droidcon academy

Implementing Retrofit and Hilt Dependency Injection

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Section Overview: TODO

- Add appear or fade animation to each bullet
    - Talk for each bullet as they appear on screen
        - Use only theme colors to highlight a text or code or insert any shapes
            - I am sure this fourth level is not required. Use it cautiously.
- Use code snippet and highlight it just like done below
    - Display Toast on click of RecyclerView item
- Learn to use @Embedded annotation in Room database
- Explore the starter project
- Press enter after this bullet and get default animation in next bullet
    - This bullet has a animation
    - Use @Preview with your Composable to check its preview
- // Don’t write below this bullet. Instead use a new slide.

Retrofit

- Communicates with Google Books API
- Retrieves JSON response
- Parse JSON response into data classes
- Makes data available using Kotlin Flows

Hilt Dependency Injection

- Injects dependencies into ViewModel
- Makes Retrofit repo available without tight coupling

Connectivity Monitor

- We will create a class to monitor network availability
- Allows us to update the UI

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Adding ViewModel and Repository Layer in MVVM

Up Next