# Logging in Android Applications

#### **Overview**

This tutorial provides the required code snippets in order to add logging capabilities in Android applications.

#### **Persisting Log Capture**

MobileFirst Platform SDK for Android cannot persistently capture log data until the com.worklight.common.Logger.setContext(Context) method is called. This is best called in the onCreate method of your main Android activity.

### **Logging Example**

The below code snippet will output to the Android Studio LogCat view:

```
import com.worklight.common.Logger;

public class MathUtils{
    private static final Logger logger = Logger.getInstance(MathUtils.class.getName());
    public int sum(final int a, final int b){
        int sum = a + b;
        logger.debug("sum called with args " + a + " and " + b + ". Returning " + sum);
        return sum;
    }
}
```

## **Additional API Methods For Specific Tasks**

Log capture is enabled by default. To turn log capture on or off:

```
Logger.setCapture(false)
```

The default capture level is FATAL in development and in production. To control the capture level (verbosity):

```
Logger.setLevel(Logger.FATAL)
```

Log sending is enabled by default. To turn automatic log sending on or off:

```
Logger.setAutoSendLogs(false)
```

For more information about the Logger API, see the API reference in the user documentation.