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.