

# Logging in native iOS (Objective-C)

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/7.1/advanced-client-side-development/remote-controlled-client-side-log-collection/logging-in-native-ios.html>) | report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

## Logging example for native iOS (Objective-C)

### Outputs to Xcode console

```
#import "OCLogger.h"

+ (int) sum:(int) a with:(int) b{
    int sum = a + b;
    OCLogger* mathLogger = [OCLogger getInstanceWithPackage:@"MathUtils"];
    NSString* logMessage = [NSString stringWithFormat:@"sum called with args %d and %d. Returning %d", a, b, sum];
    [mathLogger debug:logMessage];

    return sum;
}
```

## API calls for specific tasks

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

```
OCLogger.setCapture(NO)
```

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

```
OCLogger.setLevel(OCLogger_DEBUG)
```

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

```
OCLogger.setAutoSendLogs(NO)
```

For more information about `OCLogger` API, see the API reference in the user documentation