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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.

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# 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 HKCDADocumentSample
```

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.