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## Android fragment dependency

&lt; Back to Our Blog While Android development exists, we've used setContentView to inflate layouts in our Activities classes. And since the introduction of Shards, we've had to replace in CreateView and use a layout inflater to get our visualization from a layout ID. They are so common to write that it is easy not to think about them too much. At the same time, they feel a bit like boilers, right? Wouldn't it be nice if there was a simpler way to inflate our opinions? I'm happy to say that with some recent updates from the AndroidX library, there's a simpler way. Show me the code! During the development of AndroidX Fragment 1.1.0 and AndroidX Activity 1.0.0, the type of people on Google added a new way to inflate layouts. To start using them, add the following lines to the dependency block of your build.gradle module-level file: implementation 'androidx.appcompat:appcompat:1.1.0-rc01' // this is required to use the updated Implementation of AppCompatActivity 'androidx.activity:activity-ktx:ktx:ktx:1.0.0-rc01' // or remove -ktx if not using kotlin implementation 'androidx.fragment:fragment-ktx:1.0-rc04' // or remove -ktx if not using kotlin Note that these versions are the latest from this writing, but update them as needed. You can find the latest versions here. These new versions add the ability to pass the layout ID to the activity or fragment base class constructor, and it will handle behind-the-scenes inflation. So instead of something like: MyActivity class : AppCompatActivity() { override fun onCreate (savedInstanceState: Bundle?) { super.onCreate(savedInstanceState) setContentView(R.layout.my\_activity\_layout) } // ... } ... instead, you can write: MyActivity class : AppCompatActivity(R.layout.my\_activity\_layout) { // ... } This works the same way with Fragments as well. Be sure to import AndroidX Fragments (androidx.fragment.app.Fragment) instead of the framework version (android.app.Fragment). Old way: class MyFragment : Fragment() { override fun onCreateView (inflater: LayoutInflater, container: ViewGroup?, savedInstanceState: Bundle?): View? { return inflater.inflate(R.layout.my\_fragment\_layout, container, false) } // ... } New form: MyFragment class : Fragment(R.layout.my\_fragment\_layout) { // ... } If the only code that was within the activity onCreate method or the onCreateView Fragment was the layout inflation code (as in the examples above), then you can completely remove these overridden methods. This is especially useful in Fragments, since you can place any logic for after the visualization is inflated in the onCreateView method. Wrapping This new way of using layouts won't change the landscape of UI development on Android (I'm looking at you, Jetpack Compose), but a small step that can save us from writing some extra code while doing our Activities and Fragments, which I can certainly appreciate. Need an introduction to Kotlin? Download our free eBook to learn what this language means for your Android App. Android, the title says, I'm trying to figure out what is the best way to inject a dependency into a Fragment. I want to be independent of external structures like RoboGuice etc. Now, in the simplest way possible, I have an interface that abstracts some kind of logic, and from an Activity, I want to inject an implementation of that interface. I know I have to provide a default constructor for my fragment, since the system may need to recreate the fragment at some point, and that the usual way to create a new instance of the fragment is to provide static method that handles creation like this: newInstance() public static fragment { final bundle package = new Bundle(); ... final fragment fragment = new MyFragment(); fragment.setArguments(package); return fragment; } How can I pass my dependency to the fragment? Should I make it implement the Parcelable or Serializable interfaces and package it in the Bundle? Is there another way to achieve the result? INSTALL GREPPER FOR CHROME Browse java responses by Framework All Java responses Given an int n variable that has already been declared and initialized to a positive value, use one of the... while looping to print a single line consisting of n asterisks. Do not use variables beyond \$950 to 6% per year for three years. check the key is pressed java else statement java how to know if String is the same java im retarded java.lang.OutOfMemoryError: Failed to allocate spring code in java java.lang.ClassNotFoundException: javax.xml.bind.ValidationException .length array java 1 element array java 1.13. programacion oriented to java 1.6.6: mia citation awnser 13 live 2 decimal places print format JAVA 2+2=5 27 \*5 2d array java 2d array length in java 2d arraylist in java 2d arrays | java 3-way radix quicksort java 30/8 710 \* 12 &lt;?xml version=1.0 encoding=UTF-8? &gt; &gt; Task :run faulty error: Could not find or load the main class Caused by: java.lang.ClassNotFoundException: @interceptor does not work java @pathvariable spring startup A queue after the following operations: enqueue(3) enqueue(4) enqueue(2) enqueue(1) enqueue(1) enqueue(2) enqueue(2) dequeue(2) a function recurs calculates the largest common divisor of user input in abdominals java in absolute value java in java absolute value java abstract class example in java abstract class in java abstract class division java construction building in java Access denied find camera.aux.packagelist property access each key in a java hashmap see access modifiers in java AccountDriver.java long-pressure action of editText actionListener java adb : Command not found add a value to a java list in java hashmap add certificate to java truststore add close button in the upper right corner of the alert dialog box for android add each element in an element to add java array to java add in the java list add jpg to JPanel add a character to java string add dependency of retrofit android add second to date java add two bitwise numbers Add two numbers without without arithmetic operators in java add uuid to csv add video at startup add display to relative programmatic layout by adding an element to the end of a java linked list adding java swing image\ adding new field in existing kibana index using java spark addition of two binary numbers in java addition of two numbers in java addOnTabSelectedListener java android admob preload ad afficher texte java Alerter for java alfred workflow algorithm to know if a number is an integer all kinds data in java all variables java AmazonS3ClientBuilder American heavy tanks ww2 a set of names for java and roid set formCornerRadii android access main toolbar in fragment android navigation bottom hiding views android BottomSheetDialogFragment not fully opening in the landscape android cardview dependence android clear specific shared value android encoding how to open android map create android notification :stackoverflow.com android elevation not working android findviewbyid of item.actionView returns null android in foreground push notification android get distance between two sites kotlin android get last crash adb android get android sdk version get string xml text programmatically android get user set device name programmatic android gridView item click ripple effect android hide and show lower android navigation hide android how to know when the snack bar is made android how to split the android string how to switch between The android activities image displaying rotating image android iterate through the java android java radio group add new record to Firebase firestore android java close app android java convert double to 2 decimal places android java display icon in android java action bar how to blur an android java image how to prevent the activity from opening twice programmatically android java how to prevent users from coming back too android java navigation icon bar with android java title random fragment in the creation of Android java remove action bar android java retrofit offline cache android java preferences shared remove key android java background transparent background android java xml combo box android kotlin center text android kotlin change text color android maven dependency android MediaStore update cache before consulting android warning add example of action android onclick java android recyclerview show hidden item with animation with animation pattern Android recycleView Android linking feature linking fault of the Android double round the 2 decimals android save int android set socket timeout android sharing preferences android snackbar message is behind the button behind Android Splash Screen Android Studio - All file names in the project are red, but there are no android studio errors centering textview on android studio clear views of android studio layout find all views in android studio layout get id name of see android studio get time android studio get time android studio studio random number android studio generator keep device awake android studio print console android



