Display Search Result

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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Video production by: Spoken Tutorial Team

IIT Bombay
10 June 2019

Learning Objectives

- Use **RecyclerView** to display the thumbnail of videos

- **Use RecyclerView to display the thumbnail of videos**
- **Get the thumbnail from a specific Spoken Tutorial YouTube URL**

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- **Run the Kotlin App**

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System Requirements

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- **Ubuntu Linux 16.04 operating system**
- **Android Studio version 3.x**
- **Android Phone with minimum of Android OS version 4.03**

Pre-requisites

- **Java programming language**

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If not, then go through the relevant tutorials on https://spoken-tutorial.org

Recap

- **Earlier, we parsed the JSON data received from the server**

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- **Earlier, we parsed the JSON data received from the server**

- **The data is stored in an arraylist finalResultsArrayList**

- **We will use this arraylist to display the searched result to the user**

RecyclerView

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- **When we scroll, it will use the same place to display new images**

RecyclerView

- RecyclerView recycles the visible views on the screen to show new views
- When we scroll, it will use the same place to display new images
- This way RecyclerView is efficient and faster

In this tutorial we learnt to

- **Use RecyclerView to display the thumbnail of videos**

- **Get the thumbnail from a specific Spoken Tutorial YouTube URL**

- **Pass the videoID of the selected Spoken Tutorial**

Summary

In this tutorial we learnt to

- **Run the Kotlin App**
- **Display the thumbnail of the selected video**

Assignment

1. **Select a different FOSS and Language and check the thumbnails which are loaded**

About the Spoken Tutorial Project

- Watch the video available at
  http://spoken-tutorial.org
  /What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial
  project
- If you do not have good
  bandwidth, you can download
  and watch it

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**
- **Gives certificates on passing online test**
- **For more details, please write to contact@spoken-tutorial.org**

Forum for specific questions

- Do you have questions in THIS Spoken Tutorial?
- Please visit **http://forums.spoken-tutorial.org**
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them

Acknowledgements

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**

Thank you

- The **Android app** and the script for this tutorial was contributed by **Abhishek Shah** *(FOSSEE Fellow 2018)*
- The video has been created by **Spoken Tutorial team, IIT Bombay**