

Simple Analytics

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Collect events on iOS with Swift

This is a draft of how to track events with iOS. If you know how to improve it, please let us know.

This is deprecated and only left for historical purposes.

```
import Foundation @objc class Analytics: NSObject { private struct EventData:
Encodable { let v: Int = 1 let ua: String = "ios" let platform: String = "ios"
let hostname: String = "your.hostname.com" let date: Date = Date() let events:
[String] } private static let encoder: JSONEncoder = { let encoder =
JSONEncoder() encoder.keyEncodingStrategy = .convertToSnakeCase
encoder.dateEncodingStrategy = .formatted(dateFormatter) return encoder }()
private static let dateFormatter: DateFormatter = { let formatter =
DateFormatter() formatter.dateFormat = "yyyy-MM-dd" return formatter }() @objc
static func log(eventName: String) { Analytics.log(eventNames: [eventName]) }
@objc static func log(eventNames: [String]) { let eventData = EventData(events:
eventNames) guard let jsonData = try? encoder.encode(eventData) else {
print("Error while logging event: unable to convert event to JSON") return }
let url = URL(string: "https://api.simpleanalytics.io/events")! var request =
URLRequest(url: url) request.httpMethod = "POST" request.httpBody = jsonData
request.addValue("application/json", forHTTPHeaderField: "Content-Type")
request.addValue("application/json", forHTTPHeaderField: "Accept") let task =
URLSession.shared.dataTask(with: request) { (data, response, error) in if let
error = error { print("Error while logging event: \(error)") } } task.resume()
} }
```

Make sure to include a user agent in the headers of the request. This is not included in the example above.

Thanks to Rutger Bresjer from [Woost Technologies](#) for providing above code example.

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