

# 과정소개 및 준비

# CONTENTS

01

소개

02

Curriculum  
(커리큘럼)

03

Slack (슬랙)

3-1 Slack Join하기

3-2 Slack 기능

3-3 Why Slack?



# 01 소개

# About Me

## 유양규 Senior Software Engineer

- Web/ in-house 애플리케이션 엔지니어 @미국 국무부 (US Department of State)
- MS Sharepoint, Data visualization front-end 엔지니어 @US Department of Veterans Affairs
- .NET 애플리케이션 @미국 노동부 (US Department of Labor)
- 기계학습 research, 파이썬 애플리케이션 Dev
- SQL 쿼리 데이터 분석, 조작(manipulation), 집계(aggregation), 구조 정규화
- 데이터 시각화 enthusiast

[yangkyuyoo@gmail.com](mailto:yangkyuyoo@gmail.com)

## About We

- 이름
- 아이디
- 하는일
- 인공지능하면 가장 먼저 떠오르는 영화, 드라마, 쇼, 기사, 기타 등등?
- 이번 연수에서 얻고 싶은 것은?



# 02

## Curriculum (커리큘럼)



## 교육과정

### Day 1 - 파이썬, 인공지능과 머신러닝 소개

- 과정소개
- Python 소개
- 인공지능과 머신러닝 소개

### Day 2 - 머신러닝에 꼭 필요한 Python

- 머신러닝에 꼭 필요한 Python 기초와 실습 1
- 머신러닝에 꼭 필요한 Python 기초와 실습 2
- 머신러닝 이해하기 - 이론과 실습

### Day 3 - Python 머신러닝에 필요한 데이터분석 library

- Python 머신러닝에 필요한 데이터분석 라이브러리 기초와 실습 1
- Python 머신러닝에 필요한 데이터분석 라이브러리 기초와 실습 2
- 머신러닝 모델부터 예측까지 기초 이론

## 교육과정

## Day 4 - 머신러닝 모델부터 예측

- 머신러닝 모델부터 예측까지 기초 실습 1
- 머신러닝 모델부터 예측까지 기초 실습 2

## Day 5 - 인공지능과 머신러닝 지금과 미래

- 인공지능과 머신러닝 지금과 미래
- 과정 마무리

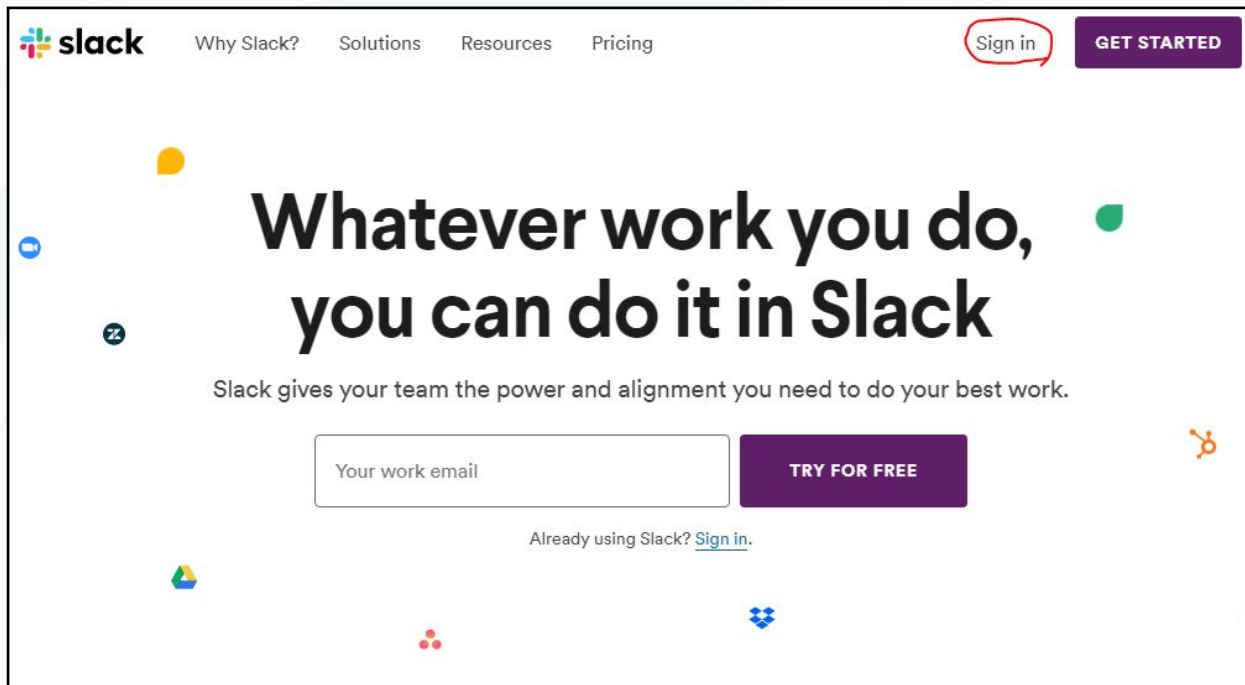




# 03 Slack (슬랙)

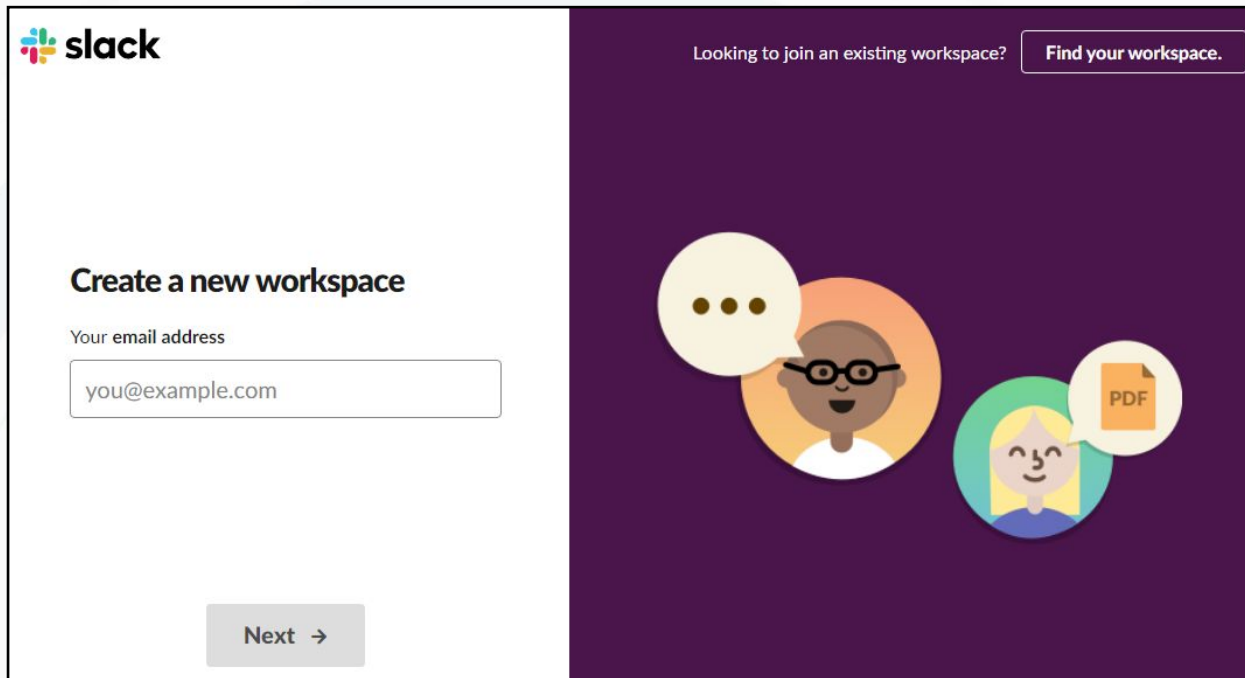
## 3-1 Slack Join하기

<https://slack.com> 으로 가서 Sign in을 합니다.



**[workspace 새로만들기]**

workspace를 새로 만들려면 email address을 입력하고 Next를 누릅니다.

The image shows the Slack 'Create a new workspace' interface. On the left, the Slack logo is at the top. Below it, the heading 'Create a new workspace' is followed by the label 'Your email address'. A text input field contains the placeholder 'you@example.com'. At the bottom of this section is a 'Next →' button. On the right, a dark purple panel contains the text 'Looking to join an existing workspace?' and a button labeled 'Find your workspace.'. Below this text is an illustration of two stylized people: a man with glasses and an orange head, and a woman with blonde hair and a green head. They are surrounded by speech bubbles, one of which contains a PDF icon.

**[workspace 새로만들기]**

Signing up을 완료합니다. Email로 code를 받은후 입력합니다.

**Confirm your email address**

Thank you for signing up for Slack. We're happy you're here!

Enter the following code in the window where you began creating your new Slack workspace:

460-778

This email contains private information for your Slack account — please don't forward it. Questions about setting up Slack? Email us at [feedback@slack.com](mailto:feedback@slack.com).

**[workspace 새로만들기]**

새로운 회사이름 혹은 팀 이름을 넣습니다.

**What's the name of your company or team?**

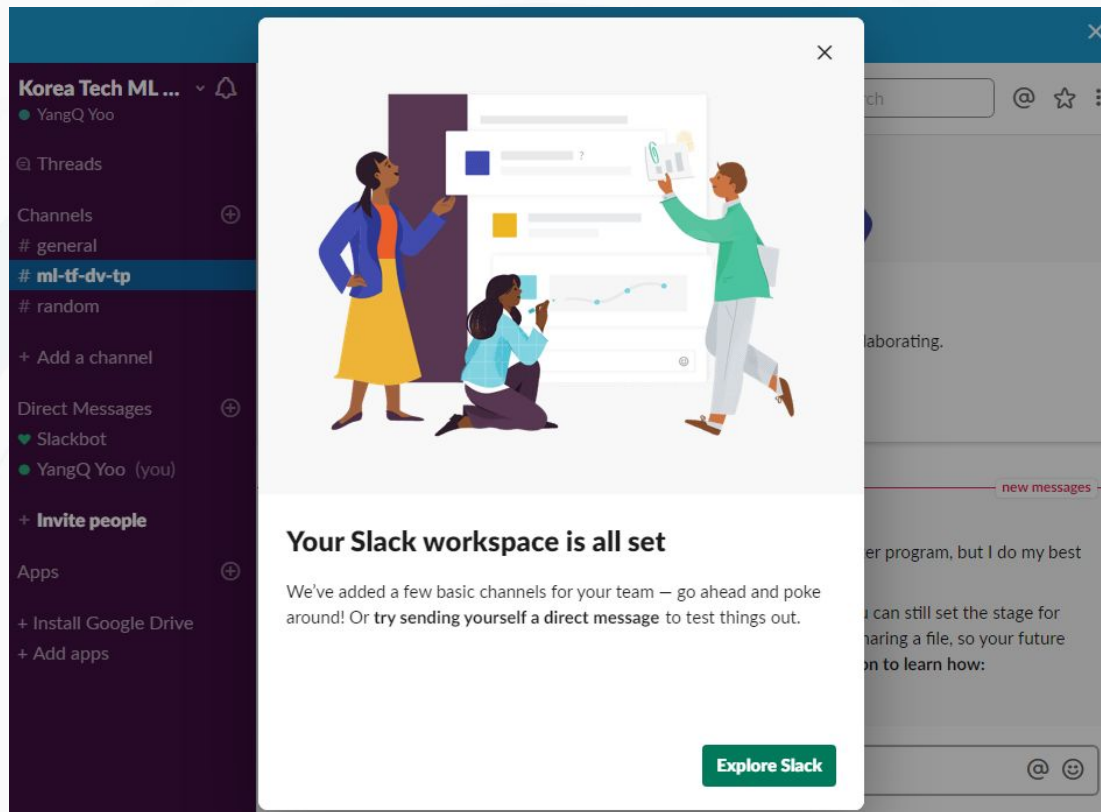
Korea Tech ML VZ Summer 2019

**Next**

By continuing, you're agreeing to our [Customer Terms of Service](#), [Privacy Policy](#), and [Cookie Policy](#).

## [workspace 새로만들기]

workspace가 성공적으로 만들어지게 됩니다.



### [workspace 조인하기]

슬랙에서 온 이메일을  
확인하고 Join Now를  
클릭합니다.

## Join your team on Slack

yangkyuyoo (yangkyuyoo@gmail.com) has invited you to use Slack with them, in a workspace called **Korea Tech 2020 Winter Python AI**.



**Korea Tech 2020 Winter Python AI**

[kt2020w-py.slack.com](https://kt2020w-py.slack.com)

Join Now

yangkyuyoo has already joined






**[workspace 조인하기]**


Full name과 Password를  
입력합니다.

Full name - 이름


Display name - 슬랙안에서  
사용되는 아이디 (나중에  
profile에서 추가가능)



## Join Korea Tech 2020 Winter Python AI on Slack



yangkyuyoo has already joined

 Continue with Google

OR

Full name

Password

Create Account

☒ It's okay to send me emails about Slack.

By continuing, you're agreeing to our [User Terms of Service](#), [Privacy Policy](#), and [Cookie Policy](#).

**[workspace 조인하기]**

Invite에서는 Skip For Now를 클릭합니다.

## Invite your teammates

All set! You're joining YangQ Yoo. Anybody else you'd like to invite?

Email address

[+ Add another invitation](#)

Skip For Now

Send Invitations

## [workspace 조인하기]

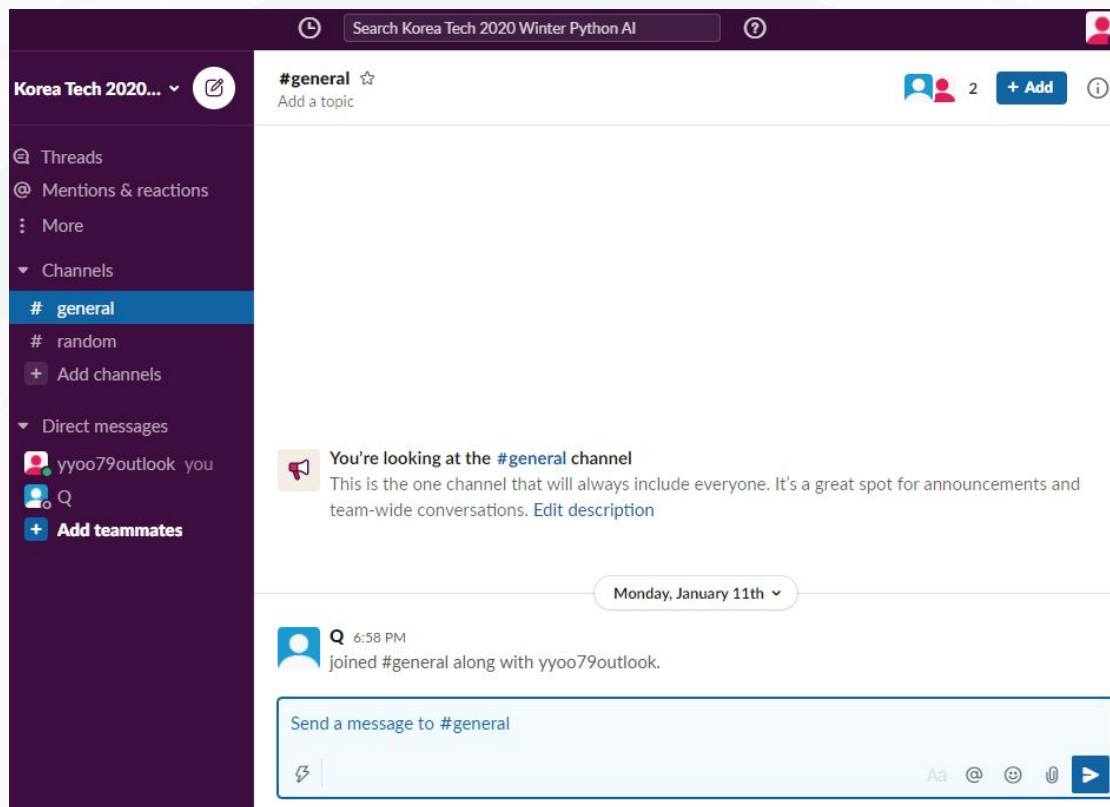
Join 성공 화면

The screenshot displays the Slack workspace interface. On the left sidebar, the workspace name is 'Korea Tech ML ...'. Under 'Channels', the channel '# ml-tf-dv-tp' is selected and highlighted in blue. Below the sidebar, the main content area shows the channel header '#ml-tf-dv-tp' with 2 members and 0 topics. A confirmation message states 'You just joined #ml-tf-dv-tp' with a confetti icon. Below this, it lists 'Created on June 6, 2019 by YangQ Yoo' and an option to 'Don't show me this message when I join a channel'. A green 'Got it!' button is at the bottom of the message.

## [workspace 조인하기]

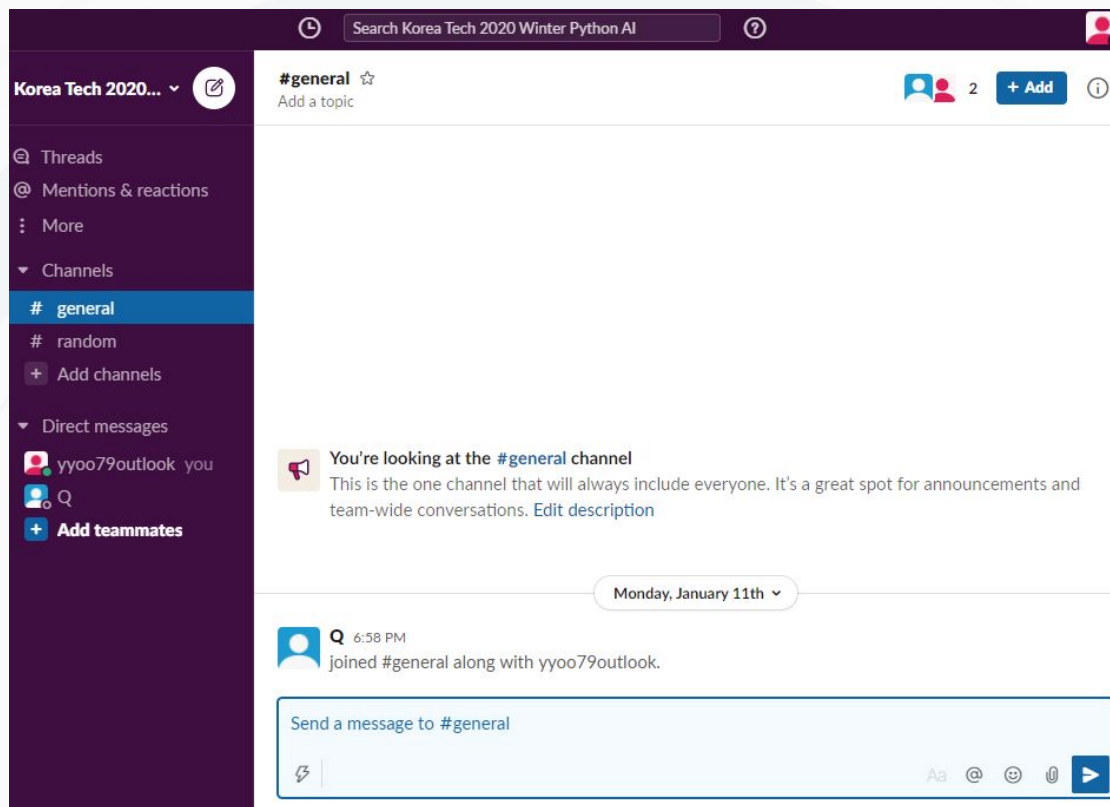
성공적으로 로그인했으면 Korea Tech 2020 Winter Python AI로 들어가게 됩니다.

Channel은 #general과 #random이 있습니다.



## [workspace 조인하기]

Channel #general에 조인합니다.



[workspace 조인하기] OTHER OPTION (이메일 확인이 안되는 경우)

처음 화면으로 돌아가 Sign in 버튼을 누릅니다. **kt2020w-py.slack.com**를 넣습니다.

The image shows the Slack sign-in page. At the top is the Slack logo. Below it is the heading "Sign in to your workspace". Under the heading is the instruction "Enter your workspace's Slack URL". There is a text input field containing the placeholder text "your-workspace.slack.com". Below the input field is a dark purple button labeled "Continue". At the bottom, there are two links: "Don't know your workspace URL? Find your workspaces" and "Looking to create a workspace instead? Create a new workspace".

 slack

## Sign in to your workspace

Enter your workspace's Slack URL

**Continue**

Don't know your workspace URL? [Find your workspaces](#)

Looking to create a workspace instead? [Create a new workspace](#)

[workspace 조인하기] OTHER OPTION (이메일 확인이 안되는 경우)

아이디와 암호를 넣고 Sign in을 합니다.



# Sign in to Korea Tech 2020 Winter Python AI

kt2020w-py.slack.com

 Continue with Google

OR

Email address

name@work-email.com

Password

Your password

Sign in

☒ Remember me on this device

Forgot your password? [Get help signing in](#)

Looking for another workspace? [Find your workspaces](#)





# 03 Slack (슬랙)

3-2 Slack 기능

## 02-1 슬랙봇(SlackBot)

도움이 필요할때 슬랙봇을 사용합니다.

키워드만 적어도 여러가지 옵션을 줍니다.

### Hi, Slackbot here!



You can ask me simple questions about how Slack works, or just type a few keywords. For example: **Can I edit a message I've posted?** Or simply: **edit message**.

I'm only a bot, but I'll do my best to answer! If I don't understand, I'll search the [Help Center](#).






Message Slackbot



## 02-2 설문조사(Simple Poll)

익명 설문조사도 만들 수 있습니다.

 **YangQ Yoo** 7:44 PM  
/poll "어디에 더 관심이 있습니까?" "머신러닝" "인공지능" "딥러닝" "데이터 시각화" "점심" anonymous

 **Simple Poll** APP 7:44 PM  
 This poll is anonymous. The identity of all responses will be hidden.


어디에 더 관심이 있습니까?

- ☒ 1 머신러닝
- ☐ 2 인공지능
- ☐ 3 딥러닝
- ☐ 4 데이터 시각화
- ☐ 5 점심



Delete Poll

 Simple Poll Edit Settings

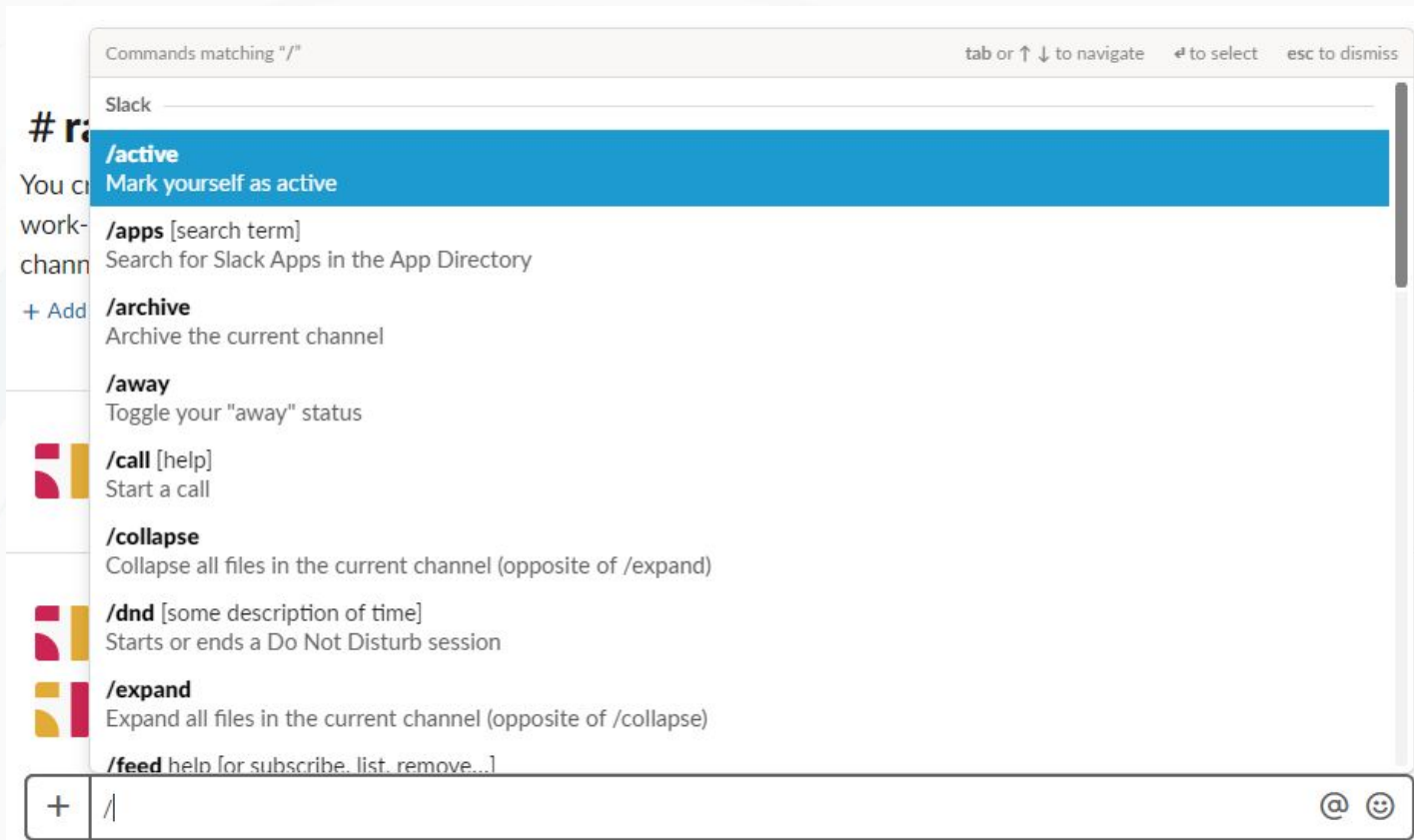
 Only visible to you

The red 'delete' button only works for you. No-one else in the team will be able to delete your poll. 😊

 Simple Poll

## 02-3 기타 기능

/ 를 사용해서 다양한 기능을 사용할 수 있습니다.

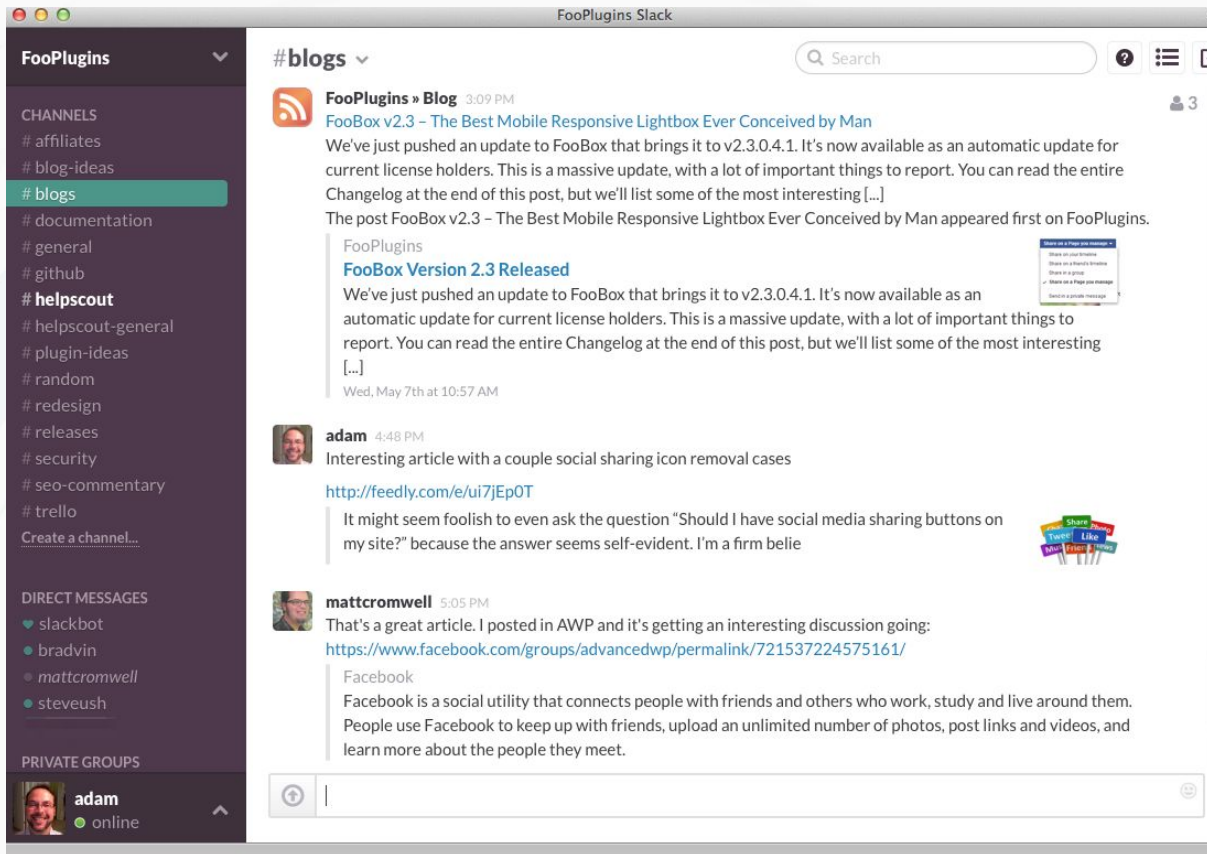




# 03 Slack (슬랙)










3-3 Why Slack?

1. 모든 팀 커뮤니케이션은 한 곳에서 진행됩니다.





## 2. 이미 사용하고있는 서비스와의 통합


 <b>Crashlytics</b> Mobile crash analysis and reporting. <a href="#">+ Crashlytics</a>	 <b>Datadog</b> SaaS app monitoring all in one place. <a href="#">+ Datadog</a>	 <b>Dropbox</b> Cloud file storage and syncing. <a href="#">+ Dropbox</a>
 <b>GitHub</b> Source control and code management. <a href="#">+ GitHub</a>	 <b>Google Drive</b> Online document and file storage. <a href="#">+ Google Drive</a>	 <b>Google+ Hangouts</b> Bring your conversations to life with free video calls. <a href="#">+ Google+ Hangouts</a>
 <b>GoSquared</b> Real-time web analytics platform. <a href="#">+ GoSquared</a>	 <b>Help Scout</b> Scalable customer support software. <a href="#">+ Help Scout</a>	 <b>Heroku</b> Cloud application deployment and hosting. <a href="#">+ Heroku</a>





## 2. 이미 사용하고있는 서비스와의 통합


### Daily Tools


[See all](#)


**Outlook Calendar**  
Communication

**Slack for Gmail**  
Communication

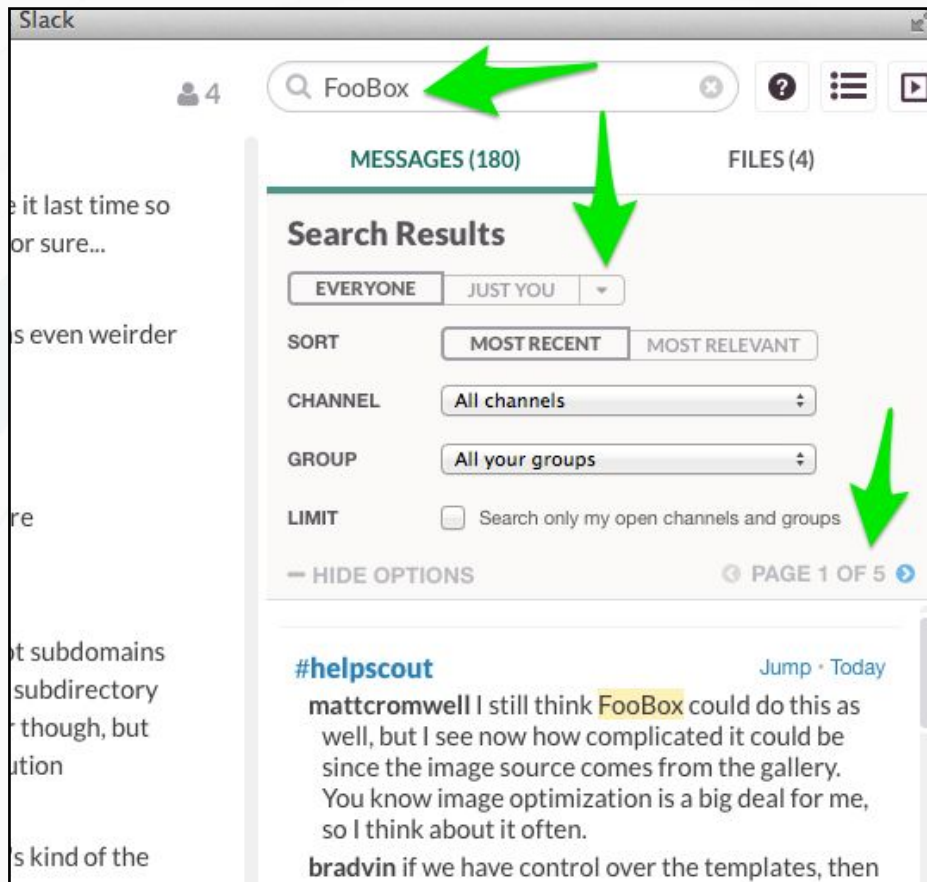
**Slack for Outlook**  
Communication

**Google Drive**  
File Management

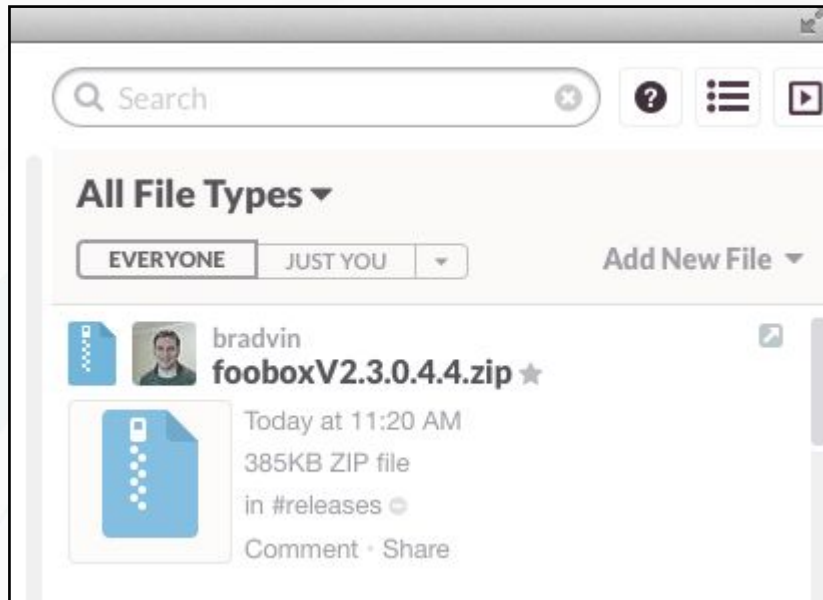
**Microsoft OneDrive**  
File Management

**Zoom**  
Communication

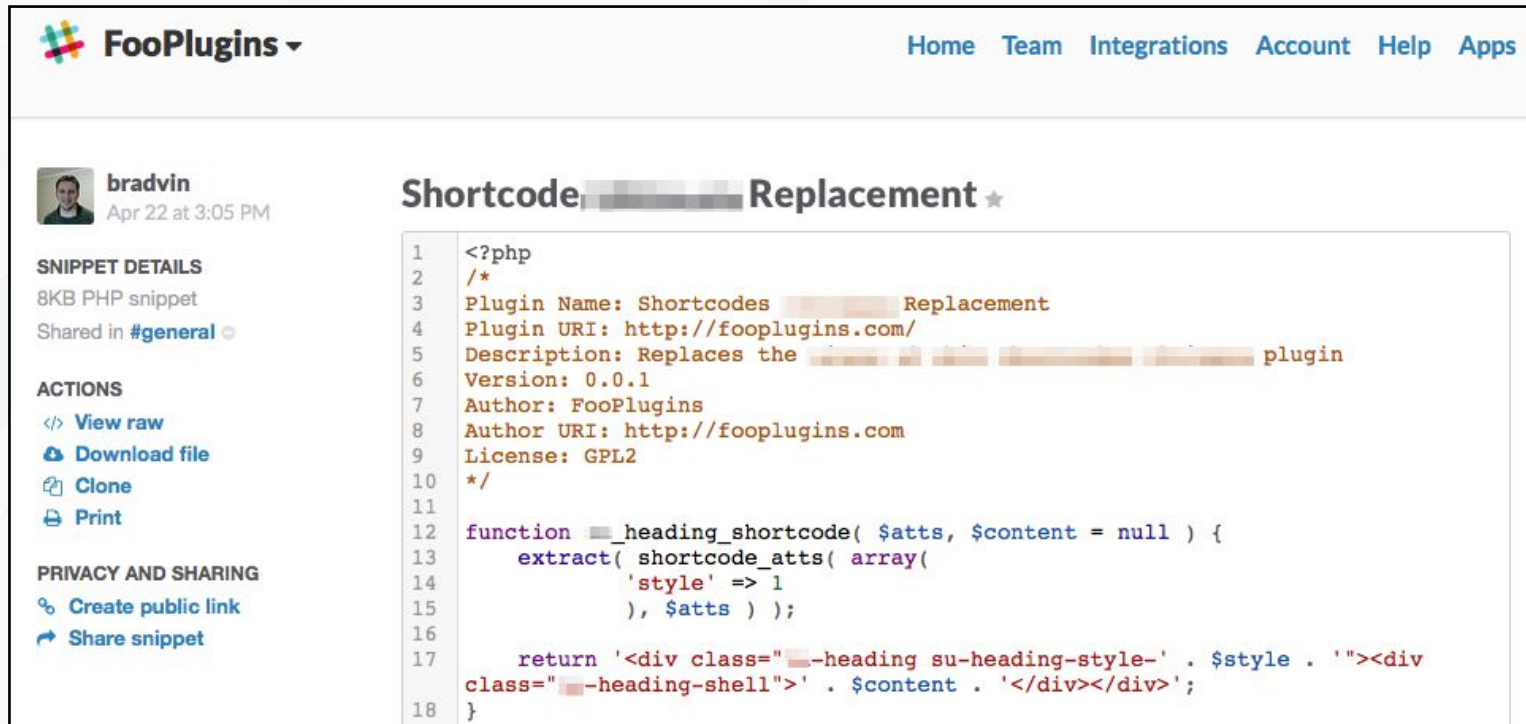
3. 하나의 검색 창에서 모든 콘텐츠를 검색 할 수 있습니다.



## 4. 파일 공유



## 5. 코드 스니펫(Code Snippet)



The screenshot shows a Slack interface for a channel named 'FooPlugins'. The channel header includes navigation links: Home, Team, Integrations, Account, Help, and Apps. A user named 'bradvin' has posted a code snippet titled 'Shortcode Replacement' on April 22 at 3:05 PM. The snippet is a PHP file (8KB) shared in the '#general' channel. The code defines a shortcode replacement function. The left sidebar shows 'SNIPPET DETAILS' (8KB PHP snippet, shared in #general), 'ACTIONS' (View raw, Download file, Clone, Print), and 'PRIVACY AND SHARING' (Create public link, Share snippet).

**Shortcode Replacement** ★

```

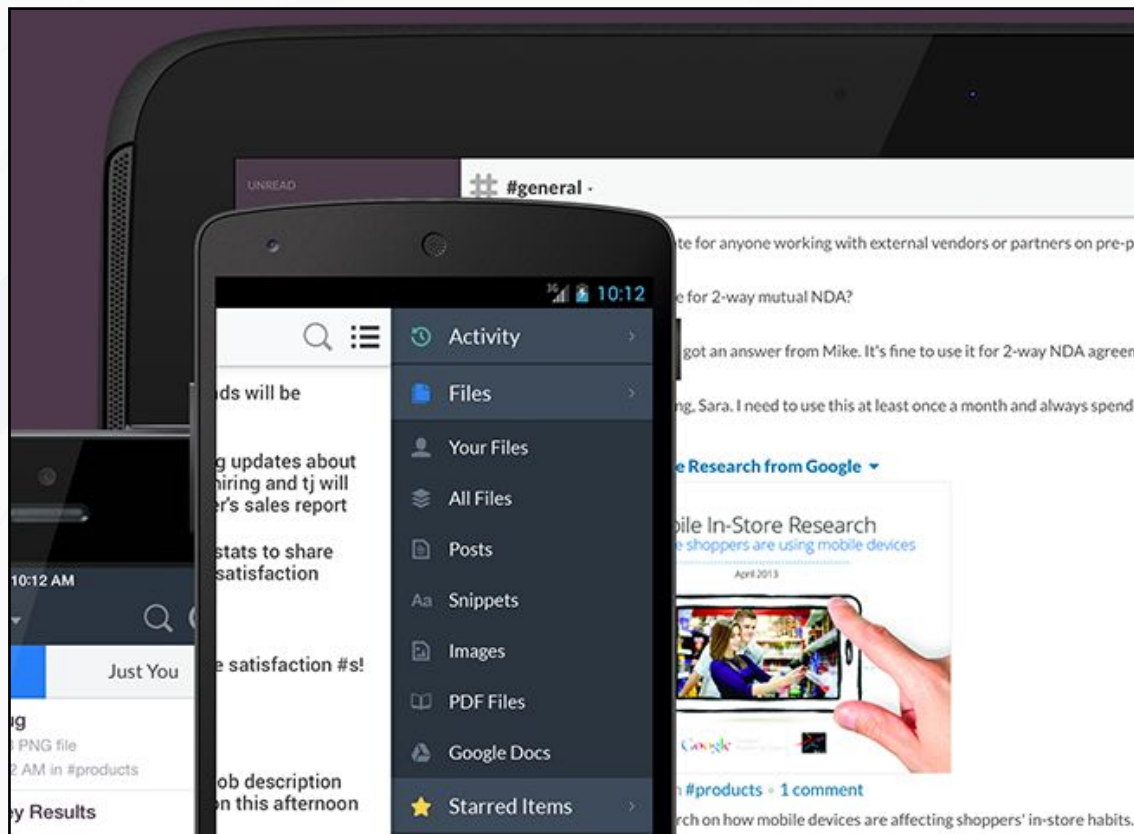
1  <?php
2  /*
3  Plugin Name: Shortcodes Replacement
4  Plugin URI: http://fooplugins.com/
5  Description: Replaces the [shortcode] plugin
6  Version: 0.0.1
7  Author: FooPlugins
8  Author URI: http://fooplugins.com
9  License: GPL2
10 */
11
12 function _heading_shortcode( $atts, $content = null ) {
13     extract( shortcode_atts( array(
14         'style' => 1
15     ), $atts ) );
16
17     return '<div class="' . _heading_su-heading-style- . $style . '"><div
18     class="' . _heading-shell">' . $content . '</div></div>';

```

## 6. 일대일 및 비공개 그룹

- 팀 커뮤니케이션의 투명성은 분명 훌륭한 옵션이지만, 팀 구성원간에 개인적으로 무언가를 의사소통해야 할 때가 있습니다.
- 급여 관련 또는 팀 전체가 참여할 필요가 없는 다른 개인적인 상황이 있습니다.
- **Slack**은 다른 채팅 클라이언트와 마찬가지로 두 사람이 개인적으로 메시지를 교환할 수 있게 해줍니다.

## 7. 어디에서나 사용 가능



## Reference

<https://slack.com/>