RecyclerViewer

This sample app accompanies the articles CardView and RecyclerView. You can use this sample to learn how to use the new `CardView` and `RecyclerView` widgets introduced with Android 5.0 Lollipop.

This app is a simple "Photo Album Viewer" that lets the user scroll up and down to view a collection of photos. Each photo, which consists of an image with caption text, is displayed as a row item in the `RecyclerView`. The *Random Pick* button randomly swaps a photo in the collection with the first photo to demonstrate how `RecyclerView` is updated when the data set changes. When the user taps a photo, a toast appears to display the number of the photo within the collection – this demonstrates how item view click handlers work.

Each image/caption (photo) row item is displayed in a `CardView` layout, and the app uses a single `RecyclerView` layout to hold and display over thirty unique row items. An *adapter* is used to connect the `RecyclerView` with a simple "Photo Album" database, a *view-holder* is used to cache view references, and a linear *layout manager* positions the `CardView` row items within the `RecyclerView`.

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