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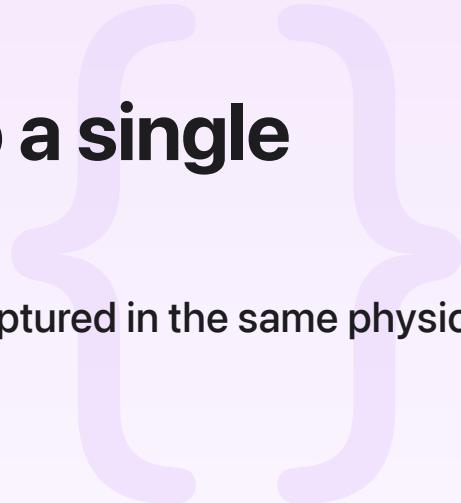
Sample Code

# Merging multiple scans into a single structure

Export a 3D model that consists of multiple rooms captured in the same physical vicinity.

[Download](#)

iOS 17.0+ | iPadOS 17.0+ | Xcode 16.2+



## Overview

### Note

This sample code project is associated with WWDC23 session 10192: [Explore enhancements to RoomPlan](#).

## Configure the sample code project

Before you run the sample code project in Xcode, set the run destination to an iOS 17 device with a LiDAR Scanner.

## See Also

[Captured Data](#)

## Scanning the rooms of a single structure

Create an AR experience that enables people to scan a building that contains multiple rooms.

`struct CapturedRoom`

A structure that provides the key details of a scanned room.

`struct CapturedStructure`

An object that holds the results of the merger of multiple capture sessions.

`struct CapturedRoomData`

An opaque object that holds the raw results of a scan.

## Captured Object Attributes

Determine details about the objects and surfaces that the framework identifies in a scan.