2022	Yes	98.8%	32.3%	120	99%	2136	0.41	39/435	130 -15
injectable	Milad-Akari	13	644 +90	1.5.3	08.01.2022	Yes	Not given	92.7%	130	99%	+1 340	1.89	71/149	189 -2
flutter_mobx	mobxjs	14	488 +38	2.0.6+1	14.05.2022	Yes	98.8%	87.0%	125	99%	2136	0.23	39/435	244 -24
hooks_riverpod	rrousselGit	15	416 +57	1.0.4	12.05.2022	Yes	95.9%	91.7%	130	98%	2917	0.14	60/776	288 -4
flutter_redux	brianegan	16 +1	373 +37	0.10.0	14.05.2022	Yes	98.3%	93.2%	130	+10 97%	1548	0.24	15/180	318 -14
states_rebuilder	GlifatahTH	17 -1	356 +18	6.1.0+1	13.05.2022	Yes	96.3%	66.7%	120	-10 93%	467	0.76	13/187	332 -30
redux	fluttercommunity	18	302 +29	5.0.0	23.02.2021	Yes	92.1%	88.9%	115	97%	498	0.61	7/34	393 -25
flutter_clean_architecture	ShadyBoukhary	19	263 +34	5.0.2	25.01.2022	Yes	Not given	52.8%	100	-20 89%	497	0.53	7/44	448 -13
state_notifier	rrousselGit	20 +1	212 +26	0.7.1+2	16.01.2022	Yes	Not given	84.4%	130	96%	274	0.77	5/37	539 -14
scoped_model	brianegan	21 -1	200 +8	1.1.0	18.10.2020	No	93.1%	76.9%	110	98%	768	0.26	13/80	562 -45
mvc_pattern	AndriousSolutions	22	164 +14	8.10.1+1	13.04.2022	Yes	82.1%	94.3%	110	-20 97%	159	1.03	0/24	662 -42
async_redux	marcglasberg	23	119 +7	15.0.0	13.05.2022	Yes	Not given	39.8%	120	95%	+6 207	0.57	4/91	901 -86
kiwi	vanlooverenkoen	24	118 +18	4.0.2	19.02.2022	Yes	Not given	91.7%	120	-10 95%	319	0.37	5/37	904 -4
momentum	xamantra	25	93 +5	2.2.1	20.08.2021	Yes	100.0%	96.3%	120	73%	-2 113	0.82	5/40	1115 -95
get_it_mixin	escamoteur	26	76 +12	3.1.4	01.10.2022	Yes	Not given	85.0%	130	89%	+3 38	2.00	1/14	1284 +12
fish_redux	alibaba	27	61 +1	0.3.7	09.03.2021	No	53.2%	31.2%	100	92%	-1 7269	0.01	158/432	1522 -163
binder	letsar	28	59 +5	0.4.0	25.03.2021	Yes	99.7%	94.3%	110	-10 66%	-5 171	0.35	4/14	1566 -95
flutter_command	escamoteur	29	49 +2	2.0.1	07.05.2021	Yes	91.6%	57.1%	130	71%	-4 35	1.40	2/7	1822 -169
rx_command	escamoteur	30	46 +1	6.0.1	13.07.2021	Yes	Not given	45.2%	115	85%	-2 132	0.35	1/40	1909 -208
mwwwm	surfstudio	31	36 +2	2.0.0	07.07.2021	Yes	51.1%	61.7%	110	-10 80%	+1 8	4.50	7/0	2277 -196
<i>flutter_bloc (flutter_bloc + bloc)</i>											9018	0.62		
<i>riverpod (riverpod + flutter_riverpod + hooks_riverpod)</i>											2917	1.01		
<i>get_it (get_it + get_it_mixin + flutter_command)</i>											1002	2.30		
<i>mobx (mobx + flutter_mobx)</i>											2136	0.64		

출처: <https://twitter.com/RydMike/status/1528827017172504579/photo/1>



## Majid Hajian: 클라이언트 개발 15년차가 이야기하는 최고의 패키지는?



오늘은 GetX로 해봅시다.

# 실습 시작