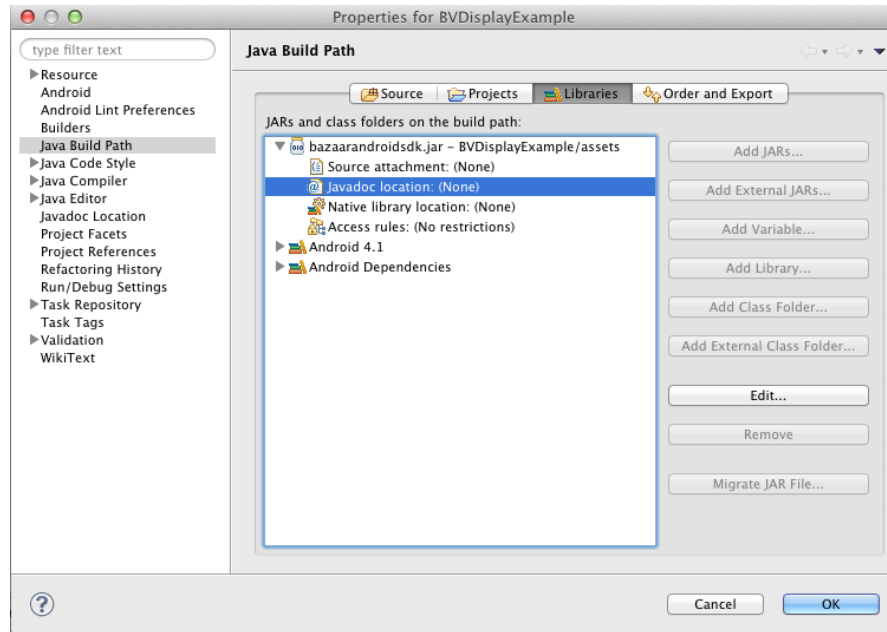


Quick Start with the Android SDK

1. You will need to have a developer API key. <http://developer.bazaarvoice.com>.
2. Download the SDK (two methods):
 - a. *Recommended:* Check out/download the entire SDK git repository.
 - b. Just download the bazaarandroidsdk.jar file, but grab the /doc folder too.
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.
4. 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.

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 BazaarRequest:

```
BazaarRequest request = new BazaarRequest(<your domain
name>, <your API key>, <the API version you are using>);
```

Note: The SDK currently supports only API version "5.1".

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 store.

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

```
OnBazaarResponse listener = new OnBazaarResponse() {
    @Override
```

```

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

        }

        @Override
        public void onResponse(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. 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.

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.