

# Logging in native Android (Java)

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/6.3/advanced-client-side-development/remote-controlled-client-side-log-collection/logging-android.html>) | 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

### Turn log capture on or off:

```
Logger.setCapture(boolean)
```

### Control capture level (verbosity):

```
Logger.setLevel(LEVEL)
```

### Turn automatic log sending on or off:

```
Logger.setAutoSendLogs(boolean)
```

### Turn automatic configuration retrieval on or off:

```
Logger.setAutoUpdateConfig(boolean)
```