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Sample Code

Accessing Data from a SMART Health Card

Query for and validate a verifiable clinical record.

[Download](#)

iOS 15.0+ | iPadOS 15.0+ | Xcode 13.3+



Overview

Note

This sample code project is associated with WWDC21 session [10089: Explore Verifiable Health Records](#).

Configure the Sample Code Project

Before you run the sample code project in Xcode:

- In Simulator, open Safari, and navigate to <https://spec.smarthealth.cards/examples/>.
- Download one of the SMART Health Cards (like example-00-e-file.smart-health-card).
- After the file downloads, tap the download arrow, then select Downloads from the pop-up menu. You can also find the downloaded SMART Health Cards in Files (Browse > On My iPhone > Downloads).
- Select the health card, and follow the instructions to add the card to Health.

See Also

Medical records

- 📄 Accessing Health Records
Read clinical record data from the HealthKit store.
- 📄 Accessing Sample Data in the Simulator
Set up sample accounts to build and test your app.
- { } Accessing a User's Clinical Records
Request authorization to query HealthKit for a user's clinical records and display them in your app.

`class HKClinicalRecord`

A sample that stores a clinical record.

`class HKFHIRResource`

An object containing Fast Healthcare Interoperability Resources (FHIR) data.

`class HKVerifiableClinicalRecord`

A sample that represents the contents of a SMART Health Card or EU Digital COVID Certificate.

`class HKVerifiableClinicalRecordSubject`

The subject associated with a signed clinical record.

`class HKCDAccountSample`

A Clinical Document Architecture (CDA) sample that stores a single document.

`class HKDocumentSample`

An abstract class that represents a health document in the HealthKit store.

`static let CDA: HKDocumentTypeIdentifier`

The CDA Document type identifier, used when requesting permission to read or share CDA documents.

`class HKDocumentType`

A sample type used to create queries for documents.