

Logging in Android Applications

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/8.0/analytics/remote-controlled-client-side-log-collection/logging-in-android-applications.md>) | report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

Android MobileFirst Platform SDK cannot persistently capture log data until the `com.worklight.common.Logger.setContext(Context)` method is called.

Logging example for native Android (Java):

Outputs to LogCat:

```
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;
    }
}
```

API calls for specific tasks

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

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

The default capture level is DEBUG in development and FATAL 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 `Logger API`, see the API reference in the user documentation