

- 1 Introduction
- 2 Setup
- 3 Test the model
- 4 Optimize the model
- 5 Make the model compressible
- 6 Setup the Android app
- 7 Test run the app
- 8 Run the customized app
- 9 **How does it work?**
- 10 What Next?

TensorFlow for Poe...

5 min remaining

9. How does it work?

So now that you have the app running, let's look at the TensorFlow specific code.

TensorFlow-Android AAR

This app uses a pre-compiled Android Archive (AAR) for its TensorFlow dependencies. This AAR is hosted on [jcenter](#). The code to build the AAR lives in [tensorflow.contrib.android](#).

The following lines in the [build.gradle](#) file include the AAR in the project.

[build.gradle](#)

```
repositories {  
    jcenter()  
}  
  
dependencies {  
    compile 'org.tensorflow:tensorflow-android:  
}
```

Using the TensorFlow Inference Interface

The code interfacing to the TensorFlow is all contained in [TensorFlowImageClassifier.java](#).

Create the Interface

The block of interest simply creates a `TensorFlowInferenceInterface`, which loads the

Did you find a mistake? [Please file a bug](#).