

Simple Analytics

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Install Simple Analytics with Swift

Add privacy friendly analytics to your iOS apps.

Thanks to [Roel van der Kraan](#) for writing this package. See github.com/simpleanalytics/swift-package for its source.

Installation

When using Xcode to add the package dependency add this repository via **File** > **Add package dependency** :

```
https://github.com/simpleanalytics/swift-package.git
```

Or when working with a package manifest use:

```
.package(url: "https://github.com/simpleanalytics/swift-package.git", from: "0.3.0")
```

Usage

You'll need a Simple Analytics account to be able to use this package. See [Simple Analytics](#) for more info.

Import the library:

```
import SimpleAnalytics
```

You will need the hostname of a Simple Analytics website to start an instance of `SimpleAnalytics` in your app. You can add a fake "website" to Simple Analytics specifically for your app. There is no need to point to a real server. You can use something like `mobileapp.yourdomain.com` . Skip the HTML validation by clicking "I installed the script".

🔗 Make sure the hostname you set in Swift matches the website domain name in Simple Analytics (without http:// or https://).

```
let simpleAnalytics = SimpleAnalytics(hostname: "mobileapp.yourdomain.com")
```

You can create an instance where you need it, or you can make an extension and use it as a static class.

```
import SimpleAnalytics extension SimpleAnalytics { static let shared: SimpleAnalytics = SimpleAnalytics(hostname: "mobileapp.yourdomain.com") }
```

Tracking

You can call the tracking functions from anywhere in your app.

Tracking Pageviews

Use pageviews to track screens in your app.

```
SimpleAnalytics.shared.track(path: ["list"])
```

To represent a hierarchy in your views, add every level as an entry in the path array:

```
SimpleAnalytics.shared.track(path: ["detailview", "item1", "edit"])
```

This will be converted to a pageview on `/detailview/item1/edit` on Simple Analytics.

Tracking Events

Use events to track interactions or noticable events like errors or success on a page.

```
SimpleAnalytics.shared.track(event: "logged in")
```

You can provide an optional path to track alongside the event.

```
SimpleAnalytics.shared.track(event: "logged in", path: ["login", "social"])
```

Examples

SwiftUI example

In SwiftUI, a good place to put the Pageview tracking code is in your view `.onAppear{}` modifier.

```
import SwiftUI import SimpleAnalytics struct ContentView: View { var body: some View { VStack { Image(systemName: "globe") .imageScale(.large) .foregroundStyle(.tint) Text("Hello, world!") } .padding() .onAppear { SimpleAnalytics.shared.track(path: ["example"]) } } }
```

UIKit example

When using UIKit, you can put Pageview tracking in `viewDidAppear()`

```
import UIKit import SimpleAnalytics class ExampleViewController: UITableViewController { override func viewDidAppear(_ animated: Bool) { super.viewDidAppear(animated) SimpleAnalytics.shared.track(path: ["example"]) } }
```

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