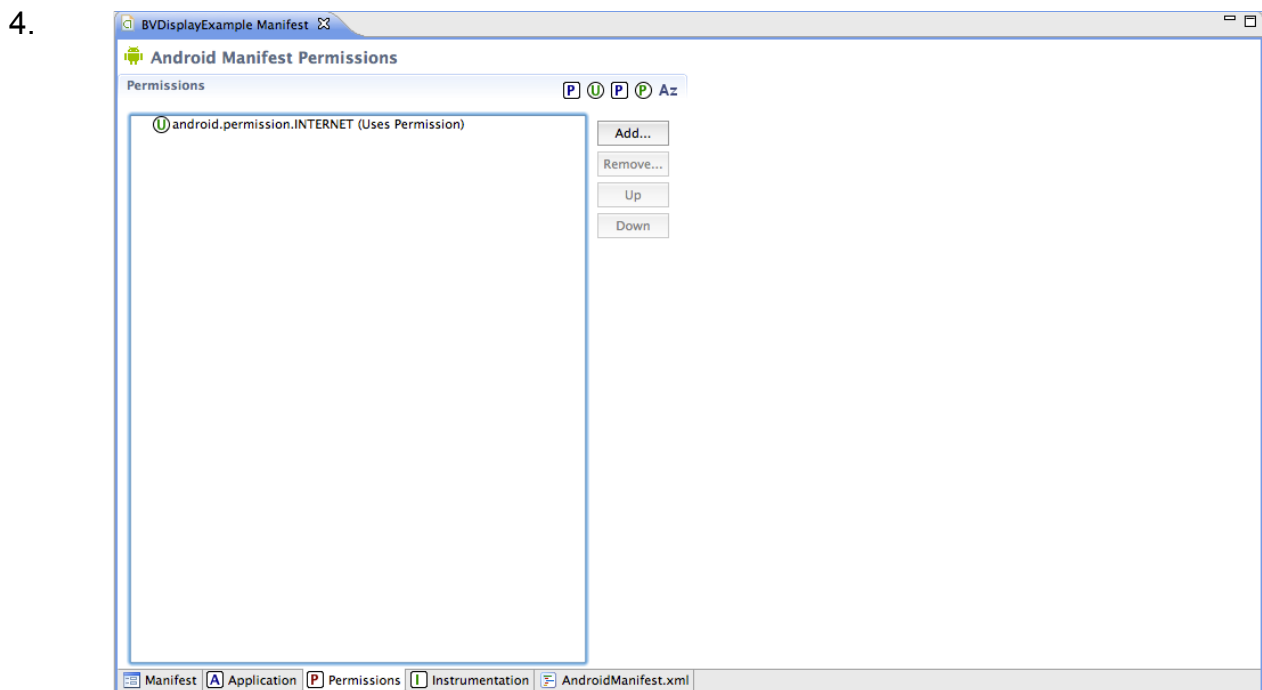


## Quick Start with the Bazaarvoice Android SDK

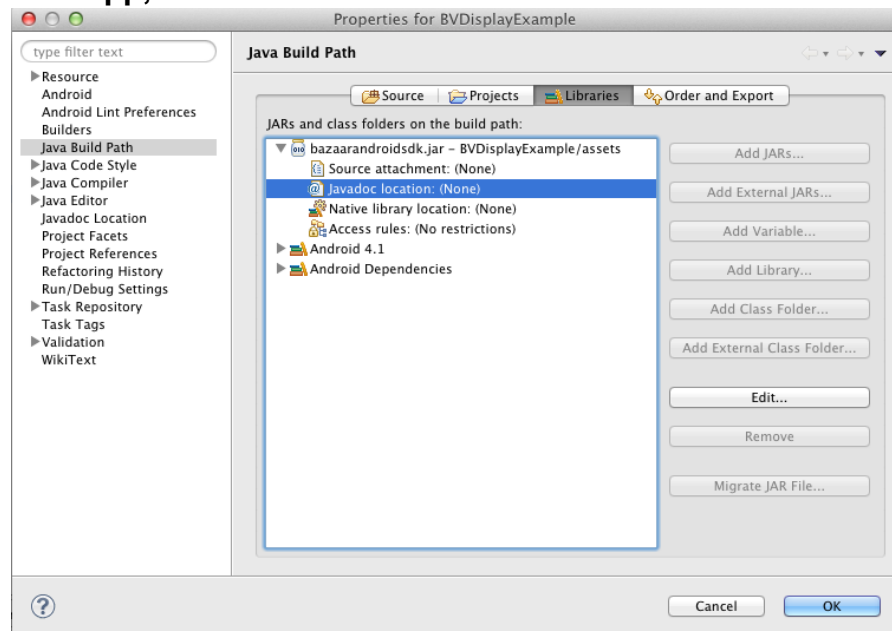
1. You will need to have a developer API key. <http://developer.bazaarvoice.com>.
2. Download the SDK (two methods):
  - a. *Recommended:* Check out the entire SDK git repository.
  - b. Download the `bazaarandroidsdk.jar` file, but grab the `/doc` folder as well.
3. Open Eclipse and make a new Android Application Project, call it "BVDisplayExample".
  - a. Eclipse should take you through a Project set up wizard. For the "Configure Launcher Icon" portion of the Android project wizard, just click "Next". Then choose "BlankActivity" and click "Next".
  - b. Now you have a `MainActivity` with a `textView` in it. Under `res/layout` in the package explorer open `activity_main.xml`, and change the ID of the `textView` to "mainText" by one of these methods:
    1. Use the "Graphical Layout" tab, right click on the `textView` and choose "Edit ID..."
    2. Use the "`activity_main.xml`" tab, find the `xml` tag for the `textView` and add the property `android:id="@+id/mainText"`
  - c. Don't forget to add a permission to use "`android.permission.INTERNET`" to the `AndroidManifest.xml` file.



Import the `bazaarandroidsdk.jar` library into your project.

**Important:** As of ADT r17 the standard way to import .jar files is to place them in a /libs folder in your project's root directory. But if you wish to have access to the Javadoc from within Eclipse, you must do something a little different:

- i. Copy the bazaarandroidsdk.jar file and the /doc folder into the /assets folder in your project root directory.
- ii. Right click on the project in the Package Explorer and go to *Build Path > Configure Build Path...*
- iii. Under Libraries, click *Add JARs...* and choose the bazaarandroidsdk.jar.
- iv. Drill down the new entry in the list, choose "Javadoc location", click *Edit...*, and choose the /doc folder.
- v. Lastly, go to the Order and Export tab and check the box next to bazaarandroidsdk.jar. **This step is very important. If you forget to do this, you will not see any errors until you run your app, but it is needed to be able to run it.**



5. Now that we have the library set up, let's make an example. Open up MainActivity.java.
6. **Important:** If you have not imported bazaarandroidsdk.jar yet, this will not work.

In the onCreate() method create a new BazaarRequest object:  
`BazaarRequest request = new BazaarRequest(<your domain name>, <your API key>, <the API version you are using>);`

**Note:** The API version should be specified like "ApiVersion.FIVE\_TWO"

7. While still inside the `onCreate()` method, add some parameters to your request:

```
DisplayParams params = new DisplayParams();
params.addFilter("Id", "test1");
```

**Note: “test1” would have to be a product in your product catalog.**

8. Next, we add define a callback inside our `onCreate()` method to handle the response:

```
OnUiBazaarResponse listener = new OnUiBazaarResponse() {

    @Override
    public void onException(String message, Throwable
exception) {
        Log.e("BVDisplayExample", "Error = "
+ message + "\n" +
Log.getStackTraceString(exception));
    }

    @Override
    public void onUiResponse(JSONObject json) {
        try {
            TextView mainText = (TextView)
findViewById(R.id.mainText);
            if (json.getBoolean("HasErrors")) {
                mainText.setText("JSON response
has errors");
            } else {
                mainText.setText(json.toString());
            }
        } catch (JSONException exception) {
            Log.e("BVDisplayExample",
"Error = " + exception.getMessage() +
"\n" +
Log.getStackTraceString(exception));
        }
    }
};
```

**Note:** If you get formatting errors from copying and pasting, simply press Ctrl+Shift+F to format the file you are viewing.

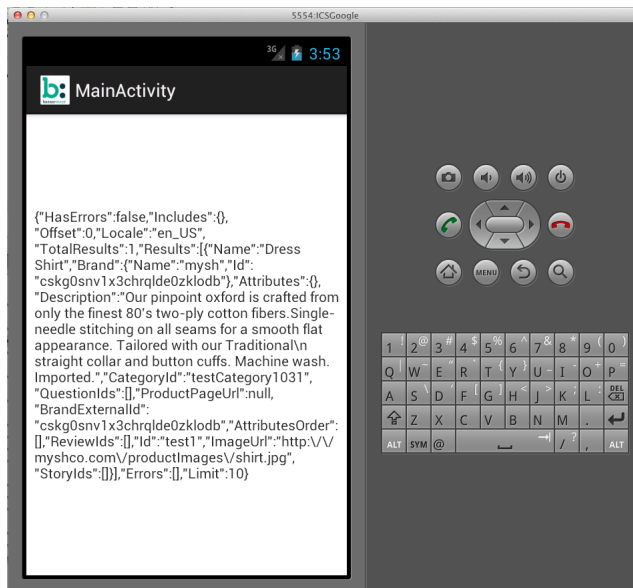
**Also:** If you are getting errors on `@Override` at this point, make sure your compiler is set to Java 1.6 not 1.5.

Click on the project in the Package Explorer, then go to Preferences -> Java Compiler -> Compiler Compliance Level to check.

9. The last bit of code in our `onCreate()` method is to tie it together and send of the request:

```
request.sendDisplayRequest(RequestType.PRODUCTS, params, listener);
```

10. Congratulations, you've made your first app with the Bazaarvoice SDK. Go ahead and run it and see the result. It should look like this:



If things aren't working correctly, check the LogCat to see if any errors were displayed. To enable LogCat, go to Window > Show View > Other... and choose LogCat from the list. If you are still unsure of what is going wrong, find the request string in LogCat and copy and paste it into a browser to check that you get a valid response.

11. For further examples, check out the `/Apps` folder in the git repository.