

# Logging in native iOS (Objective-C)

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-native-ios-objective-c.html>) | report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

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

### Outputs to Xcode console:

```
#import "OCLoggerMacros.h"
#import "OCLogger+Constants.h"
+ (int) sum:(int) a with:(int) b{
    int sum = a + b;
    OCLoggerDebugWithPackage(@"MathUtils", @"sum called with args %d and %d. Returning %d", a, b,
sum);
    return sum;
}
```

## API calls for specific tasks

### Turn log capture on or off:

```
OCLogger.setCapture(boolean)
```

### Control capture level (verbosity):

```
OCLogger.setLevel(NSString)
```

### Turn automatic log sending on or off:

```
OCLogger.setAutoSendLogs(boolean)
```

### Turn automatic configuration retrieval on or off:

```
OCLogger.setAutoUpdateConfig(boolean)
```