

Article

VisionKit Image Analysis

Analyze VisionKit analysis requests on images.



Overview

The data in this report shows histograms for the quantity of information found when performing a VisionKit analysis request on an image. The information includes the length of text, the number of visual lookup elements, and the time to parse the machine-readable codes in the image.

- Territories: Worldwide
- Platforms: iOS, iPadOS. For more information about iOS and iPadOS, see the Platforms section in [Data Completeness and Corrections](#).
- Availability:
 - Daily: Every day.
- History: On request, data is available beginning with iOS 17.4 and iPadOS 17.4.
- Completeness: Data from devices that contribute to this report can arrive as late as 8 days after the date it generates on device. You can download recent data daily, but it might be incomplete, and data updates incrementally daily, until all late-arriving events are available.
- Privacy:
 - Includes data from users who have opted to share their data with Apple and developers.
 - Individual rows will only appear if they have a value of 5 or more.
- Data Context: You can analyze your data with additional context by comparing it with the data in the [App Sessions Context](#) report, which provides a count of unique devices that use your app on a specific day. For example, if your app performed an action detailed in this report on 10 unique devices on a specific day, and the App Sessions Context report shows there were 100

unique devices running your app that day, then you can approximate that 10% of the devices running your app performed that action.

Report Fields

Report Field	Description	Data Type
Count	Number of times the event occurred	integer
Territory	Country or region in which the event occurred	string
Date	Date when the event occurred	string
Platform	OS version on the device on which the event occurred	string
Device	Type of device on which the event occurred	string
Build	Build of device on which event occurred	string
Unique Devices	The count of unique devices	integer
Release Type	Type of software release	string
Had Error	Whether there was an error	boolean
Machine-Readable Codes Parse Duration	Time in seconds to parse machine-readable codes	float
Text Length	Character length of the detected text	integer
Visual Lookup Count	Number of visual lookup elements found	integer

Glossary





Dimension	Value	Definition
Machine-Readable Codes Parse Duration	0	Represents range from -Infinity to 0

Dimension	Value	Definition
Machine-Readable Codes Parse Duration	1	Represents range from 0 to 0.2
Machine-Readable Codes Parse Duration	2	Represents range from 0.2 to 0.4
Machine-Readable Codes Parse Duration	3	Represents range from 0.4 to 0.6
Machine-Readable Codes Parse Duration	4	Represents range from 0.6 to 0.8
Machine-Readable Codes Parse Duration	5	Represents range from 0.8 to 1
Machine-Readable Codes Parse Duration	6	Represents range from 1 to 1.2
Machine-Readable Codes Parse Duration	7	Represents range from 1.2 to 1.4
Machine-Readable Codes Parse Duration	8	Represents range from 1.4 to 1.6
Machine-Readable Codes Parse Duration	9	Represents range from 1.6 to 1.8
Machine-Readable Codes Parse Duration	10	Represents range from 1.8 to 2
Machine-Readable Codes Parse Duration	11	Represents range from 2 to +Infinity
Text Length	0	Represents range from -Infinity to 0
Text Length	1	Represents range from 0 to 10
Text Length	2	Represents range from 10 to 20
Text Length	3	Represents range from 20 to 50
Text Length	4	Represents range from 50 to 100
Text Length	5	Represents range from 100 to 200
Text Length	6	Represents range from 200 to 400
Text Length	7	Represents range from 400 to 800
Text Length	8	Represents range from 800 to 1000
Text Length	9	Represents range from 1000 to 1500
Text Length	10	Represents range from 1500 to +Infinity

Dimension	Value	Definition
Visual Lookup Count	0	Represents range from -Infinity to 0
Visual Lookup Count	1	Represents range from 0 to 1
Visual Lookup Count	2	Represents range from 1 to 2
Visual Lookup Count	3	Represents range from 2 to 3
Visual Lookup Count	4	Represents range from 3 to 4
Visual Lookup Count	5	Represents range from 4 to 5
Visual Lookup Count	6	Represents range from 5 to 6
Visual Lookup Count	7	Represents range from 6 to 7
Visual Lookup Count	8	Represents range from 7 to 8
Visual Lookup Count	9	Represents range from 8 to 9
Visual Lookup Count	10	Represents range from 9 to 10
Visual Lookup Count	11	Represents range from 10 to +Infinity

See Also

Framework Usage

-  **AccessorySetupKit Accessory Picker Sessions**
Analyze how many people use your app to set up accessories by using AccessorySetupKit.
-  **AccessorySetupKit Usage**
Analyze how often your app uses AccessorySetupKit.
-  **AirPlay Discovery Sessions**
Review information about AirPlay discovery sessions.
-  **Animoji Stickers Sent**
Analyze how many times people use Memoji stickers in your app.



App Added to Focus

Review information about your app's relationship to Focus modes.



App Disk Space Usage

Analyze your app's disk space use.



App Runtime Usage

Analyze how often your app executes specific symbols of different dynamic libraries.



App Sessions Context

Analyze how many people use your app and for how long.



Application Preferred Language Settings

Review how people use language preference settings in your app.



ARKit ARSession Duration

Review information about ARKit ARSession duration.



ARKit ARSession Failures

Analyze details about ARKit ARSession failures.



ARKit Capture Frame Rate Throttling

Analyze how long it takes for ARKit to throttle the camera frame rate.



ARKit Collaborative Session Features

Review how your app uses ARKit collaborative session features.



ARKit Face Tracking

Analyze how often your app uses ARKit face tracking.



ARKit Video Formats

Review information about ARKit video formats and high-resolution frames.