

#### HamiVideo\_tvOS\_20210913\_v2.3.5 掃描報告

專案名稱 HamiVideo\_tvOS\_20210913\_v2.3.5 掃描開始 2021年9月17日 上午 09:52:12

預設集合CHTTLTC掃描時間00h:00m:00s被掃描的程式行數131599被掃描的檔案數1191

報告建立時間 2021年9月17日 上午 09:52:42

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&projectid

=10229

團隊 CxServer

Checkmarx版本 9.2.0.41015 HF16

掃描類別完整的來源LocalPath

漏洞密度 7/10000 (漏洞/LOC)

可見性公開

#### 過濾器設置

#### 嚴重程度:

包含在内: 高風險, 中風險, 低風險, 資訊

排除在外: 無

結果狀態:

包含在内:確認,不可利用,校驗,緊急,推薦不可用

排除在外: 無

被分配給

包含在內: 全部

類別

包含在内:

未分類 全部

Custom 全部

PCI DSS v3.2.1 全部

OWASP Top 10 2013 全部

FISMA 2014 全部

NIST SP 800-53 全部

OWASP Top 10 2017 全部

OWASP Mobile Top 10 全部

2016

OWASP Top 10 API 全部

排除在外:

未分類無

Custom 無

PCI DSS v3.2.1 無

OWASP Top 10 2013 無



FISMA 2014

NIST SP 800-53

OWASP Top 10 2017

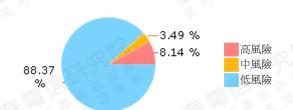
OWASP Mobile Top 10 2016

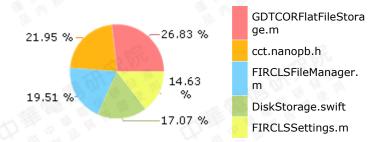
OWASP Top 10 API

未定義限值 **選中的問詢** 

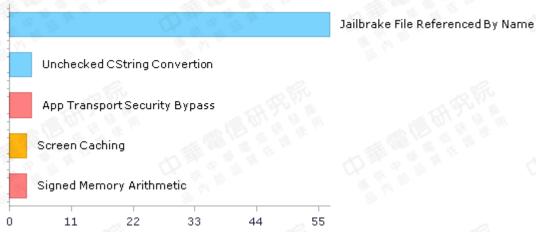
選中的問詢列出在 掃描結果摘要







#### 數量最多的前5類漏洞





## 掃描總結 - OWASP Top 10 2017 有關可見性和風險的詳細資訊及闡述參見: OWASP Top 10 2017

Category	Threat Agent	Exploitability	Weakness Prevalence	Weakness Detectability	Technical Impact	Business Impact	Issues Found	Best Fix Locations
A1-Injection*	App. Specific	EASY	COMMON	EASY	SEVERE	App. Specific	0	0
A2-Broken Authentication	App. Specific	EASY	COMMON	AVERAGE	SEVERE	App. Specific	0	0
A3-Sensitive Data Exposure	App. Specific	AVERAGE	WIDESPREAD	AVERAGE	SEVERE	App. Specific	0	0
A4-XML External Entities (XXE)	App. Specific	AVERAGE	COMMON	EASY	SEVERE	App. Specific	0	0
A5-Broken Access Control*	App. Specific	AVERAGE	COMMON	AVERAGE	SEVERE	App. Specific	0	0
A6-Security Misconfiguration	App. Specific	EASY	WIDESPREAD	EASY	MODERATE	App. Specific	0	0
A7-Cross-Site Scripting (XSS)*	App. Specific	EASY	WIDESPREAD	EASY	MODERATE	App. Specific	0	0
A8-Insecure Deserialization	App. Specific	DIFFICULT	COMMON	AVERAGE	SEVERE	App. Specific	0	0
A9-Using Components with Known Vulnerabilities	App. Specific	AVERAGE	WIDESPREAD	AVERAGE	MODERATE	App. Specific	0	0
A10-Insufficient Logging & Monitoring	App. Specific	AVERAGE	WIDESPREAD	DIFFICULT	MODERATE	App. Specific	0	0



## 掃描總結 - OWASP Top 10 2013 有關可見性和風險的詳細資訊及闡述參見: OWASP Top 10 2013

Category	Threat Agent	Attack Vectors	Weakness Prevalence	Weakness Detectability	Technical Impact	Business Impact	Issues Found	Best Fix Locations
A1-Injection	EXTERNAL, INTERNAL, ADMIN USERS	EASY	соммои	AVERAGE	SEVERE	ALL DATA	0	0
A2-Broken Authentication and Session Management	EXTERNAL, INTERNAL USERS	AVERAGE	WIDESPREAD	AVERAGE	SEVERE	AFFECTED DATA AND FUNCTIONS	2	0
A3-Cross-Site Scripting (XSS)*	EXTERNAL, INTERNAL, ADMIN USERS	AVERAGE	VERY WIDESPREAD	EASY	MODERATE	AFFECTED DATA AND SYSTEM	0	0
A4-Insecure Direct Object References*	SYSTEM USERS	EASY	соммон	EASY	MODERATE	EXPOSED DATA	57	0
A5-Security Misconfiguration	EXTERNAL, INTERNAL, ADMIN USERS	EASY	COMMON	EASY	MODERATE	ALL DATA AND SYSTEM	0	0
A6-Sensitive Data Exposure	EXTERNAL, INTERNAL, ADMIN USERS, USERS BROWSERS	DIFFICULT	UNCOMMON	AVERAGE	SEVERE	EXPOSED DATA	2	0
A7-Missing Function Level Access Control	EXTERNAL, INTERNAL USERS	EASY	соммон	AVERAGE	MODERATE	EXPOSED DATA AND FUNCTIONS	0	0
A8-Cross-Site Request Forgery (CSRF)*	USERS BROWSERS	AVERAGE	COMMON	EASY	MODERATE	AFFECTED DATA AND FUNCTIONS	0	0
A9-Using Components with Known Vulnerabilities	EXTERNAL USERS, AUTOMATED TOOLS	AVERAGE	WIDESPREAD	DIFFICULT	MODERATE	AFFECTED DATA AND FUNCTIONS		0
A10-Unvalidated Redirects and Forwards	USERS BROWSERS	AVERAGE	WIDESPREAD	DIFFICULT	MODERATE	AFFECTED DATA AND FUNCTIONS	0	0



# 掃描總結 - PCI DSS v3.2.1

	Category		Issues Found	Best Fix Locations
PCI DSS (3.2.1) - 6.5.1 - Injection flaws - parti	cularly SQL injection		0	0
PCI DSS (3.2.1) - 6.5.2 - Buffer overflows*			0	0
PCI DSS (3.2.1) - 6.5.3 - Insecure cryptograph	ic storage		0	0
PCI DSS (3.2.1) - 6.5.4 - Insecure communication	ions		0	0
PCI DSS (3.2.1) - 6.5.5 - Improper error handl	ing		0	0
PCI DSS (3.2.1) - 6.5.7 - Cross-site scripting ( $\lambda$	(SS)		0	0
PCI DSS (3.2.1) - 6.5.8 - Improper access conf	rol		0	0
PCI DSS (3.2.1) - 6.5.9 - Cross-site request for	gery*		0	0
PCI DSS (3.2.1) - 6.5.10 - Broken authentication	on and session manag	gement	0	0

<sup>\*</sup> 專案掃描結果不包括所有相關的查詢。應該變更預設和/或篩選器以包括所有相關的標準查詢



### 掃描總結 - FISMA 2014

Category	Description	Issues Found	Best Fix Locations	
Access Control	Organizations must limit information system access to authorized users, processes acting on behalf of authorized users, or devices (including other information systems) and to the types of transactions and functions that authorized users are permitted to exercise.	0	0	
Audit And Accountability	Organizations must: (i) create, protect, and retain information system audit records to the extent needed to enable the monitoring, analysis, investigation, and reporting of unlawful, unauthorized, or inappropriate information system activity; and (ii) ensure that the actions of individual information system users can be uniquely traced to those users so they can be held accountable for their actions.	0	0	
Configuration Management	Organizations must: (i) establish and maintain baseline configurations and inventories of organizational information systems (including hardware, software, firmware, and documentation) throughout the respective system development life cycles; and (ii) establish and enforce security configuration settings for information technology products employed in organizational information systems.	0	0	
Identification And Authentication	Organizations must identify information system users, processes acting on behalf of users, or devices and authenticate (or verify) the identities of those users, processes, or devices, as a prerequisite to allowing access to organizational information systems.	0	0	
Media Protection	Organizations must: (i) protect information system media, both paper and digital; (ii) limit access to information on information system media to authorized users; and (iii) sanitize or destroy information system media before disposal or release for reuse.	0	0	
System And Communications Protection	Organizations must: (i) monitor, control, and protect organizational communications (i.e., information transmitted or received by organizational information systems) at the external boundaries and key internal boundaries of the information systems; and (ii) employ architectural designs, software development techniques, and systems engineering principles that promote effective information security within organizational information systems.	0	0	
System And Information Integrity*	Organizations must: (i) identify, report, and correct information and information system flaws in a timely manner; (ii) provide protection from malicious code at appropriate locations within organizational information systems; and (iii) monitor information system security alerts and advisories and take appropriate actions in response.	0	0	

<sup>\*</sup> 專案掃描結果不包括所有相關的查詢。應該變更預設和/或篩選器以包括所有相關的標準查詢。



### 掃描總結 - NIST SP 800-53

Ca	tegory	Issues Found	Best Fix Locations
AC-12 Session Termination (P2)		0	0
AC-3 Access Enforcement (P1)		0	0
AC-4 Information Flow Enforcement (P1)		0	0
AC-6 Least Privilege (P1)		0	0
AU-9 Protection of Audit Information (P1)		0	0
CM-6 Configuration Settings (P2)		0	0
IA-5 Authenticator Management (P1)		0	0
IA-6 Authenticator Feedback (P2)		0	0
IA-8 Identification and Authentication (Non-Organi	izational Users) (P1)	0	0
SC-12 Cryptographic Key Establishment and Manag	gement (P1)	0	0
SC-13 Cryptographic Protection (P1)		0	0
SC-17 Public Key Infrastructure Certificates (P1)		0	0
SC-18 Mobile Code (P2)		0	0
SC-23 Session Authenticity (P1)*		0	0
SC-28 Protection of Information at Rest (P1)		0	0
SC-4 Information in Shared Resources (P1)		0	0
SC-5 Denial of Service Protection (P1)		0	0
SC-8 Transmission Confidentiality and Integrity (P1	)	0	0
SI-10 Information Input Validation (P1)*		0	0
SI-11 Error Handling (P2)		0	0
SI-15 Information Output Filtering (P0)*	The state of the state of	0	0
SI-16 Memory Protection (P1)		0	0

<sup>\*</sup> 專案掃描結果不包括所有相關的查詢。應該變更預設和/或篩選器以包括所有相關的標準查詢。



### 掃描總結 - OWASP Mobile Top 10 2016

Category	Description	Issues Found	Best Fix Locations
M1-Improper Platform Usage	This category covers misuse of a platform feature or failure to use platform security controls. It might include Android intents, platform permissions, misuse of TouchID, the Keychain, or some other security control that is part of the mobile operating system. There are several ways that mobile apps can experience this risk.	3	0
M2-Insecure Data Storage	This category covers insecure data storage and unintended data leakage.	4	0
M3-Insecure Communication	This category covers poor handshaking, incorrect SSL versions, weak negotiation, cleartext communication of sensitive assets, etc.	4	0
M4-Insecure Authentication	This category captures notions of authenticating the end user or bad session management. This can include: -Failing to identify the user at all when that should be required -Failure to maintain the user's identity when it is required -Weaknesses in session management		0
M5-Insufficient Cryptography	The code applies cryptography to a sensitive information asset. However, the cryptography is insufficient in some way. Note that anything and everything related to TLS or SSL goes in M3. Also, if the app fails to use cryptography at all when it should, that probably belongs in M2. This category is for issues where cryptography was attempted, but it wasnt done correctly.	3	0
M6-Insecure Authorization	This is a category to capture any failures in authorization (e.g., authorization decisions in the client side, forced browsing, etc.). It is distinct from authentication issues (e.g., device enrolment, user identification, etc.).  If the app does not authenticate users at all in a situation where it should (e.g., granting anonymous access to some resource or service when authenticated and authorized access is required), then that is an authentication failure not an authorization failure.	0	0
M7-Client Code Quality*	This category is the catch-all for code-level implementation problems in the mobile client. That's distinct from server-side coding mistakes. This would capture things like buffer overflows, format string vulnerabilities, and various other codelevel mistakes where the solution is to rewrite some code that's running on the mobile device.	9	0
M8-Code Tampering	This category covers binary patching, local resource modification, method hooking, method swizzling, and dynamic memory modification. Once the application is delivered to the mobile device, the code and data resources are resident there. An attacker can either directly modify the code, change the contents of memory dynamically, change or replace the system APIs that the application uses, or		0



-A 1970	- A 1970		- A 1970
	modify the application's data and resources. This can provide the attacker a direct method of subverting the intended use of the software for personal or monetary gain.		THE REAL PROPERTY.
M9-Reverse Engineering	This category includes analysis of the final core binary to determine its source code, libraries, algorithms, and other assets. Software such as IDA Pro, Hopper, otool, and other binary inspection tools give the attacker insight into the inner workings of the application. This may be used to exploit other nascent vulnerabilities in the application, as well as revealing information about back end servers, cryptographic constants and ciphers, and intellectual property.	1	0
И10-Extraneous Functionality	Often, developers include hidden backdoor functionality or other internal development security controls that are not intended to be released into a production environment. For example, a developer may accidentally include a password as a comment in a hybrid app. Another example includes disabling of 2-factor authentication during testing.	58	0

<sup>\*</sup> 專案掃描結果不包括所有相關的查詢。應該變更預設和/或篩選器以包括所有相關的標準查詢。



# 掃描總結 - OWASP Top 10 API

	Category	Issues Found	Best Fix Locations
API1-Broken Object Level Authorization		0	0
API2-Broken Authentication		0	0
API3-Excessive Data Exposure		0	0
API4-Lack of Resources and Rate Limiting		0	0
API5-Broken Function Level Authorization		0	0
API6-Mass Assignment		0	0
API7-Security Misconfiguration		0	0
API8-Injection		0	0
API9-Improper Assets Management	I Ballin	0	0
API10-Insufficient Logging and Monitoring		0	0



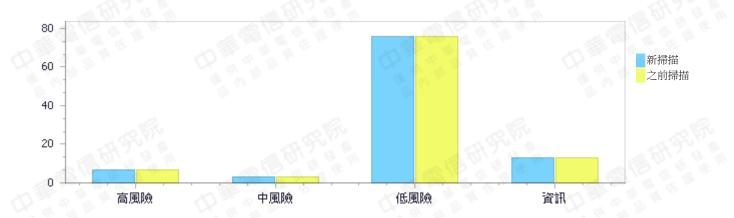
## 掃描總結 - Custom

	Category	Issues Found	Best Fix Locations
Must audit		0	0
Check		0	0
Optional		0	0



#### 掃描結果分佈 與2021/9/17 上午 09:36的專案掃描比較

	高風險	中風險	低風險	資訊	總共
新問題	0	0	0	0	0
反覆出現的問題	7	3	76	13	99
總共	7	3	76	13	99
已修復的問題	0	0	0	0	0



#### 掃描結果分佈

	高風險	中風險	低風險	資訊	總共
確認	0	0	0	0	0
不可利用	0	0	0	0	0
校驗	7	3	76	13	99
緊急	0	0	0	0	0
推薦不可用	0	0	0	0	0
總共	7	3	76	13	99

#### 掃描結果摘要

漏洞類別	事件	嚴重程度:
App Transport Security Bypass	4	高風險
Signed Memory Arithmetic	3	高風險
Screen Caching	3	中風險
Jailbrake File Referenced By Name	57	低風險
Unchecked CString Convertion	4	低風險
Unscrubbed Secret	3	低風險

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Use of Broken or Risky Cryptographic Algorithm	2	低風險
Allowed Backup	10 10 10 10 10 10 10 10 10 10 10 10 10 1	低風險
Empty Password	1	低風險
Functions Apple Recommends To Avoid	1 (1)	低風險
Jailbreak Unchecked File Operation Result Code	1 🧆	低風險
Memory Leak	1	低風險
Missing Device Lock Verification	21	低風險
Missing Jailbreak Check	75 V 1	低風險
Third Party Keyboard Enabled	10 10 10	低風險
<u>Use of Hardcoded Password</u>	1	低風險
Use of Insufficiently Random Values	1 1	低風險
Buffer Size Literal	13	資訊

#### 10個最容易受攻擊的檔案

高級和中級漏洞

檔案名稱	找到的問題
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS copy-Info.plist	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS copy2-Info.plist	1,5%
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS/Info.plist	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS _simulator copy-Info.plist	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/GoogleData Transport/GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelper s.m	1 45.00
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSUUID.m	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS/View/MemberArea/MoreProductQRCodeView.swift	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS/View/MemberArea/PreferentialExchangeBoxCell.swift	1
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS/View/MemberArea/TicketCell.swift	1



#### 已掃描的檔案

檔案名稱	檔案大小 KB	檢驗和
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/PROD/HamiVideo.framework/Info.plist		30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/PROD/HamiVideo.framework/Headers/DataManager.h		30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/PROD/HamiVideo.framework/Headers/HamiVideo.h		30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/PROD/RealDe vice/HamiVideo.framework/Info.plist		30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/PROD/RealDe vice/HamiVideo.framework/Headers/DataMa nager.h		30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/PROD/RealDe vice/HamiVideo.framework/Headers/HamiVideo.h		30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/STG/HamiVideo.framework/Headers/HamiVideo.h	1	30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/Frameworks/STG/RealDevice/HamiVideo.framework/Headers/HamiVideo.h	1	30f8bf7a2fa753bc26b58a7ffeeb6679 4e0479191a099493315d270cb9c8c8 a5
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/AppDel egate.swift		1ccce53346fd78a36867c5ba389ea0e a23b804de07aaeea2c12361626f1f0d 7f
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Extentio n/UIButton+Ext.swift	1	c27dd78c97933570702d6fa31e3fc3b c9bbe3425889074b9be938a31d662b ff6
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Extentio n/UIColor+Ext.swift	1	57ea14f8a9327778cbdb1caaf6e906a db1924b3b3f6f831d5b7490ffba0df3f 8
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Extentio n/UILabel+Ext.swift	1	ba05dc361fffbae0a3feefa86390b36d 8e50404a631b3588a5c0dbee41e439 d2
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Helper/AdsHelper.swift	1	a06d8105524f0d01b6361ce24c0fdcb 7c765b0f918d737d220fe77a1a47f04f 2
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ AdInfo.swift	1	4902105127ecc78646910ac16bc812 dd7853d7e4fcfe7e1bc01dfa4001f5f3 4e
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ AuthMember.swift	1	3af711382bbaf7df302906c8af76390a ec7744e7c70faa239d6b8820e3b95c6 1



		.0.
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ ContentURL.swift	1	d56e89852362889ecb1b0ce7f231d7 5b7728741ccd0a12b7d94591f0f3a6d 8ab
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ ContentURLInfo.swift	1	091d64f9d5a62ba154a9df51b57412b f16f8089cea7677abb88f1fc68a44f95 9
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ FavoriteProduct.swift	1	023a8ca2db7fce660c178c48f07bfd76 e71b412eebebaf5d621d2317da37d7 07
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ OrderItemInfo.swift	13	3f5203606935092be8b5a7c0bd6356 e7b6bbf9eab212d39513f5ea8fc2443 d50
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ ProductAuthorization.swift	1	e35866054b17984656d11004931b0f 023213d747b92a62385a7cf29ecb7c5 58b
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ ProgramInfo.swift	1	e7977027e719708f45ba9e96e36e62 95d0c6d6be101f1d12b9d967b93c36 2f10
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ TicketDetail.swift	1	9de514a54859fe3707243d2da880ac 5679648ac475487576ad7fe4ed6be9 8e27
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/Model/ VodOpeningEndingInfo.swift	1	10e8d7a80979661ac896597184e637 96af76db87141ffe0d1d9049baf58bd 49c
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/I nfoButton.swift	1	52b76e6704ab87736748803073a040 f2d547914c3a4e0f0e90ccd6672486a c10
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/P rogrameButton.swift	1	713045702c239759e1d32b88603fba 1d91327d196e56b2cd16ee7b9f1d22 3c8d
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/ElementCellType/ElementCellType1001.xib	1	a3fff1f9464b2e55aacd42a735c661ec d41ac9c1f9620387315b96be9ddb41 8c
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/ElementCellType/ElementCellType18.xib	1	1224b6bc81084e6abacb5b65c53f2d9 d3587cb61eb481fec567b6c572c35c4 e4
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/ElementCellType/ElementCellType32MessageView.swift	1	b297955ab36b34fad2e880f78f124ae 54f29d4975419994e3e7fb5d9aa1d4a 4c
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Me mberArea/OrderHistoryView.xib	10	e01ebd50380c7c5b9dc99c0a60f75d4 6c19c4df8df74e9e579ed496eecef608 b
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Me mberArea/OrderSingleViewCell.xib	1	8d693236e191154f40051de55b1904 70234be351f72103459ff81859061f4f dd
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Me mberArea/PlayRecordsView.xib	1	1f53fbfb4666e5e8b1ba0c26eff68995 bfc8107ec8e61252ded10c593ca5e8a b
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Me mberArea/PreferentialExchangeBox.xib	1	a7b121968b1dd0e49e539128b84fc5 b45a9a98b610d6ce2316b67cb0ab73 44f7
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Menu/MenuIconCell.swift	1	6ae3d24e17c4384658bc3e587b4775 97128d2551993d0aafcc6162b2061f2 dd8



MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Popup/AdsListView.xib	1	7bc2539da25faa42e8cfb1ac9b5a9f70 03af5b05237692b522d9574a3d0175 d3
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/HamiVideo_tvOS/View/Po pup/UpdateLoginViewAlert.xib	1	098a2b88a73406681624b16a493621 b3706f6fc3a99558f124d7677e8b6a7 dd4
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/WTPlayer/Helper/LoadView.swift	1	1222f19e0e9982649f2f243dbb1700d f71d476e33a8f898b94672e59d5e610 de
MACOSX/HamiVideo_tvOS_20210913_v2.2. 5/HamiVideo_tvOS/WTPlayer/PlayerControlVie w/TVPlayerControlView.xib	1	1aadf1b82eff6583a80de9fc346c823b 8a245ac0f7579b48fb190ed0fcba4f6c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/HamiVideo.frame work/Headers/APIDefinition.h	33	89e110a424c6c7dbb78d704f00f2b8a 98cab550aa41eef58029f730cfc97431 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/HamiVideo.frame work/Headers/DataManager.h	9	2354eda084ff62b1a5fdf4ec8f4addb3 b12502522d7503055cb30db4e6ed73 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/HamiVideo.frame work/Headers/HamiVideo.h	1	d47694680d0f65f365c8694f2ecb708 3f442c5c3ae149209a987d190c688b4 9c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/HamiVideo.frame work/Info.plist	1	ba4bd346719c764e4b649d0900ac63 03d60eeecd487df199aca91fe453109 bb0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiV ideo.framework/Headers/APIDefinition.h	33	89e110a424c6c7dbb78d704f00f2b8a 98cab550aa41eef58029f730cfc97431 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiV ideo.framework/Headers/DataManager.h	9	2354eda084ff62b1a5fdf4ec8f4addb3 b12502522d7503055cb30db4e6ed73 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiVideo.framework/Headers/HamiVideo.h	1	d47694680d0f65f365c8694f2ecb708 3f442c5c3ae149209a987d190c688b4 9c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiV ideo.framework/Info.plist	1	f311d020df18499b5207e2ac741f443 cf915e806cd1561704ee7d996cc960b fa
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiV ideo_Fairplay.framework/Headers/HamiVideo_Fairplay.h	1	e000d8d5b69e5defa0b80da573cb66c c04bb179f830587d8e5fa2aa006c4d3 b6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiV ideo_Fairplay.framework/Headers/HamiVideo_Fairplay-Swift.h	9	b178168e2b0427a8ee58b0ad5bf199 16adfab75c83873e5d68ba783083dfa 8da
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/PROD/RealDevice/HamiV ideo_Fairplay.framework/Info.plist	1	941cc3bc6341d858ade3dfaacc9408af d27720db2889ec6506b0ab070243f8 88
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/STG/HamiVideo.framework/Headers/APIDefinition.h	33	89e110a424c6c7dbb78d704f00f2b8a 98cab550aa41eef58029f730cfc97431 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/STG/HamiVideo.framework/Headers/DataManager.h	9	2354eda084ff62b1a5fdf4ec8f4addb3 b12502522d7503055cb30db4e6ed73 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Frameworks/STG/HamiVideo.framewo	1	d47694680d0f65f365c8694f2ecb708 3f442c5c3ae149209a987d190c688b4



	9c
100	ba4bd346719c764e4b649d0900ac63 03d60eeecd487df199aca91fe453109 bb0
33	89e110a424c6c7dbb78d704f00f2b8a 98cab550aa41eef58029f730cfc97431 2
9	2354eda084ff62b1a5fdf4ec8f4addb3 b12502522d7503055cb30db4e6ed73 47
1	d47694680d0f65f365c8694f2ecb708 3f442c5c3ae149209a987d190c688b4 9c
1	f311d020df18499b5207e2ac741f443 cf915e806cd1561704ee7d996cc960b fa
10	e000d8d5b69e5defa0b80da573cb66cc04bb179f830587d8e5fa2aa006c4d3b6
9	b178168e2b0427a8ee58b0ad5bf199 16adfab75c83873e5d68ba783083dfa 8da
1	941cc3bc6341d858ade3dfaacc9408afd27720db2889ec6506b0ab070243f8
2	98eff10dfbe0d935c5a4b52911fa21e6 195ef40b6b6e7f84aa011746152afae 9
1	5470e645ef537c4d178ac6ef3d6460cf 667de9d7b67f42fa29d0fafabc808518
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101	d86ff10f8f3dc14ffb4735a2e6c42aa44 0c7af2c3fda642ee904c320c5b981e0
1	5470e645ef537c4d178ac6ef3d6460cf 667de9d7b67f42fa29d0fafabc808518
18	e4e794da5672746f1887132ca8697a e321feac3b9950d3b6c0a521ac37e92 423
1	168538c43065b5d07e23423c1ae014 145284f4f34c645c62a7bb67e3d6a74 5b3
	33 9 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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simulator/WTPlayer.framework/Info.plist		
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS copy2-Info.plist	2	b575fce5c34f7c80014248e079251f9 a14202a41e7ce88175e3f87edcd44b5 c9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS copy-Info.plist	2	4f8c4e9edf0a0bb8ab5cb5d9d7b0c07 9be0f4893015fd4ef56c3a706994d64 6b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS.xcodeproj/project.xc workspace/xcshareddata/IDEWorkspaceCheck s.plist	1	dfa0f9bb85b95ccba9c6811adadf8cb4 07fb5d52088e89db83ebc308ec4485 42
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS.xcodeproj/xcuserdat a/lien.xcuserdatad/xcschemes/xcschememana gement.plist	2	d499a2bc9ebdf8091fc16ec08268993 869054be76a84d7baad03b9dc7437e f8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS.xcodeproj/xcuserdat a/paul.xcuserdatad/xcschemes/xcschememan agement.plist	1	ceae30d1996fb2e5e36a74c824c258f c674bcf6ed659873480b258ccbe3f09 90
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS.xcworkspace/xcshar eddata/IDEWorkspaceChecks.plist	1	dfa0f9bb85b95ccba9c6811adadf8cb4 07fb5d52088e89db83ebc308ec4485 42
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS.xcworkspace/xcuser data/lien.xcuserdatad/IDEFindNavigatorScope s.plist	1	744bfa50afae765840a8f7fea954ea8f a6fe050384231d9c6832c193594831 44
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS.xcworkspace/xcuser data/paul.xcuserdatad/IDEFindNavigatorScopes.plist	1	744bfa50afae765840a8f7fea954ea8f a6fe050384231d9c6832c193594831 44
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS/AppDelegate.swift	4	775621d6ca9d73c09d8784c4ab883d 5a5b7ab3265ee2a7e643cbfdc01d32d b90
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/App Icon - App Store.imagestack/Contents.json	1	a0dbb6dd5179f4bf4e9bdc6286b844e 01f7f4b493b70a2db1e1803155a3a2a 26
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/App Icon.imagestack/Contents.json	1	8414ea77c3e0e4c740f1c061db2cfeb 2ab28be764ce1e0e6411e5768b75fd 869
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/App Icon.imagestack/Group 36 Copy 10.imagestacklayer/Contents.json	1	e346c5400c2806b55d09ccdc3e0a9f4 4c2fb4c5f829ac3e8b183db7b57a6ecf 4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/App Icon.imagestack/Group 36 Copy 9.imagestacklayer/Contents.json	1	35b3a5657429f0de8b5f870cc8a1b8b bbd7f8803cc36646b567fa0e3ded2e2 5e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/Contents.json	1	c4bad4b3a372f8451ebc1ba955a2730 4e7332f4f36dcdcead302bbd084634d ef
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	1	8be59f5790162f356a57ac0f11e3295

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o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/Top Shelf Image Wide.imageset/Contents.json		1a5fbc652eaba3dd9316f87f0aa4b5dc 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/App Icon & Top Shelf Image.brandassets/Top Shelf Image.imageset/Contents.json	1	2b7d67c07bdd873fe4ea301910df7ab 55223a75f484eb696cbe37bc7db1efa 7c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/bac kWatchTitleBg.imageset/Contents.json	1	98d1b2e4cfcd798763ba84174849cc9 60e2b9e0a4720b2069d8c43106a828 039
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Ban nerTVSport_TimeColor_Future.colorset/Contents.json	1	f2be67fed32dd4292c1af21c9565770 d100e370ccfcef17a014c3782d09573f 0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Ban nerTVSport_TimeColor_Now.colorset/Contents .json	1	4d8af002c93576623d5279fb6bddd02 f906664b0933d86a84ba51a1a9cd82 cc1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Bas eBackground.imageset/Contents.json	1	c91e9207d66a9e135337b4bdb2e029 504f38add4093bd9e3236782be6f963 68b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/blur BG.imageset/Contents.json	1	b516b3a22f7df7e061bde69c65cc499 1014208efdc7b283b416ad6213e92b bd1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Bott omShadow.imageset/Contents.json	1	5dddd29d44e5e3856b9a1d037b0622 50c499c7c18e3933f4d87fe2bd3fd5ca ed
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ChannelRemindAlert.imageset/Contents.json	1	f711bf6873726aa18c3397fcc41ad1a7 e8d0101e59b03a7de97a417517b1c7 Of
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ChannelRemindLeftArrow.imageset/Contents.json	1	94018f765d5969972a07d77e040997 c5e4bce24dd7acdce7fd7af47a1b51a3 58
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ChannelRemindLeftBg.imageset/Contents.json	1	93a08731c209f50b79ce1cb1cfad0ed 49172671a9e72fbbb3cfea4a5c04378 ab
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ChannelRemindRightArrow.imageset/Contents.json	1	94018f765d5969972a07d77e040997 c5e4bce24dd7acdce7fd7af47a1b51a3 58
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ChannelRemindRightBg.imageset/Contents.json	1	9a292a4ac7ad59e9e6aab7ec6516c7 723dbafd59792b06b814f0cdbfe335b c5e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/channelTitleColor.colorset/Contents.json	1	301723dd7c400f7e96cea401c0bec47 de42ef6c510be4cc169a8fb16a4b490 10
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-00FFC4.colorset/Contents.json	1	059a562ecb783403f36b7dbc9f24bbd 66cbdbbd9aa4937757d89bb87b8d5c 608
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-0F0F0F.colorset/Contents.json	1	5b60ff34a14ac63744c7c31cc9b97f5a 5e1f448a30f111ddffe080e04e5cc342
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-101010.colorset/Contents.json	1	ec07948be518b99f5a7deca5243a7c2 2f91071ecf90e3da85bcf65c23ea52a1 a



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-181818.colorset/Contents.json	1	de8fbf7b3bd64a7373b6134f40afb6e0 e216b006f84b94c8ab96afb5ef9ccdd9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-202020.colorset/Contents.json	1	38fcba038e83275a3ab64b3ed225c2a 09d2609bfb0ac24863023f684c50483 2e
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-24CBFF.colorset/Contents.json	1	fdbd527f56637ace4ffb68102fc53135 970686e3f67ce2211a3124d3ea76fb2 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-263238.colorset/Contents.json	1	15b599108d8aaf6e0d68bf4cc4e4f1e d7f8068d3264048c313ff63749bed7e 51
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-292929.colorset/Contents.json	1	3fc30fc02b752580f87bb15729cdb60 1f6952bedb494c95df02cb88feee31b de
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-303030.colorset/Contents.json	1	639e12e93448a372bd547cded3073a 45fce4b96895e5c1202e22be6ccadb1 1d3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-333333.colorset/Contents.json	1	188f6c9b228cf52f4ef170105b2d0729 d714fca68566ba6baf80745833a7ad1 c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-363636.colorset/Contents.json	1	59e9821f263433d5c4c7d6d75348dfb 7d86f1eb578a2a7f6b27107b05db64b c0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-383838.colorset/Contents.json	1	79cc5a4bcb572f1803c05d3a8e56a96 4a6e86e0248a7c279360fbad6f92748 fb
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-434242.colorset/Contents.json	1	8945ba2460cf9caccc3c15634118b31 1fa0364b817dd844460b63499ff01d1 d5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-444444.colorset/Contents.json	1	652aa896a8384de9730eef17c7e14f7 434987e4654253a0b468a27d62832d 2ad
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-47F15A.colorset/Contents.json	10	56b97dab3a1fb82b0b85d63226da39 b14e99a803e4fa59a9615448601a7e b6ef
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-4A4A4A.colorset/Contents.json	1	b4ce70717ee715038a689821693082 78bf35b477b6daf80244ec6e5c87810 85d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	1	f6fa09aceb19960447cebde5b1cd07af



o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-50E3C2.colorset/Contents.json		187c2961e551752b490e6bd7a46f96 eb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col	1	36b2bc56d8e691d263002efd73f6b6e 1165b767950dbd98c2c98d6aea3318
or-535B60.colorset/Contents.json	W 10	e44
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-555555.colorset/Contents.json	1	ec63b653f4bb814454d37e3ab59316 02c6450b3c03dc7c25d3a17de4840b 4f2c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-605656.colorset/Contents.json	1	82663721d79a7477f66b95faed62817 cc719668a84c6dd3013db13f066045b 89
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-7F7F7F.colorset/Contents.json	1	1c2da1529b4153b82be82f001b9c03c 299e3911094748eca1681a3a4e5e9c 6db
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-979797.colorset/Contents.json	1	885c0ece8d18c8b71e5c82fdbe1b843 845780d71418313b24488f86e0ce9b 278
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-999999.colorset/Contents.json	100	89fcf75b2174ee611b882faa1899d83 b705246a7e9589637e26c8a1e9aa88 518
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-9E9E9E.colorset/Contents.json	1	b9b2c1d07a41a41e5bb2b313736567 d013e0ea704c9c2a75d394e4621c9e bf6b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-AAAAAA.colorset/Contents.json	1	4291a151449b02e86a43c008337baa d42063471a3c48a71f407009956d6df 0f7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-BBBBBB.colorset/Contents.json	1	222f6ff274b24c566198da58c61620f0 6fc89c63228a81bc3748973de2a5816 0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-CCCCCC.colorset/Contents.json	1	301723dd7c400f7e96cea401c0bec47 de42ef6c510be4cc169a8fb16a4b490 10
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-D1D1D1.colorset/Contents.json	1	14c695ae438f4fe77e4f83a3764f6330 8daa590f218dfcefe80ee74312a65e4 a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-D2D2D2.colorset/Contents.json	1	ced9554c43b92e18a263f0aef2c1dab be2c40dce932d3228be8c6685d01d3 bff
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-D42E2E.colorset/Contents.json	1	1f35d01ac5cd215175ddea857e16cee c171a532f8a512568a3bb00cd83c4e2 78
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-F75070.colorset/Contents.json	1	07bd07c8e5e38fdd57bdf6b6b6cb8c2 e14e092ccf9c6b9c34f6e8939cb7ab3e c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Col or-FFE194.colorset/Contents.json	1	4de781fbd65543d44b964a66cd495d 54e12df1f2644121944f1bed5784f10 2db
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Con tents.json	1	0fd49ba3c3585c709678e0046a821c3 c60685ec7063720d30d3a3448be3a2 08b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Def	1	5455d76bbd82d3d42e893fd260f24ae 94bc439758ff74331a80c7c41172550



ault-h.imageset/Contents.json		24	97
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		95db16228b070309bc17be883	d5eb1
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Def	18	ece033fb65bcf0e9d2a0f584799	923fe9
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Dev	1	0717e0ef639bf21a2e677ebeb6	c71bf
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usColor1.colorset/Contents.json		eb	
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Foc	3 1 W	ce775b2aec11a246c3a8eb0a88	3d1e3
usColor2.colorset/Contents.json		7301	
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Foo	1	51c18521a772e90a5c3e66064	18965
terButtonColor.colorset/Contents.json		ed0	
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Foo	1. 1	de42ef6c510be4cc169a8fb16a4	4b490
terButtonTitle.colorset/Contents.json		10	
HamiVideo tvOS 20210913 v2.2.5/HamiVide	37 1	011fe878d52c81eaa50308bff3	53633
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Foo	· *1 *	0717e0ef639bf21a2e677ebeb6	
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HamiVideo tvOS 20210913 v2.2.5/HamiVide		f2e09710d6df69f2464618a4a6	9bf0e
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Ha	1	76da6be7122ee7bab99df13fce	
miLogo.imageset/Contents.json	_	d4	10.
HamiVideo tvOS 20210913 v2.2.5/HamiVide	- A 1	4018cf87debc7814a8077ddc45	557830
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HamiVideo tvOS 20210913 v2.2.5/HamiVide	4 W. W	bb9239e60b45f3b992af2e610a	89ee3
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128-Active.imageset/Contents.json	-	a	0002
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128-Focus.imageset/Contents.json	-01	61	,02,5
HamiVideo tvOS 20210913 v2.2.5/HamiVide	12 60	bb9239e60b45f3b992af2e610a	89ee3
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139-Active.imageset/Contents.json	\$ 65 B	a	
HamiVideo tvOS 20210913 v2.2.5/HamiVide	80	7c69c4ff9b829cc201fc9e9d246	03ca3
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281-Active.imageset/Contents.json	111 100	6f	5 1C5u
HamiVideo tvOS 20210913 v2.2.5/HamiVide	- P	e2fc2815f7aa365d75ece5e214	83fa5c
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1 THE REAL PROPERTY.	c1e5051da23959b01ad1396f8	
281-Focus.imageset/Contents.json	8 -	6f	3 1C3G
HamiVideo tvOS 20210913 v2.2.5/HamiVide		bb9239e60b45f3b992af2e610a	80003
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	11318fcd66546f7c9a6dd6d146	
329-Active.imageset/Contents.json		a	030111
		7c69c4ff9b829cc201fc9e9d246	0202
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	77. 1	61	002/9
329-Focus.imageset/Contents.json	Br 60 .		00000
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	11318fcd66546f7c9a6dd6d146	TIIOCO
331-Active.imageset/Contents.json		a	36



HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	7c69c4ff9b829cc201fc9e9d24603ca3 c38e6113be56ebc0f5841026550279 61
331-Focus.imageset/Contents.json	- 4 P	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	1 25 10 10	bb9239e60b45f3b992af2e610a89ee3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	11318fcd66546f7c9a6dd6d146658ff1
353-Active.imageset/Contents.json	8 11	a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		7c69c4ff9b829cc201fc9e9d24603ca3
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HamiVideo tvOS 20210913 v2.2.5/HamiVide		1afba1c8ff2b7c079d85b42a80e0831
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366-Active.imageset/Contents.json		f5
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366-Focus.imageset/Contents.json		6f
HamiVideo tvOS 20210913 v2.2.5/HamiVide		bb9239e60b45f3b992af2e610a89ee3
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389-Active.imageset/Contents.json		a
HamiVideo tvOS 20210913 v2.2.5/HamiVide	~ 60	7c69c4ff9b829cc201fc9e9d24603ca3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1 0	c38e6113be56ebc0f5841026550279
389-Focus.imageset/Contents.json	1 11 10	61
HamiVideo tvOS 20210913 v2.2.5/HamiVide	St. Ph. V	bb9239e60b45f3b992af2e610a89ee3
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3-Active.imageset/Contents.json	_	a
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3-Focus.imageset/Contents.json	~ @ \	61
HamiVideo tvOS 20210913 v2.2.5/HamiVide	12/2 10	1afba1c8ff2b7c079d85b42a80e0831
o tvOS/HamiVideo tvOS/Assets.xcassets/ic-	1 th 1 th	56d6a0d9dc3217085447db0f340685f
424-Active.imageset/Contents.json	S 4-	f5
HamiVideo tvOS 20210913 v2.2.5/HamiVide		e2fc2815f7aa365d75ece5e21483fe5c
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	11. [10]	6667192d8f23c8378454f4bdbed1480
4k.imageset/Contents.json		dd
HamiVideo tvOS 20210913 v2.2.5/HamiVide	W 47 W	bb9239e60b45f3b992af2e610a89ee3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	11318fcd66546f7c9a6dd6d146658ff1
8-Active.imageset/Contents.json	1	a
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	c38e6113be56ebc0f5841026550279
8-Focus.imageset/Contents.json	- N	61
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	12.00	bb9239e60b45f3b992af2e610a89ee3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic	1	11318fcd66546f7c9a6dd6d146658ff1
999-Active.imageset/Contents.json	4 P. W.	a
HamiVideo tvOS 20210913 v2.2.5/HamiVide	6	7c69c4ff9b829cc201fc9e9d24603ca3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic	1	c38e6113be56ebc0f5841026550279
999-Focus.imageset/Contents.json		61
HamiVideo tvOS 20210913 v2.2.5/HamiVide		bb9239e60b45f3b992af2e610a89ee3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	101	11318fcd66546f7c9a6dd6d146658ff1
99-Active.imageset/Contents.json	11 TO 1	
HamiVideo tvOS 20210913 v2.2.5/HamiVide	12/ 1/ 1/	a 7c69c4ff9b829cc201fc9e9d24603ca3
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	c38e6113be56ebc0f5841026550279
99-Focus.imageset/Contents.json		61
HamiVideo tvOS 20210913 v2.2.5/HamiVide	1	14f0bb63c138a1d79a4419d527c51f4
	т	14100003C130d1U/3d4413U3Z/C3114



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HamiVideo tvOS 20210913 v2.2.5/HamiVide		b990e748c069fefb4ee0d91a4ba0d13
o tvOS/HamiVideo tvOS/Assets.xcassets/ic-	1	5700498359411d083fa1671a351a73
AllDay-Down.imageset/Contents.json		18f
HamiVideo tvOS 20210913 v2.2.5/HamiVide	OF THE	353356d3160a4d8684490de30a328d
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	651f9399974c251a0dcb1f73efbe516
AllDay-Left.imageset/Contents.json	_	3a6 //
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1 =	651f9399974c251a0dcb1f73efbe516
AllDay-Right.imageset/Contents.json	- 603	3a6
HamiVideo tvOS 20210913 v2.2.5/HamiVide	255.00	353356d3160a4d8684490de30a328d
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	#1°	651f9399974c251a0dcb1f73efbe516
AllDay-Up.imageset/Contents.json	14 14	3a6
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		f823b9acd3d7ac635930f7cb20c99dff
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	- 63	
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	#1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	edbf367e33ce58b41a622e6d5ada378
BackWatch.imageset/Contents.json	7 67 7	C
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	The same	d24f9dfc15452f38060716021d66bee
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	» 1	6c7db19c70486a2f7c630a97c8f8559
BannerFree.imageset/Contents.json		c8
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BannerLive.imageset/Contents.json		b1c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		474643cf4e8a4a80941e9dd427e591
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Control-down.imageset/Contents.json	1 1 1 W	f186
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		29cc0c0c68d63088da0e3069f5e9571
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Control-left.imageset/Contents.json		52
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		380ec4df197bc91f7eead95934d8e0b
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Control-right.imageset/Contents.json	112 00	603
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		3da6e882b9ffba03ca8402d8bad5ec6f
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Director.imageset/Contents.json		0c
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HamiVideo tvOS 20210913 v2.2.5/HamiVide		ecf1d58fb600da57021b71619ee9c8b
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HamiVideo tvOS 20210913 v2.2.5/HamiVide	_	bb2a44df9465030b3302dd7b3a3947
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forward10.imageset/Contents.json		20c
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free.imageset/Contents.json		9c
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Subscribe-8-Focus.imageset/Contents.json		61



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HamiVideo tvOS 20210913 v2.2.5/HamiVide	- 100 TO	7c69c4ff9b829cc201fc9e9d24603ca3
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Subscribe-99-Focus.imageset/Contents.json	14 14	61
HamiVideo tvOS 20210913 v2.2.5/HamiVide	100	fa2450dcb2be3d26a20d4df36a5504d
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Focus.imageset/Contents.json	1	220
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	df15f0c50bb6a8518228d1abad10ebb
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide	1 34 11	f3e1303bd7e09eb29a16b9c71d1ac4f
o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	THE STATE OF	333d604182a810009ab1f3e0df118fa c5
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-	1	7857802ac771a39291eb301d5adf83
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/ic-WillRead.imageset/Contents.json	1	b86014dda936eca2209cf4d589f5348 b0aadc12bad26869586ec4910c3a4a 25b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Left SideMenuBg.imageset/Contents.json	1	5dddd29d44e5e3856b9a1d037b0622 50c499c7c18e3933f4d87fe2bd3fd5ca ed
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Logi nButton.colorset/Contents.json	1	011fe878d52c81eaa50308bff353633 0717e0ef639bf21a2e677ebeb6c71bf ac
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-13-Active2.imageset/Contents.json	1	cff7be7b22a93ede858b63bfc649f563 1cefd39fe6040acb9f45868d38f6bbd2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-13-Focus.imageset/Contents.json	1	cff7be7b22a93ede858b63bfc649f563 1cefd39fe6040acb9f45868d38f6bbd2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-14-Active1.imageset/Contents.json	1	3a72a7227d5aedc8d260fc9bc4c3922 058a92e151c59038bb8a4dcecaca46b 53
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-14-Active2.imageset/Contents.json	1	3a72a7227d5aedc8d260fc9bc4c3922 058a92e151c59038bb8a4dcecaca46b 53
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-14-Focus.imageset/Contents.json	1	3a72a7227d5aedc8d260fc9bc4c3922 058a92e151c59038bb8a4dcecaca46b 53
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-15-Active1.imageset/Contents.json	1	77dc346e6fec3ace20a7ef87fced2d11 e00ef8739588cc4cf981733a2654a07 b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e1902bg-15-Active2.imageset/Contents.json	1	77dc346e6fec3ace20a7ef87fced2d11 e00ef8739588cc4cf981733a2654a07 b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	77dc346e6fec3ace20a7ef87fced2d11 e00ef8739588cc4cf981733a2654a07



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide		42dfbdc4c03019801fe2ef9732c5895
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1%\	0d2653d5ca33cdeb25bd1054da432f5
e1902bg-16-Active1.imageset/Contents.json		11
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	10 10	42dfbdc4c03019801fe2ef9732c5895
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e1902bg-17-Active1.imageset/Contents.json		787
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HamiVideo tvOS 20210913 v2.2.5/HamiVide	O TO	a78db9e12a61d3debce4c9d417448e
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide		66391359f4abb234b11785b1f72822
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	204a6d0120bedb9ca28fcc6c357d4fef
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1 2	71129d0e89d6d7d067a8f3361cff626
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide		65d0cc610e0165e6a2ea13088c56d6
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	07eeca6671999c81a8b8dcf1a55a4b5
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide		2609fdf498f8628f11da77c188c00a15
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	18	07eeca6671999c81a8b8dcf1a55a4b5
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide		2609fdf498f8628f11da77c188c00a15
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	07eeca6671999c81a8b8dcf1a55a4b5
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	18	4a34b17b25a6582649c4dae780015d
e1902bg-4-Active2.imageset/Contents.json	138 J. O	7b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		242f6ca3c154b1f38c20bc68786cef7e
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	4a34b17b25a6582649c4dae780015d
e1902bg-4-Focus.imageset/Contents.json		7b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		57f23b178512192279132be9b06a17
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e1902bg-5-Active1.imageset/Contents.json	- 1	1a8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	111 80	57f23b178512192279132be9b06a17
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	7 2 1 W	0eeabe6c86dcb816f4bc667aaf38621
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	0eeabe6c86dcb816f4bc667aaf38621
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e1902bg-6-Active1.imageset/Contents.json	177,000	ef7
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ		2599b350f1fd1a9714b13d528f94e14
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide	4	22a09b58b0d81bb48bc31783a9d433
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	2599b350f1fd1a9714b13d528f94e14 ef7
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HamiVideo tvOS 20210913 v2.2.5/HamiVide	12.00	e246757b40d9f4bf570d5a168f7a9b5
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	6b2408a5fc6405737f6da2a4eb4e263
e1902bg-8-Active1.imageset/Contents.json	W 45 M	3a
HamiVideo tvOS 20210913 v2.2.5/HamiVide	80	e246757b40d9f4bf570d5a168f7a9b5
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	6b2408a5fc6405737f6da2a4eb4e263
e1902bg-8-Active2.imageset/Contents.json	-	3a
HamiVideo tvOS 20210913 v2.2.5/HamiVide		e246757b40d9f4bf570d5a168f7a9b5
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	168	6b2408a5fc6405737f6da2a4eb4e263
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HamiVideo tvOS 20210913 v2.2.5/HamiVide		
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e1902bg-9-Active1.imageset/Contents.json		7f7f9e08c26df8f65985eaddfb9cf8ecd
HamiVideo tvOS 20210913 v2.2.5/HamiVide		1 1000 1001 1 1 1001 1 000 0 1011
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	1d9f943311cc4eecd00b1c356e24016
e1902bg-9-Active2.imageset/Contents.json		7f7f9e08c26df8f65985eaddfb9cf8ecd
HamiVideo tvOS 20210913 v2.2.5/HamiVide	- 68	1 1000 12211 1 1001 1 250 2401
o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	1d9f943311cc4eecd00b1c356e24016
e1902bg-9-Focus.imageset/Contents.json	THE PERSON	7f7f9e08c26df8f65985eaddfb9cf8ecd
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o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ	1	11318fcd66546f7c9a6dd6d146658ff
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e2701bg.imageset/Contents.json	1	6f1f1075e901defff476686974753668 cb00657b6aef07bfbe7e73eb497f395
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e32bg-Active.imageset/Contents.json	1	185d3a744e0c926fe82e484a2ef5e9d f5eb5cddfaef475591439dcaddb9a62f 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e32bg-Focus.imageset/Contents.json	1	a3df738b9b0bcf7309da49130c3e163 df15f0c50bb6a8518228d1abad10ebb 0c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e33bg.imageset/Contents.json	1	2f3b3874a46e1163dc045c86cdf0311 5da50adbccb9442445a4a94fcca5819 ee
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e5bg-Active.imageset/Contents.json	1	8e9b109265683666091fcbb5294e94 96912a62ba071b0ee364f23e1b4a64 8746
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e7Bg.colorset/Contents.json	1	dc8833f20c0a352bc55267cc0525b52 51c18521a772e90a5c3e6606418965 ed0
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e7Status-Focus.imageset/Contents.json	1	c97fe9ece5fe6b00346baea2777d129f fd276aacb4c83a48a46ca2fed7bac2ff
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ e8bg.imageset/Contents.json	1	3d6033659a28e2ad4cf2fa087df0388 9c3a282efe6db371f4d80b5f700da6b e8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Assets.xcassets/Typ eMoreBg.imageset/Contents.json	1	a3df738b9b0bcf7309da49130c3e163 df15f0c50bb6a8518228d1abad10ebb 0c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/BaseView Controller.swift	2	ee2aef65f92ef178d36715b8a071078 62addef0dc67162d808723084a5d3e 0bf
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/DateTime ViewController.swift	2	3cc56bed593c775bf38c8424be2d66d 74e137dabe0844330efb2c4ef664b2c 71
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/FilterView Controller.swift	20	d65a4ad42c26299bbac53c9d53ddb9 d4003d3f42051b084159180760da48 a933
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/HamiAlert ViewController.swift	5	48f811b0f6cee9e28c9fb67a816c6993 f28510753dc6aea1ae54f03f585ad4af
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/MainView Controller.swift	17	4f0deb9df6713ae4f15ca965a236c43 34b2d33c44a19da4652720c9982e50 ec7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/MemberVi ewController.swift	29	b3330107c8312e187956dca3ea5577 4b8ba5cd1ecbe83feee33e5f11cbbf5b 6c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/MovieVie wController.swift	28	afce2b783ba3a0d216e42d89c03a8e6 37e328401eaec1702d32fcf1249e7ec 4e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	8	2eb9deccbd7ecca2200b52d14ea1228



o_tvOS/HamiVideo_tvOS/Controller/SearchFilt erTabController.swift		08ee750754c5388f8db1fd1467e9a00 9e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/SearchRe sultViewController.swift	13	c4cd2c7516eed417da698600244e73 7026d976da7752fb7ad89f37b0b53be aa1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/SpecialAr eaViewController.swift	27	7bdc1bf469925e2c64117f4591dcef5 b02120af7160ca958fa80a01231bfa8 b5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/SubCateg oryViewController.swift	7	1da03cb7003a7f40abcc224b04ed4fe 487b36e7c37246a179442265929e48 771
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/SuperVie wController.swift	28	a0b16cd43cde8b06c60645e77d78fdf 0c8da68e360acc4dcf69fc8fef9e1758 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Controller/VideoIntroduceViewController.swift	22	b977ffed135154edab99404cb80bea3 c0e4f9c22ca8a4e52fb76b551a006bb 2a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/Date+Ext. swift	3	ef400983b1661f8de8ab6c78c0065e4 37bcbb149ba293de950f1b4c1cbbd0e 57
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/Error+Ext .swift	1	72dd106515f59e30a29fa03840fab81 013a9e9d9257257d5966e2cb786705 d19
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/Int+Ext.s wift	1	d4bc01aaae3b7bd5681cf0bb36bd123 07adaa6805f97d0fc4523f91a8c3d14 b1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/Misc+Ext. swift	3	7694bcec950aeaefb7b43af4ac59dde 53c13a99240dead5bf979dc5a7dceba 40
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/Notificatio n+Ext.swift	4	32649a99f7255cbb110f18838ee35b7 89f4725a9a70ea1a8fd64495466eb82 70
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/String+Ex t.swift	2	e17331d4009f92b489fd7dcc539bbdb 3df8e4cdeef0cffd5832f9c88965a695 4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UIButton +Ext.swift	2	24a2dd065470f921bb3bcbc88f369e7 00bbd8944ca5a37991867762f4a0d7 372
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UIColor+E xt.swift	1	b5256d86bd8324c0a61d20d3bad9ca d2c9b5dea92296d306b3ebc9cbb937 c0a9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UIImageV iew+Ext.swift	1	7599aff4b86361545ffecbf4ee9f38d94 172af121a1feeaec8e1b30f8a7825b5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UILabel+ Ext.swift	2	2657cbd98cf1e3b25770746bb25343 ba802ac549bb9e1097f6c63aebd18bf c7b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UIView+E xt.swift	6	b9c8c0f57deec0805014885e18f8a22 62612c1cbd32650951fa8832e25336 bf2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UIViewController.swift	1	ce124791a8339c653b892044287c23 063a10bf8b980c540b68d109fd4b75b f29
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Extention/UIViewCo	1	28d027695d5c947c727739a1aeadbff 1f3d6ca9f4d16d3a6b4d7be759d2ca3



ntroller+Ext.swift	100		ed	45/10
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/GoogleServio Info.plist		2	e183620d198e7c7d0 f374ee20327d2ec5d 2a	
HamiVideo_tvOS_20210913_v2.2.5/Hao_tvOS/HamiVideo_tvOS/Helper/AdsHowift		5	677095579d1a5d3a3 e51045ca71125e2ae 3d3	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/AuthN Helper.swift	7777	28	c8020a8c096243fc6l 6fe9fb273fd098c915 a	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/AuthN LoginManager.swift		6	def05deb40a3e8c1f1 78b3230bf917ddf26l 8a	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/FireBa er.swift		5	4dbbdf3a5edccb28f1 4832d5761cee0b792 44	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/Hami. er.swift		69	c981ce4c6474f5f388 a5d8ecdcf54d4a6419 9	
HamiVideo_tvOS_20210913_v2.2.5/Hao_tvOS/HamiVideo_tvOS/Helper/LogHowift		2	e9ffbadf93422ffb376 2f5e2ce23e6ce5f872	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/Memb Helper.swift		4	93015c9797ec1426f 093463c1af461c9bb 80b	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/Menu r.swift		40	060d5c2578e796d56 8f17e23b56e750f868 f	
HamiVideo_tvOS_20210913_v2.2.5/Hao_tvOS/HamiVideo_tvOS/Helper/PopVier.swift		7	ad6fe2f33bf1734c57 00437389ac10b1cb7 58	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/Serve er.swift		3	126438f232557c280 02a9a610cb17a81c6 e0	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Helper/Syste gHelper.swift		4	37af21e7f94b27019f 31ca9d4c6d55c7b5e	
HamiVideo_tvOS_20210913_v2.2.5/Hao_tvOS/HamiVideo_tvOS/Helper/ViewS		5	11cfc81eb389a5eb7f 9a6ca1b82d1c472b6 42	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Info.plist	amiVide	2	328afc603aea3c6c01 4d860c5e3262fb7cf2 0	1989, Wr. 76, Tr., 1901
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Model/AdInfo		2	d0e9d24767a6b441e 936057be50f98bc83 31b	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Model/Ads.sv	. 7. /	2	df993b88c0b6111d0 54a877d4390042b2b e84	
HamiVideo_tvOS_20210913_v2.2.5/Ha o_tvOS/HamiVideo_tvOS/Model/APIRe tus.swift		1	7d2c1b95f33f9bc0aa 0092e593230455060 cb	
HamiVideo_tvOS_20210913_v2.2.5/Hao_tvOS/HamiVideo_tvOS/Model/AuthMswift		2	87792352be6c89947 81a60485d5323d572 4c8	
20 87	1630		100	20 VIV



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Bookmark.swi ft	2	e8a1c63cfb3b5f86e2a5c2cd8a23646 92c468178a5ab475db0d29385a66d8 d24
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/CategoryInfo. swift	2	a65aade312bebb516d04191406659b caf5f290b5af0c4da3cc12e272a601f0 bd
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Conditions.sw ift	1	c36b094ee8a24144787d564e713c92 b8cc0a7201f5d3cc97ddecde9c6348a 723
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Content.swift	4	61d2e67b93fb35e3cd20d3216e03a3 d3b044aa95b0e331612caec00cda40c 170
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/ContentURL.s wift	4	3d75b6be32fa392e6403b753b612c9 c706b1bcb8673354afc6fbafece24068 de
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/ContentURLIn fo.swift	3	023b12b0bc831ae6949437ae5eeb68 0bd70cbe84d62bc42c8112881a4b9d 20c1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Country.swift	1	28bf12b469df5971c6bf5254c9f93b8e cbc01649097510c2f837cc05d4b694f 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/CountryInfo.s wift	1	770bedfff466f4d6a76cbbf1fa13b4048 17d9331e13314fc28f6c28674c91870
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Device.swift	2	747bdeac1819f83593592eb6586c0a 0f8a3425ed601c531525a59ec820dac 021
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Elements.swif t	14	2415d105f5d831004be9874a4f0e364 bb67a5d89570fdcfe0c275a3360cbc5 78
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Favorite.swift	2	06a815d2dce0a0e311524226cf08cda 18ee0282b0f876354cd7481d1c2eb9 998
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/FavoriteProdu ct.swift	1	500e26c673263f48c4f12113b41444a 960004721eea0339a6c0050e291b18 d80
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Filters.swift	2	20dad36c969de746ceb13ee52e93a2 83c312f9db372103877e7b0b066b1a d9bc
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/HamiProductI Ds.swift	1	8945f2c13481a284635d8de938cb63 712f709a2394f97150822112c11b801 7fb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Keywords.swi ft	1	cc47db1568787e2cb01223ea51c35fb 9f65220346eddba62bf91e24386384e c9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/LiveChannelM etaData.swift	4	a36dca1e28f2b56209db2c0d9dee0b8 63f90109798e34e1781e2ab8707105 207
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/MenuInfo.swif t	5	a3652ada3d67275704fc2a8f29ffc185 68562c73075aed86c41125bd04ba30 4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Message.swift	2	0545229da6b46ee4c1e52955f7e6ad a6b15027241fc419a127fb59548391e 070
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	4	3ff35787879de8311549bb120d5dfb4



o_tvOS/HamiVideo_tvOS/Model/Order.swift		1467aa539856f72f43910089886905 bba
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/OrderItemInf o.swift	3	c590359452150ea0f60b2e7ef760445 c290675afd24b83302bd77cf20543dc b8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/PlayingRecor d.swift	2	0f27c59a971c88669ddff39763ca84b 23dcc0b2993d8de23c26e472adc8df0 d9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/PlayingRecor dCategory.swift	2	123a66678edbc811942ee750b1c4b1 34661e4d639aaa06a14b2e944cb780 b3b3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Product.swift	11	31a8fb98a44b1865c00e836d440577 853c9fdd38ad86a2780b460a9c867d 821a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/ProductAutho rization.swift	2	e3c17ef61af8de64e8fe843254da539 d8487eda430b72eb6fd5b16ed81e82 dd9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/ProductLite.s wift	8	8aee821be7bdfb39262a7a6d62af727 6a5d88615ba5a7cc2797a5cd05c212 b39
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/ProgramInfo. swift	4	fed4575622cefa6b855a087b4f3e093 e0040e9e605afbf4bd88434b47cac08 0b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/publishYear.s wift	1	4cd82b067b61181ff5a7327f0d8430a bceed0dd53d373660614c4f368329f9 d7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/QRToken.swif t	2	83dccac85abf68e1a55234431585a94 3635cc61397af8d143bdbe07d6b107 aba
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/RedeemInfo.s wift	2	29dfd9d6d2b1490e36c131bf9034da3 228bc5324fb88196984e3978a6218a 341
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/RelativeProdu ct.swift	10	235f1bc77e4907115f392caff298a991 c9857d6661d14c1167e7cdf76c79aeb e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/RelativeProdu ctGroup.swift	2	7efae7a022823ece5d6e9f8fa33f6295 df9da1335fce40785d3269d4b024b08 a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/SearchSource Result.swift	2	c4a95a3c20f0a56faaf3adb1a3cf9c9f4 6c2d3396a2ea92bbd5080a8d39e005 b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/Sort.swift	1	18e4ca54e00f226b93d1f4b5a45895b 2508cf42757feb1eaa8564f36591fdd5 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/SubCategoryI nfo.swift	1	a086d1b87a99d9d956a83776b15996 fd94a48f63d5922030ea682b2785b38 8c5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/TicketDetail.s wift	4	1d39b89fbf7ff56ebe60c4817c7ee0b3 30e6eceaaadc9117510da8fea93a341 0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/TicketDetailG roup.swift	2	6420ae954408007e6d5e19d7507e40 c64afb4be1f0d06c4f45db5fa22f775d eb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/Model/UIInfo.swift	8	0e973a5609f787321af79634360d59 7a6dbdb7e985206cb849b884e0e607



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HamiVideo_tvOS_20210913_v2.2.5/Hamo_tvOS/HamiVideo_tvOS/Model/URLEncrfo.swift		10	3770cd1345bcc4b5394f78341e6ed8c d24e0ef41ac912b0084ddbc8c0ba590 39
HamiVideo_tvOS_20210913_v2.2.5/Hamo_tvOS/HamiVideo_tvOS/Model/VodLite.s		2	194c69346f3ab35201c6054c7c82d4a a9834b2556776a5c276ae79eb9562d 453
HamiVideo_tvOS_20210913_v2.2.5/Hamo_tvOS/HamiVideo_tvOS/Model/VODMeta.swift	· ·	9	23a44c8ae9e04306f22269be5adfc0fb f8e35da83457139ae0f1803f6895e4f 0
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/Model/VodOper ndingInfo.swift		2	45a4fe9a8d8ae6fa8aee3eb9ce9dc90 2450f5b42ca8166000657bd30612f88 c6
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/Model/VodPoste ft		1	fc49022e661eb11fd5384b46ad5d152 2b95c0440db92b60f80a51c509d86df 6d
HamiVideo_tvOS_20210913_v2.2.5/Hamo_tvOS/HamiVideo_tvOS/Model/VodPreviwift		2	a19f3cfa2ed93b9a4a5518bea506606 d54b0a008edfbf9cfe3585310dd6867 b7
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ TopButton.swift	100	2	6c2b498a8a715436e44d2b68637685 696dd16b6e3b60a06735e8a909c0bc 92bc
HamiVideo_tvOS_20210913_v2.2.5/Hamo_tvOS/HamiVideo_tvOS/View/Common/er.swift		11	3548d004e6e10aff66230e6dd9d6470 7a8eb122671c26e9e641bde60548a8 f93
HamiVideo_tvOS_20210913_v2.2.5/Hamo_tvOS/HamiVideo_tvOS/View/Common/erTVSport.swift		7	8fe18fa926d6bd0d18c847242af8a56 d523f24bc36e7052c05bd72deca91c3 a1
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ erTVSport.xib		12	ac112d290f9278cbdd193d63d78c943 1d462d98568b22fc4166d1e432aea9 1cb
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ erVOD.swift		5	8843a8027d613163767da4e0d1628f cdcab3c1ca3d599686850510bfd8c70 4b7
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ erVOD.xib		16	780ffd6bb93657d3f5ba285f8bc9197e 0b5ca85157f7a0c4ddcd82141e4eaf7 a
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/erSerachButton.swift		2	99da5e4ebf9c7534b16d3de1324e58 d680db9098f945f910becb84688ba31 46b
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ BaseButton.swift		2	55fc820598cca1d402d3579ee463097 42faf4ecb0f76486c47ed9ef3e6f2003 b
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ FooterCell.swift		2	8ae8268325618f8c6ddc19dc155bcb9 a55cc9adfa09155b5dcd9b55fe249a1 a8
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ FooterCell.xib		8	bce5485c3f0590df87bfc028b122cf72 b6bf75b6f98c781c6b4bcfdc81f11f60
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ eAreaCell.swift		6	26fbc6a8e85853a88c7611dfd729e5d ce15a070a2543778e630d894412e60 5bb
HamiVideo_tvOS_20210913_v2.2.5/Ham o_tvOS/HamiVideo_tvOS/View/Common/ eAreaCell.xib		11	2ad67568ca268b4776172c68610a81 a3889b0314ee4b6ecd42866fdf9f841 513



		2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Common/Prod uctButton.swift	2	ae9e986dd575180f32607cb425617bf 398b2c1d43c8400c9bee775c58f53d9 92
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Common/Spec ialAreaUIInfoCell.swift	18	a4306224f0e97f810c9355300d7df64 469d4da4edb238e8422ccebaf561618 91
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Common/Spec ialAreaUIInfoCell.xib	8	127ea65aa3cbb0199ee93199fb4ec36 04270a4044d1a229f83d6f086d8cdfc 70
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Common/Ticke tView.swift	2	6d53260ce5fa0a2743fe51b8179675c d157234813ff2b32cd613816d03252a 60
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Common/UIInf oCell.swift	32	a791e68ac3606b70e1883713167fb4 751096db0942d116779dee135c05d2 a82a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Common/UIInf oCell.xib	17	8491b124555a7be5a3502b19c33a34 b673451475a92252a2d3234b59fc28 714d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/BaseElementCell.swift	1	53b071a5fbf49a3fda5a473a583ada4 6356056ae235ca5390360b8451f7c6 a47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1.swift	7	8ea8a1b2742d73563dbc53755f5daf0 293597323f9381c33c3f9aa2285c326 30
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1.xib	7	3b9d2f2b490c90e2334f9019023d3e8 b4d91271507f84283a4752c9b0db84 cb9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType10.swift	7	7e92490f09920c833e12077990ebdd 08e3651c194b5fcf9918f76a2bdd5d3 ae8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType10.xib	14	6b4a805ca6207241845240b7bf2d40 6521c0cdf5ac60a914f994164721905 630
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1001.swift	8	2f31a04880a0ee4c95a40400297ce8d 47cbc1d11f6a41dc9a5354a95eae177 4e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1001.xib	18	b0210eecc52e8f0420e38d1cc48b3cc 2092848882b3e60507d24d7b62e5ed d90
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1002.swift	6	905c5035a21dd8861a44da2dfa3f63c be5602a7c4865669eac2ed3fe5e55d2 f0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1002.xib	15	b43556caeb6d200c5c6e7492da4a59 1090bf4667c7dc2ca0b7d0e8a41eaba 674
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType11.swift	6	41ec06ff97f1178ae3716d83f4a5ab0d 4e9acab9b0001d5c8e3c0276c6b1e7 19
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType11.xib	14	2fd38a256b6b874fc802298f3ce3930 a4ca5afee55b5096d47564e78c4d93e 32
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType14.swift	4	76907aa1633ec1b3ee268c208db733 88adbcfbff36158298eeb1864a46ae4 2b6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	11	19e6c6fa8f70bc84df05fd81d6ae60aa



o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType14.xib		a000150d5fdb7768e75636ad88f31f0 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType15.swift	5	20ea50762e988a2312e45cab7e1c85 059fdb74fa62eb79a6f3daff9bfdc7fc2 e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType15.xib	12	213c64bc2943eaa997797b8294728c a96a5e6af5afa315c3226d68ad53cb6 1bb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType16.swift	7	a79ccd6c9add53d76274cdd0ffe036b aa22d1230543d829e7ef8324061e0f5 19
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType16.xib	13	e486910af9bfee9f47100412a19967af 8c7d4730f9c57ef6c7ab3754151f643 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType18.swift	5	1bcd28af93f6fdb980a272d987df790c 43bd3e35aa9527020877e34de9f278 37
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType18.xib	11	01323a1ec3418632c383e174e3baf2f 1040317129b2cbf7a32036455b3068 317
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType19.swift	7	5651d236e47fe7ac6430b1a368d52a 0b60e5843054fd3a62cc991a4f5d268 153
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType19.xib	11	29008e67e83684f0a04f619fdb3f69f7 d4c3f1fd6bbc550e0d0790f54ad31b4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1902.swift	7	e0caad4b54ce393bc0cca9a1c125a86 821222fd69b9c7aea5d44d84c19b23 064
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType1902.xib	13	a89a61f59d62a040e0b3c7ec0d658f8 3d3d497cb0bad4943c7aed9febd8c00 5a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType2.swift	3	29d9fa618416326ac18a4a335916ea 62f1357a31c0a020205393cd00b0af0 c50
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType2.xib	3	dfb311c7276286cd70c030b76ad9ff6 aa81695fa92df110529c9536a17d4a5 e1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType2701.swift	4	93878b848eefff2b41306c346c0f07b5 6b8f36ccb38ae4eb4726a1335a12998 8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType2701.xib	5	38c0ec61e5eee582d7e5536989a648 d1fc32aceb8f0bb56a62e7129ee951c 3a5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType29.swift	5	c507cad31f92f21240918135046643c d21d9f0689cf9489d4a7752b31bbcf7f 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType29.xib	10	84eccde052dd89ba5c495ad1141108 c8e871c92e6fcdba1f300dd3f386bcf3 3a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/ElementCellType30.swift	7	a29ac35fba305fe2eae6c46ea351d9f1 2f82776062684a286cde282965a134 5b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy	13	4b699e70430b2cde3681795727d2f4 8ba004d2788320101a053f6241f47fe



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pe/ElementCellType30.xib		77c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		2f2bb7f39f86d6f21060e56bd61fb8bd
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	6	fa35faa94ce695e52ceb605d270ace9
pe/ElementCellType31.swift		e
HamiVideo tvOS 20210913 v2.2.5/HamiVide		03dd169f92378c1522d83c026b9cdae
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	11	a1ad3958838c7f5d67ecf6a7930327b
pe/ElementCellType31.xib		1f
HamiVideo tvOS 20210913 v2.2.5/HamiVide		adead34c677e99f109edb1decafb0f47
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	10	ea20fb683021e7fa9e906b5e041a00e
pe/ElementCellType32.swift		e e
HamiVideo tvOS 20210913 v2.2.5/HamiVide		00-042060604-04-14610-024-0
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	29	06c8429f8f5dc0bc8dde1df10c034e69
pe/ElementCellType32.xib		e1530a46fccc401707ada51dd82a1ff5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		b8ba64543a528edf2ce462a3d22874
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	1	1c2fd28b50e62b57a6ce5f4c284a185
pe/ElementCellType32MessageView.swift		12c
HamiVideo tvOS 20210913 v2.2.5/HamiVide		34d4d34a3f4c2fe0f26c2184540690b
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	4	ad3609ec84691b4a636091ef69e097
pe/ElementCellType32MessageView.xib		daf
HamiVideo tvOS 20210913 v2.2.5/HamiVide		f44e8355c21a5ed5f95412491d85820
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	4	103cce1728ca222fa94dc3259b3d053
pe/ElementCellType5.swift		54
HamiVideo tvOS 20210913 v2.2.5/HamiVide		4d85b182b0599b0f290999710cbdffb
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	12	d35aff9866c10afe84566fb4e5be3c17
pe/ElementCellType5.xib		d
HamiVideo tvOS 20210913 v2.2.5/HamiVide	- 6	4f18e3de0b57979e154c9cca6c22792
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	4	848dc971bca7b1c73797894327c90cf
pe/ElementCellType6.swift		5e
HamiVideo tvOS 20210913 v2.2.5/HamiVide	1 The St.	3ac029f69bbd796a67202cc937965e4
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	7	1260f7fed9b294f3ea6ceb7424287e7
pe/ElementCellType6.xib		65
HamiVideo tvOS 20210913 v2.2.5/HamiVide		5abd84f81ef172c6a6d056075927a59
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	6	b4103e4ab4575578e73b986f2ddf078
pe/ElementCellType7.swift	100	99
HamiVideo tvOS 20210913 v2.2.5/HamiVide	45,00	f04aebd864907fe8dbb1c36700aa846
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	13	d9f7ae62813522a1f82d412452c7c61
pe/ElementCellType7.xib	W 12 10	e8
HamiVideo tvOS 20210913 v2.2.5/HamiVide	80	177712ac9174e48523de0792a2d6f9
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	5	5f0fc96602bdcf9e409a0a0b1390a02
pe/ElementCellType702.swift	_	297
HamiVideo tvOS 20210913 v2.2.5/HamiVide		
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	13	854d24ccee48d836ff08385fd0fd2ad6
pe/ElementCellType702.xib	411 TOO 1	cbd266e70bc82ffacb9401c7e0ef6e1d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		75444737a0d77e3aa8c2f448b8a00b
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	6	178dd61886980896f40ba17b2a4fcc1
pe/ElementCellType8.swift	80	97d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		4438342b965eb4bff710643be04c8f9
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	26	a2c74adcdde3e625088525a2cec63be
pe/ElementCellType8.xib		CC
HamiVideo tvOS 20210913 v2.2.5/HamiVide	1200	ced748ad570065da5897531c0bf0f5b
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	2	d9f733f78c82647e16b604533e673c1
pe/MoreElementCell.swift		8e
HamiVideo tvOS 20210913 v2.2.5/HamiVide	W 49 W	617de7ac1be7d20139ce136382c3d5
o_tvOS/HamiVideo_tvOS/View/ElementCellTy	6	ab8bbc52b84f9d02f5bd6062f39589b
pe/MoreElementCell.xib	J	19a
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/NowTimeView.swift	1	ed715717834d05b07e7eec6ea65c3df 7bb66e007604914fc21070b02d3524f 4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/SearchChannelCell.swift	2	c5f08dcdbe75b9d5a88aaf13137c5ce b8b9b7e89be4ebd1cce80c009aa1f97 78
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/SearchChannelCell.xib	5	5ca3cfcd4ce6c2ffa502f0aae560f7d82 8663e08e655e56c65cfe0ec2bef95af
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/SearchProgrameCell.swift	3	24f143197067014dacb69c0354f7406 5caea8251dc39b3f100bca909b488da 4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ElementCellTy pe/SearchProgrameCell.xib	12	baf309465780c74353813875752c12 4dc62beb41ae5860bfbb108cdc75fd2f 5f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Filter/FilterOptionCell.swift	2	ce77d9c7ed86679abab76123b1dde4 0fc208e6b9ccadf7b1a9cd6b533d7db 61f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Filter/FilterOpti onCell.xib	4	28622716142d966727dd224f825bc5f 5e1187e108616589e80a3a9b5f765f4 ac
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/InfoButton.swi ft	2	84472cea7ca46ea874680790ac1a9f7 d54ca710169bbf13edbc9a8f5e00e30 e5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/FavoriteView.swift	22	dcfaee231e10c1bdb004e1fbe4f04228 f916aa9074526d1e8cbcbd43938299 6d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/F avoriteView.xib	17	086b70b1ccdd99fec748ad09460d751 d1920e9607947909081c8499ab28f7 0df
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/FavoriteViewCell.swift	4	4a831aaf2d281c0c28737973cb984f6 4ed388e0830a404dca51973e31f25f8 65
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/FavoriteViewCell.xib	13	f211d0a682e3ceab5b742b6b9bcc06e e86072fb213163b1e156fdc330330a3 94
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/F eedBackQRCodeView.swift	2	42e3553a90d31c44fa1a3fd51a274c3 33a727f50bbd52ead9a88f769ba2fc0 15
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/F eedBackQRCodeView.xib	9	16421500194e90b917898fdcd1a3b3 879bc51bf266c3c3450eadbb1aa9046 d3d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/L ogoutButton.swift	2	2c5e4b6a0d74dd0e0c9951da051076 30577f9a811616e874580482be7f20 50fc
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/MemberMenuCell.swift	1	4b8dc10ba5256b81e064d59a14d5a4 8cbd521de6a4a57ea09cef0ed878f29f ca
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/MemberMessageBox.swift	3	2da11e7bcae1ab158cc67611d70e28 72192445a6a4b31b486e7dd8b79842 f791
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/MemberMessageBox.xib	18	ac5cb82a15e9d39602204d12edb5ac 92ddffad9b9aa9130401508346b25df 3d0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	13	e9bdb42da04bfb2e5bc276c2a50278e



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o_tvOS/HamiVideo_tvOS/View/MemberArea/ MemberMessageView.swift		506f427d2a111214ce352de726611c 1cb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/ MemberMessageView.xib	8	6d31d5eb4e8b1f9631a08fbf101e5c4 230a0e48a49dd92f7ea252deed3328 e4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/ MemberMessageViewCell.swift	2	f360fe323d0dcc10cb6e54cd542cf17a d161f7045a40583d8500378aebc33f3 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/MemberMessageViewCell.xib	12	6c92541a6e833f82580ec5f3fe10992 bbb10a124254f7ed5cca59f7e133fd3 39
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/ MoreProductQRCodeView.swift	2	2d8d3954bcec49841d66ef5faac6057 c38cbd5c6a8c93234c6375db377a9ca 20
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/ MoreProductQRCodeView.xib	9	3ca17a1e66109601ed917f98d83290 59e50b5dd7f11e427b486b83b79603 62b2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/O rderHistoryBox.swift	4	3c903fa6f8c24c17aa8256f899a0aba5 37f2211c5a4727ce5ff59664e4a18a3 8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/OrderHistoryBox.xib	15	81a6ef21a364976304b3b3b53ace41c 8efd4292da930f823de32b3a25710ec 4d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/OrderHistoryView.swift	14	7f6d22aed8561ea3d61724b807f6a25 c7d9865409a210969b7e9472d44846 7a4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/O rderHistoryView.xib	8	816eb713c0fd62b6d8adde84553cbe9 0e7bba92b65d6193bc94da3f609db0f 1c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/OrderSingleViewCell.swift	2	0c5173207d07102601b2859c373acfc 6f8eacd5538845523d39f2cc23bd63f d1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/OrderSingleViewCell.xib	13	469bacd6d39dd098281dc6f087cc4e6 72df152ba8652e5b28a26cc462f0eee 37
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P ageTagOption.swift	1	3316e415e1afe49ab0068f04affacbce db01cf5468a82211ca94378692e35e 4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/PageTagOption.xib	5	13da54d5c5efe5058b640953fe6f5fc5 06d5c97e8fbe84a76ab0e56fab696b2 0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P layRecordsView.swift	12	32fe1a985c490ce8ff544f94adc91e1e d5a39e7414b9e8582fc3bf041ea3a45 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P layRecordsView.xib	14	f162746b4d2921d980416dd3706650 0f7790140fb9f81ff54fc80a2933c2bd8 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P layRecordsViewCell.swift	4	305caa048084ede56dec211e06e429 e171b0e60f79023551db809e805f1e6 5b1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P layRecordsViewCell.xib	15	388633e832fd8259776e77e9f041f83 1acc8afcffd4b96df708122d10c4e59b a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P	5	665a3869859a83ef09cb09cae8a1fc0 6e9fde22b22152142b6e3c68a598cdd



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referentialExchangeBox.swift		04	4500
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P referentialExchangeBox.xib	9	f715367d0e13cd6e6 0bf7c2f462a8ff204fl	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P referentialExchangeBoxCell.swift	1	a84fbb4aba6195bfd 209a4ed0422c5e12 97	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P referentialExchangeBoxCell.xib	6	fe3a14fe30ed19433 8170ad590c64c1ef7 5	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P referentialExchangeView.swift	11	68fe275abd46fcc96 cfd2785e9f31bbcb7	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/PreferentialExchangeView.xib	12	9688fe207a2a916bc 63beefbe0f75a58c5c 43	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/PreferentialExchangeViewCell.swift	2	c6fc91c10ef4494c41 44ef8dd2baae48004 1	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/P referentialExchangeViewCell.xib	12	c960264d5cac63d52 67e36679d696c001 3fd9	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SubPageTagOption.swift	2	e110fe4e764b2993c 97b53a5cc6239218c 4a	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SubPageTagOption.xib	4	feb2da2056a30eede 7f6d2259d6f5badfd d6	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SubscriptionViewCell.swift	2	80848bcacdca90effa 716cf846f211c5576 4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SubscriptionViewCell.xib	14	aafd738d106cb7e32 789385983a63f3a70 29	2 OSAA W 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SystemInfoCell.swift	1	fa629451c41cf6c6ch 432b87e6ccff6737c4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SystemInfoCell.xib	5	fb37bd89388bd9de9 6bcb5e0a006b7f20a 6a8	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SystemInfoView.swift	4	c7542733f1402d990 7b53c80aa61734c59 d28	1988, W 76 'Y, 10
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SystemInfoView.xib	5	17403254f797f7daa 00e6e3e0b674641e f8b	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SystemSettingContentCell.swift	1	b586fadd51118b035 5f5a3eb04ab83862d 42	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/S ystemSettingContentCell.xib	13	4a5fbb6708219a1e1 38f030adc47598d55 a8	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/SystemSettingHeaderCell.swift	1	5d843294b234d273 06e2ff858c2c27e09 bcb	



HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/S ystemSettingHeaderCell.xib	5	dcfcc5d0f0937c29a827c568b0d01b7 eb6bca3f4cf57996db58533bbda9394 b4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/S ystemSettingView.swift	16	a070adc01261c3b9b5a7e635cf88099 7e2c6ef432ae364fdab0e60a24aacf31 f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/S ystemSettingView.xib	7	f64b0fc1fdb445855129462bae31012 6c73a8ee65a0d45745e797077b490f 40f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/T icketCell.swift	4	f6937bed8f331d3020c580fbc790b20 4a9a47bcc44b94abf722ab379c2a71a ca
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/T icketCell.xib	10	b86aec0903cf35e6af5278a4edb43b6f 6ca44ec2f49c49e33d87f1608213586 6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/T icketsView.swift	17	4de5b85e718b4520a42f262bd0aa16 d1e645412144966a4bfcecf30d3cc3b c4b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/MemberArea/T icketsView.xib	12	6aa57a7803e2281821d11b45dce233 13f4b35a1b9616b6fb03bc07ab0a4a2 1d6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/CloseBut ton.swift	2	d719a9598df5af081739e6f8c4973b3 332fa3ef2c8ea94d487159f4c7fe75bfc
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/LeftSide Menu.swift	13	fa6b0e8bc475675157491e77ec3d20 37b872a1242fb3212f2d9c3e0b4c746 544
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/LoginBut ton.swift	2	e6a0bd3e03040a69445c4628b906c1 a78b6be97eebac21e21c7a0592940d ae8a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/MenuCel I.swift	2	0d3ff3a5fb102e0333c359ab696ec44 8b6de799899287a40b7791df9c8fa39 4e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/MenuCel l.xib	5	18ab8c25aac18df3b9cba926b126d0e 736300fa9b38414b82dbce9c304614 31c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/MenuIco nCell.swift	1	b43d5e3c9972e23dd383305bee365e 537a540877289a7d2179137a5dbe14 0a9b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/MenuVie w.swift	12	79b3f810e37c77d3c37504157f99649 9cdab01078788d04fb10ed2c75f4f19 5a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/MenuVie w.xib	23	9a87d6f1839f63ff5929aafb5ac7fb215 9a7f140a41dc33f9c86cbd3b9bf4a4d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/MovieHe aderCell.swift	2	d88c254adc50f70294cc1105127c800 b9261b044feb5c57f6fe901f2d8f7f2e6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Menu/UserButt on.swift	10	ed6c8d0ce873a22e049757bcf05f0a7f d80e1bae6dbb026c36e248bf69c06aa 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/AdsList View.swift	8	aa0812ec9f9b13a84867d6826a7999 125d4f650187c696085c030693873c 3df8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	9	dea297909ec5706e4ef5ae924a261cb



o_tvOS/HamiVideo_tvOS/View/Popup/AdsList View.xib		d0508f6d28fa1ec702a0659514bace5 b8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/AdsVie wCell.swift	1	2e59efb6ba6a8171e7f1c526cd3a8aa 1496bf21852e72674962c3fad719ac4 9a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/AdsVie wCell.xib	3	13c723e8ddaf253d154d4955f1a270b 3ff72211f6e5a8625b261d3343747fc0 c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/DeviceC ell.swift	2	57c24d8deaab4f06470f59d02e654c6 0bb8dfc9a698752f01bb0cf41434e66f b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/DeviceC ell.xib	7	9237140cb6b3223c0c89b231cf4e373 a1f85769e0f73740eb37645cfa8e0d7 6d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/DeviceListView.swift	7	15d372381c0df8a3211e8085adb9c3 b79fc3db86a11dce730dfd008c9cba4 92e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/DeviceListView.xib	8	da4a618d09c028d38389f406ab07a5 b7998089a6926baa88d7fcff49958d4f cc
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/LoginRe mindAlert.swift	2	e61f262e0b748e7b8ebd95fdf8fc7b39 39d58f1bcf367e17f5800e763d8dbd8 d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/LoginRe mindAlert.xib	3	e18b3583cf016d5723708cf0a0a2965 fbc91e3635b024cf9110e6d0cfe9e9c9 d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/LoginVi ew.swift	6	c077ecf5696b80ea121d92f83c4be44 0bd18fc063bcc373bb90ddb8378eaf2 6e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/LoginView.xib	18	f48efdfafc083458c8f5408b65cb49aa 01318b991f54f984c370125a3d7474c f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/Messag eListView.swift	3	92b7501b2b35feb98a7b397eab0839 cd7ffc18f41ce5608cc6824c3956aa1d 5b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/Messag eListView.xib	8	82a4636b0d993a6bca76cea3713ea5 215815bd3aa78b0207cb4617dad62a 4987
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/Messag eListViewCell.swift	2	c72b1698bcb9a860649844710e556f 50ac6c24b897a77edd9c73241e47cd be38
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/Messag eListViewCell.xib	13	68c662954b795a550e4249716e71c0 6c8cef9005875d68f5544f222316c19 11a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/QRCode PopView.swift	8	10a2e6dd4ca689374921ccaa9f69219 81cd3554c6d13c9bb99c457a2f706ad 30
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/QRCode PopView.xib	7	8fae28b2329dce630807d65bfc539cc e3aa11dfe5e46ed6b11afb2a25efc063 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/Update LoginViewAlert.swift	5	74972bff4063cec0827947279575778 ebbf9fca4a7d61034bf0c1e3dd6dbcbf e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/Popup/Update	11	329782827bf41e90373ecc4fd6eea1e 060f2ac55cf56a11a416074fb99b557



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LoginViewAlert.xib		0d	15 PM
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/ProgrameButto n.swift	1	500e6cf55f882dd7d7de 5e89a162384b7d2112 c09	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/SearchResult/ KeywordCell.swift	2	0b073d63098124d284d284d25b4c96d9799917723d3c30	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/SearchResult/KeywordView.swift	4	6846abeaed0827d7902 5be76fef806575e20dff 96	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/SearchResult/ SearchCategoryCell.swift	2	3c699fc50335f271dfa6 3bcf5bcf2470977cd613 04	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/SearchResult/SearchResultView.swift	14	c5d6ba0835df756ae20 3ee4c5eba9a00bf7e12 5c	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/SearchResult/SortFactorCell.swift	2	44d4d41dd602388e523 0b8a373c3993c045ab5 c596	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/BookMarkStackView.swift	1	7a8198d48910cbe1314 cdd3229dcb1d0ebfef22 979	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/ContentInfoCell.swift	2	5590c3f25cfa2cff4a878 0377980b444f66ac941 4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/ContentInfoCell.xib	9	2054050947b101437cf b51ba6307e640f60cbf3	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/ContentInfoView.swift	7	4a97ff7fb1ef771444ffe 868c3ea6a1b59fdd17fd	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/ContentInfoView.xib	4	9ea07d78a8b2c575e3c eb119be5b1bf0c1c336 01d	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/DescriptionView.swift	2	0a27f49711fa5a2013e: 95c0c72d6bb8e315a4b 77	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/DescriptionView.xib	8	7fe9b3533786cf0ae33l 99467d7204d08594cc0 ea2	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/DirectorActorCell.swift	4	72e5ffde9eb14748194a 61e67481908ac0c51dc e5	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/DirectorActorCell.xib	6	466468fcb29bcb97d95 d4e800b1a8a2a60d2db 9d7	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/DirectorActorNameCell.swift	2	9e1f8d8a8a2b3a65c17 99de5e6ff9d634a3b649 bb	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/DirectorActorNameCell.xib	5	fdc48e5a285a906c7e0 8570bc25e331655ffd68 2c	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/IntroduceFuncStackView.swift	5	41e07c01bd611dec055 ca2c077406b92a37b6a 3e	
-A 1019 -A 1019			



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/ShopStackView.swift	4	38656faa4ac0806124fd19bbc4c52b6 796f4eb8829d5e7a918f264d200efde c9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/VideoBannerCell.swift	27	040097797c3bc60a4c661f3fb42a336 2d9fe7efd17c69a8b07fe1dd5380940 a6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/VideoBannerCell.xib	76	fe69304ab65aa3bc1596e6f4b479525 735cf59dbcac00e3dec3ddeb5f5e901 65
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/View/VideoIntroduc e/VideoBannerCellProtocol.swift	1	4317bbef0f94fb10d7b4ba99c016c72 612e255e5a2e984799ebd9dc4ab0bd b17
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS/ViewController.swift	6	6e58e8bfc4c20a797d2b54d6993712c 66748378e6ba8fd0899df29ab194fae ef
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/HamiVideo_tvOS_simulator copy-Info.plist	2	b575fce5c34f7c80014248e079251f9 a14202a41e7ce88175e3f87edcd44b5 c9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Podfile.lock	3	2edeac7d69216a20306eb3e42a2567 ec5a0ece19f673bbbc05ea0acce1871 582
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/ANSCompatibility.h	1	16db47915ae34dff6ec91ef9262a225 630528b7604829d092d583e98db369 8cf
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/Answers.h	12	44f1207f84c92175236ae6ff5f52ce8d 15134b7861f7b35bf8288955ba66dda 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/CLSAttributes.h	1	6e4ac01b4324722fecb2536c31395b6 0b0e353fd730e52c7e609063cbb429f a0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/CLSLogging.h	3	d246165f20b109b0af4f84d93ae4bd7 928575e4ee8fa698c7431eb7f24fe4b 3e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/CLSReport.h	4	b6fdceeb62f42c4c98bb829d2133303 60909d77e57fb61b2fd76a70f401688 c8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/CLSStackFrame.h	2	c3a579802b3ac15cdac93061b4b94ce 5b5f6f2db726b054f3ad572f47ee692 b2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Headers/Crashlytics.h	13	2e6131eb6f4418e4c9fbcae56ae3deb b0c940b3d56359f0691427232149af0 da
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Crashlytics/tvOS/Crashlytics.fra mework/Info.plist	1	46917ed6f945620b9d26f775fce6d4d 372abad2006bed018f5967f70f4d00f de
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Fabric/tvOS/Fabric.framework/H eaders/FABAttributes.h	2	5df9041f216c34bb0eeb7787378f383 069a5c69de6befecc2dd6f4758b1bdd 21
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Fabric/tvOS/Fabric.framework/H eaders/Fabric.h	3	e1d4681d5aacca98a662f4d9ae057f7 eaa9d7a579dbe276bc21ce3f8b8691c 98
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Fabric/tvOS/Fabric.framework/I nfo.plist	1	2310af2b8ea3c1e5be2842a4b281bac 79eb2dba09d4215dde0be20d7c707c bd6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	3	5ea44defacbd69a30316645bc33e716



o_tvOS/Pods/Firebase/CoreOnly/Sources/Firebase.h		f8e922de4f10874d3bee45916bc0069 6e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRAnalyticsConfiguration.h	3	b49b0c00b109732012b01b17eabe72 92f6b7e044cbe0322bc6febe80cc189 37a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRAnalyticsConfiguration.m	3	ae619c31c1037885fb60250ab35f54a b8a91841e4b49c676268bfbef5ef3b1 0d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRApp.m	32	f9878d7699f4700657946b57541949 3ec38c677d694ab924358757a5ad37 613a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRAppAssociationRegistration.h	3	a1b7e585b8356234d4a89a13111f74f 8592d85a83921b86d04357c57f905c 144
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRAppAssociationRegistration.m	2	67bdbc26615e4cfbf18229e608a6021 0f18aecd2fecd3195248f8aff969aa07 3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRBundleUtil.h	2	78d6acf8dc674299a58a4f097d1a426 f29386f12c7cb6088675dcc864ed8b7 b6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRBundleUtil.m	3	c60e260c7e6de30c4865588a736acd 7e1225ae8caf1650318e9ebca60d2e2 e53
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRComponent.m	3	0ebe6cff654db4a02eb6add31674d29 a39db2ab8136a63636eb41054b554d d8c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRComponentContainer.m	8	f05247cc8c4893ffc90c13a077049221 fc53af0be014677aace68a38a9b7510 4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRComponentContainerInternal.h	2	1749311bdac7d24c2b3ae595c3c4b2 bf6cc89b51c5a41fa35aa3fbf399c070 7a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRComponentType.m	101	0bdc5e8d46f62a81969bbf69e152c69 8f21208e7e3c247bff0aaa8f0f8a5701 c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRConfiguration.m	2	39090846418f7246f443fde06b9ff8bf c0d68796284ba804b106a639f57b66 df
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRConfigurationInternal.h	1	316ce62bf88916843dd5a839a54e03 e184db98a94823d5f5c34ce04cec193 bae
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRCoreDiagnosticsConnector.m	3	0d1a7edf9edf9b99d4b8eb195a945a7 247e22f41078a1cecfaddaeac255b81 5a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRDependency.m	2	1ec86106a0e28ddb59f771ac0cad229 b3429159deeaa85433dd54a2826ca0 c3d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRDiagnosticsData.h	2	aaf27d24481a658a050e1b8eb5d868f 97ba64c354de333fb7df156bd612642 07
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/FIRDiagnosticsData.m	3	7be58e8a0d64ec993fbce889b9373b2 861db3060b775f79cdf03aee4ad1d45 dc
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	ffb604b541ad46d30000f5e262b96fa b9283cb9e448011b88bff75f2c3d51d



ces/FIRFirebaseUserAgent.h		58	
HamiVideo tvOS 20210913 v2.2.5/HamiVide		8d91e6c409ebad6ae39ed490c67	ec9
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	4	798ff898f4035756624f022d4db5	566
ces/FIRFirebaseUserAgent.m		c11	
HamiVideo tvOS 20210913 v2.2.5/HamiVide	Ch. Ch.	4f99137d3c373032f8356e54892b	.36d
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	4	379ee1d11057c247a7ffca567e07	
ces/FIRHeartbeatInfo.m	900	8a	Juo
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		238b31188b7549f268e33a032c1	740
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	7	2176f8415d72c8267afca2dec790	
	/	759	043
ces/FIRLogger.m	1	99 . V . a	F06
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	11 PE	9258de535ab909b799edae8fd5a	
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	17	91baf3a7ff941bba48741f90a08d6	opra
ces/FIROptions.m	# N. B	ea	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		ce09fa9dad104c5aca7368e7db7a	
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	1acdf480d4be82425ab143ca3823	3694
ces/FIRVersion.m		25	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		52eb724be41242d28d8e6485d9a	ı8da
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	6	eee122cb33497f78afc38e2078a9	776
ces/Private/FIRAppInternal.h		3ee	
HamiVideo tvOS 20210913 v2.2.5/HamiVide	132 11 11	f0be19dedc8ade64c8632b8598ad	10e0
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	4	cc5fd013236a9ea9885d8e53c0d4	c24
ces/Private/FIRComponent.h		11	
HamiVideo tvOS 20210913 v2.2.5/HamiVide		b6350e26d527766b866225d0167	7h92
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	8c60023c1c8efdb0d1f887e560fb0	
ces/Private/FIRComponentContainer.h	۷	c7	1031
HamiVideo tvOS 20210913 v2.2.5/HamiVide	vi	33e3ef7c5aa0f3ce99cd95da3b75	20
1 10 10 10 10 10 10 10 10 10 10 10 10 10	- 5 <sup>(2)</sup>		
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	0ffa77c79602ba78d724343428b1	.u/u
ces/Private/FIRComponentType.h		f0	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	M. W.	31ba97d274f82c7fe27d9ee3ea4fd	c9ef
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	<b>1</b>	f58482f93726c4c24f61c0e0d7cd7	<sup>7</sup> 650
ces/Private/FIRCoreDiagnosticsConnector.h			
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		d3e0145114908ca8a936258b933	
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	9fcdc838edfe4a59375a76bb6cacl	oc26
ces/Private/FIRDependency.h		b9	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		e757ff0c90da5d92649f54b09f6a2	247e
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	4d260259f7b021b6904616589c0	cd4
ces/Private/FirebaseCoreInternal.h		ce	
HamiVideo tvOS 20210913 v2.2.5/HamiVide		a4b895a5796329a55452dad7b2b	3af
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	c868a6560b0199071287c7c480a	325f
ces/Private/FIRHeartbeatInfo.h		20b	
HamiVideo tvOS 20210913 v2.2.5/HamiVide		212bfee71cdd65b5ba90b48cd522	)3e3
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	adf03109487e165ab7f911e87e37	
ces/Private/FIRLibrary.h	111 100	47	010
HamiVideo tvOS 20210913 v2.2.5/HamiVide	- 22 R	d828787bcc239d4e82251d4e77d	000
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	6	fc4232d001e4404c80438c1ca07e	
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ces/Private/FIRLogger.h			
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	4	59a49eab903589059c64e084d4e	
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	4	7c699ca2b00a9a9c91af340d2928	stau
ces/Private/FIROptionsInternal.h	- 1	759	S.
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		394c945c1e731fbccf4805d5a789	2dd
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	5	aaf773fe07e0c28eca81db33eaf7b	
ces/Public/FirebaseCore/FIRApp.h	0 10 2	dair, Jico, coczoccao i ab Jedi / L	, 1101
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		86014c588722d7f1c5d584fa6815	106
o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour	2	41e38c2537f2708bc62359f0d738	b92
ces/Public/FirebaseCore/FIRConfiguration.h		d2	
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/Public/FirebaseCore/FirebaseCore.h	1	2c64359c5dea8e855290090a03025c 3647eb482aa70e6110ffa3413c70a0d 548
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/Public/FirebaseCore/FIRLoggerLevel.h	2	a52fdf18260fd95d31fb00c22d367ef0 340bacef09cbb3b25381a05742e5990 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/Public/FirebaseCore/FIROptions.h	5	5bdebbcd52ab03e8a474a7d70030ed e4fa6da4490a3a32ba33c6770854c5d 250
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/FirebaseCore/Sour ces/Public/FirebaseCore/FIRVersion.h	18	346f63df1fbb7a868d21b5650f073e8 3449eaadde90ac40102d4d9b25c7aff 18
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/Interop/CoreDiagn ostics/Public/FIRCoreDiagnosticsData.h	2	d184a23ab826204a51d7708b510451 505a5b8626cd283cebdd41ebc84dc0 54c3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCore/Interop/CoreDiagn ostics/Public/FIRCoreDiagnosticsInterop.h	2	7f56f29bb9138c958e1f0341440ae7fd 3ac3e1da54e97ca4b50cc7c387d4b22 d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCoreDiagnostics/Firebas e/CoreDiagnostics/FIRCDLibrary/FIRCoreDiag nostics.m	22	ee24d9710107af77bc11641a7fb5a8f b7310a71c5ac3940da4b12ea3c5438 cf8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCoreDiagnostics/Firebas e/CoreDiagnostics/FIRCDLibrary/Protogen/nan opb/firebasecore.nanopb.c	4	b93ed812b7479cbcdcca5cafbf9d630e ba6796c53911fe4357765d100d8fc8e 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCoreDiagnostics/Firebas e/CoreDiagnostics/FIRCDLibrary/Protogen/nan opb/firebasecore.nanopb.h	13	cf0787833ddd86ca4c79e7b68ab0978 833ff3afb46e99db957217033555e90 00
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCoreDiagnostics/Firebas e/CoreDiagnostics/FIRCDLibrary/Public/FIRCor eDiagnostics.h	1	11ea16521f93acaa82edfe9f2cc93e65 a549cf2a642e81268bc8833f81fbd46 0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCoreDiagnostics/Interop /CoreDiagnostics/Public/FIRCoreDiagnosticsDa ta.h	2	d184a23ab826204a51d7708b510451 505a5b8626cd283cebdd41ebc84dc0 54c3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCoreDiagnostics/Interop/CoreDiagnostics/Public/FIRCoreDiagnosticsInterop.h	2	7f56f29bb9138c958e1f0341440ae7fd 3ac3e1da54e97ca4b50cc7c387d4b22 d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Components/FIRCLSApplication.h	3	e337d05dc408dc80255b3acc72d0f62 91cf5d5032f8651d55447ab7e5b77d1 ba
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSApplication.m	8	cdd63bfa171a151ea01d08d2e5899e 801f0ebb90c5d910303e52acdb1c5e6 36e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSBinaryImage.	3	d7533ec8595c96405eac1ad1e115f80 a7493fe8816ea7b9146f59c41234825 36
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSBinaryImage.	20	91eec2895fd66938030e32589b0ab0f 9a65d68214e17650753d4a75332388 4ac
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSContext.h	4	216c17b18faf40a4d7a1951460365d1 c1e8baab0d807eb30095893c084708f 78
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSContext.m	19	a735ff79452685f7c9f726c3c397808f 87800720978718a18931bd2a667b9a 2c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSCrashedMarke rFile.c	2	90bcd9df28c0af670ef4e54c6d5efa75 78348e3ee313353255ce75e48f6590 1b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSCrashedMarke rFile.h	1	2c11d17fead3b0f53cdfcd8faba428aa 27fa143f260f3d6aaf7e8ec893e7d38b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSGlobals.h	2	c39eca21d5056f124af174f3aaf4ad6c 37f01d2548874c1c4bcd36564ae3942 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Components/FIRCLSHost.h	2	4d53e575dac1b928b21f75f1b2a8047 a1d5f48d419be79506be73183146b7 b91
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Components/FIRCLSHost.m	7	33ff1ac1e238a78891391e638954da4 420b110070d1e7256af9e0c6bc6605 2b6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Components/FIRCLSProcess.c	29	39baa941010208acea282e06bde1f9e 2b8cbe5ad0f3cd4560f2162d98998f6 2c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSProcess.h	2	69fd7aaf249741e61135bea8a0a99ac 178044cab8c3136e6401071f911033c 90
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Components/FIRCLSUserLogging.h	4	d0f987059d8df9d0124d4e18dac0d1d 69f830345b1fb3c26a7410156f364e2 04
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSUserLogging. m	20	ee793f0a09b214b4ed09aca8965d85 0bc65149a7729efe7ef3188fbbfed546 f3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Controllers/FIRCLSAnalyticsManager.h	2	c4cc862f8bfabb862c8595b8e2918d8 106560e8078f8d8e9bbad1a1300105 655
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSAnalyticsManag er.m	5	66f50c91283e15d717e26f5cde2f860 edd5a6b1b440a10677ff4d257db02cb 6d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSExistingReport Manager.h	4	09150eb9cce2c398651d0b3aee451e 2bd8702dd51dadd00ab2a996feb133 3bbd
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSExistingReport Manager.m	9	0f7c2f3265f269c2d2c7385f7bb7a386 30fce4096caf4b0c28523e1aa4baa08f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Controllers/FIRCLSManagerData.h	4	fa6c9c2ebf53f522a4e6502a05c1365e ccf01f76dfdeb1f1f680a1e78e1e1881
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	3	184be02df5800696fcf94ca8ac1989ec

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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSNotificationMan ager.h	1	0e69bf4d1dbaae2bbf762358f599207 44cafd695f20681bc85f7ab48baff69a e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Controllers/FIRCLSNotificationMan ager.m	5	8d76ecc55fe3207688512132f44a11a 13557fe0a84c16c5e97abab077d3a0e e6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Controllers/FIRCLSReportManager. h	2	f82f65d1016a90d32840d5fc001bf08 0523669cb055ea75ab4fb106a5a15b 6b2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Controllers/FIRCLSReportManager. m	18	bb72e3e2b53960d3b47fc257d20fbaa e975db00cbf8f360196d18ecf9c6953 28
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSReportManager _Private.h	2	be2c5ddfa26f2d6e93e17efe18c917df b2cb34d87934c41dcb8a9fc601b2c93 c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Controllers/FIRCLSReportUploader .h	2	5133c28c5a79552d06102c621f8d71 524e3233e778e03f4002913fe6f78fd 498
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSReportUploader .m	9	e198a0e8bb41a8bffe69f2e511b97b2 905980a811d1494f5b64d614d20a5a 5a6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Controllers/FIRCLSReportUploader _Private.h	1	6cd848aec0b8525a9cc260b0754824 dab90eee219aebd91feb68e6920e63 9b13
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/DataCollection/FIRCLSDataCollectionArbiter.m	6	c8789ab66f3dc3bab003b058c5a97a7 ee953b93b1f44099a8359a15d98a24 4a3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/DataCollection/FIRCLSDataCollectionToken.h	2	e74afcdfbe831d006f81b5dd8e1ddde a7ce967b1a352bc4b51307b3d557f8f 71
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/DataCollection/FIRCLSDataCollectionToken.m	1	471853fb3e5976404ce1ef86930c425 17b8a22a61f6cc794a9957ef59fd6a6 1b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/FIRCLSUserDefaults/FIRCLSUserD efaults.h	2	18e8e9f30740fe77d2e3b168e7d2172 895916d6af9f72c15787ea2cd0fcec2c 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/	13	d659891130594850ee458cbc74966c b4f7e296a185b24fbfe81d9dd2e40ae

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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/FIRCLSUserDefaults_private.h	1	c3ae1b6b2a56c3e59dea74cc7a442eb ffa92c64fda15098cc9e8c8afcff57801
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/	14	a2e4700c55c0bf3a93becd327ee4575 beb651c119dd3ad963dbf66b6af2f9e 37
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/FIRCrashlyticsReport.m	7	dbd7107064c069ad51f00c62a32d2df a15f07702572737a778a6b847bd9a4 488
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Handlers/FIRCLSSignal.c	10	db7c761b53fd05450fdf65773a7003d 81edef3d753fb6c2f395611f8eed1338 e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Handlers/FIRCLSSignal.h	2	25a2f5a9939ab483bb4cf353a704109 fba62644296656f8fef6f9f8ae89e85ec
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSAllocate.h	2	d1d095b77c3ba33cd26a7d2cb71becf 1b8b37b47c4353af3f9f3d74086f929c 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSDefines.h	3	bf59976a1159e37724fcc586ed76816 67963c0b7233abccbba16329ebc64a b5c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSFeatures.h	2	6cae0c84542e9ccdfbb25c8c48f4781e 7e4ccafb9a480b3672158e7da41f741 8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSFile.h	5	ef2f626a196653361c484cf18c2d593 def25887d3dd6aadacd5065f529d47c 8a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	21	5e521fb31f850be9ff936f4eba7db39c



o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Helpers/FIRCLSFile.m	- 1	0f9a3c4116b8bdb70065b5ba0d6637 ab
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSInternalLogging.c	4	9f60078b990a1a0d44d05cfff7645bdd 7237dbe7f8fc929fd606ff2cef1fc601
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSInternalLogging.h	3	10d8754db36ba4ffba35c3d66047f54 abd1bb0746e4e12b58d1438bc29c20 35d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Helpers/FIRCLSLogger.h	1	9b2a47918ad4ffb225d36ebb103b105 3e5ecc7e0db560defe7b96922e75a75 21
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSLogger.m	2	119d0216ae30a19ba811c39bdd50fca e683583e7abc8a92511bad9ef9a7be0 af
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSProfiling.c	2	7e331fa41897804a6905cd8fe23a7dc cb649a7c120cd492cfa36ee3084f8fc8 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Helpers/FIRCLSProfiling.h	1	b032b00789131948a0db8cbf2ffc606 85753c3b340ead8f431decca4ecb30e 18
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSThreadState.h	3	c1e29b88663cf975967f2860673d6fb 09ce647e245bd268aaef5fb4bff86812 e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Helpers/FIRCLSUtility.h	2	bd5033f4be1380ce1618c4c3ec87dbc 717aab1e71480bbb634fd0731bff4ed 84
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Helpers/FIRCLSUtility.m	7	2b5943942a63d7efc191d877120f5f7 ac5ed7a418b522ca4aecd04f2dd1436 14
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/FIRCLSExecutionIdentifier Model.m	2	bebb8f541f6082aa725c8c76a595159 806abd9e3db9d15f2ca44814ca98177 ea
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSFileManager.h	3	8f086eaf29c6387752909df87cf994bf 7d0d4c751fcb459032455b5695194e 32
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSFileManager.m	8	d334f2f4e8ed87173f6427e2caf98173 fd3f351b162ead9fb2c48df2f93a43a4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/FIRCLSInstallIdentifierMod el.h	2	893c8860c0e63263f9a458ea785e73 2561b81417c203136944717ec419d7 e840
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/FIRCLSInstallIdentifierMod el.m	6	9b17b54c9451c54e892f3ea8e1f7f81 d58a7d388944774f487d5c18756d58 2fd
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	4	f2c11153acca37cfbe2699256028b06



o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSInternalReport.h		ddb339763eb8cf90a927e201d353d8 03e
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/FIRCLSLaunchMarkerModel .m	3	4d396645cb20ab27f9e8b0ea412ebb 53b7c6630788020d52a2359c39683b 7cf5
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSSettings.m	9	b946422ff6cc06eea35aec572b4791fa 317f98928728e169ebca11f4bed1f26 4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSSymbolResolver.h	1	d648f42ed1cfef2affa9475322f8911df 1aab2df12a18e754f18d8bc36769959
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/Record/FIRCLSRecordAppli cation.h	1	a807932c70ff0fa2a80434c5094b8a5 351196268585e03b41dcd013247032 0c9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/Record/FIRCLSRecordAppli cation.m	1	29753850182eef306c7d5dc2d6c900f 2191aca1bfff01bdaa712cec145a49d9 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/Record/FIRCLSRecordBase .h	2	2748ab6788a701e43c264a66a4182c 6950a8fd49998376dbc1c0d9255635 a30a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/Record/FIRCLSRecordBase .m	1	18b761807f8a41116e07b3387379e5 db0201e3e0e9215b39377695486284 ac91
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/Record/FIRCLSRecordHost.m	1	0d8933d76312b421e88d1b3c7d2fd3 59993c73f2e4525211ce728c9857172 f4e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/Record/FIRCLSRecordIdent ity.h	1,	93b1617fe3ac6f26a3531a0a91487dc 7fe3a75ea07ff1620e9e4a6667c4dd4 5c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Models/Record/FIRCLSRecordIdent	1	168addd148f6f4c5c0601b007ed1fc4d 737e6b43d4f974d8f5db4073c9cf450 3
A3 7 8 A3 7 8		A 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Models/Record/FIRCLSReporter.h	ytics/	2	09ebe6023af2a5ce5b 9905f8994672ce0a5c 3	
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HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Operations/FIRCLSAsyncOpe.h	ytics/	1	0f40ad604380110909 1b9527a0774aac232 72	
HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Operations/FIRCLSAsyncOpe.m	ytics/	3	9f2c7aa38205c36533 141121a219ccf307e4 888	
HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Operations/FIRCLSAsyncOpe _Private.h	ytics/	1	e6ddae56698a18e91 2f01153ca5d0262a69 373d	
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HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Operations/Reports/FIRCLSFsReportOperation.m	ytics/	4	3140e5cb4f29e028af 43d446907583f04efa 2d	
HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Operations/Symbolication/FI DemangleOperation.h	ytics/	1	a3f293cd3f3f6ae511e 30da0053ecac27f1e3 0	
HamiVideo_tvOS_20210913_v2.2.5/Har o_tvOS/Pods/FirebaseCrashlytics/Crashl Crashlytics/Operations/Symbolication/FI SerializeSymbolicatedFramesOperation.	ytics/ IRCLS	1	e44f04e51855a33242 25a0e305c32d5070d 786	
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Operations/Symbolication/FIRCLS ThreadArrayOperation.m	1	420b4f81b8904ea70f05dbed1443ad2 4de6d7732e1f675774140419bf6145 903
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Private/FIRCLSExistingReportManager_Private.h	2	a79b8276b5365e7c7e2300ad7dfd66 2cfdbec3ed16e398fbf1c1126f47d022 39
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Private/FIRCrashlyticsReport_Private.h	2	2f8a303e381dbebc556eb998886931 7129bae373121c84ecbffdf95f18d2d2 8c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Private/FIRExceptionModel_Private .h	1	1050720b9f8a1b6307055a2a464146 0bb8b48414401ee2c0d448a63645c1 e262
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Private/FIRStackFrame_Private.h	2	a854e21fa4c69e934890dbd9feb2b28 3b5b911837e1c6cf462ddc37f757120 19
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Public/FirebaseCrashlytics/FIRCrashlytics.h	10	63b4520c6746ef3f09c22384ae4bf36 9825fba06b33c816ae644f7c66fc679 82
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Public/FirebaseCrashlytics/FIRCrashlyticsReport.h	4	33950a54d2118927dbd95ed9616582 793c1ebb7720d038d14d497c988642 fef1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Public/FirebaseCrashlytics/FirebaseCrashlytics.h	1	18c2514054fe0a4dc68c9814d66652f 18ba67c47662718f7a2fb18a1dd732e e0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Public/FirebaseCrashlytics/FIRExce ptionModel.h	2	3fdd9e49c843f239cccc50dc5f1bb74b f8ecb82daefad100284354a830c3151 e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Public/FirebaseCrashlytics/FIRStac kFrame.h	3	2153c686cb4209af710b40da282fa6b b8873e4641bc12f16c9784817cc28a9 ce
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Settings/FIRCLSSettingsManager. h	2	f29bb8f27351307fd6db8e774158649 68cbc5dfa10b27002f3ed3d62a84d56 f3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Settings/FIRCLSSettingsManager. m	6	99d0fdb41dce930e042bc8c1c4f5aaef b1934ab0b0408fd7453936c985c54c9 d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Settings/Models/FIRCLSApplication IdentifierModel.h	3	8d2d9655fe44b2f43895a37dd66473 07d911dac683c2adff18a9f6d991627 ea9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Settings/Models/FIRCLSApplication IdentifierModel.m	4	cc5095f07c6b09c4d62c411da6e915c c8d20f868bf12768f3c26d7f197cdfaa e
T 2 1/5/E) 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Settings/Operations/FIRCLSDownl oadAndSaveSettingsOperation.h	4	95cd703373c6de96bfb68e82396578 253ec0b422f8afcc0ea9a950daff68bc 38
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Settings/Operations/FIRCLSDownloadAndSaveSettingsOperation.m	6	8cba436cd6bced7192cb1dac7b04e3b 8b957af2a1461bbbe877e6d0a0c96f0 d9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Settings/Operations/FIRCLSNetworkOperation.h	2	5ec80b15edfe83bd4ad2d9663fcafee1 e79c46fb176bf3cae25970544d8caa2 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Settings/Operations/FIRCLSNetwo rkOperation.m	4	bc2915602c2014716d5232f0b228be 9da3d54b6d9c43a8542e70520f876f9 b33
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Compact/FIRCLSCompact Unwind.c	13	a9ec041a94a02537ce0757ff9f82b89 5ea4dc0728beb2bd535f48b8e9cba13 c1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Compact/FIRCLSCompact Unwind.h	3	43be9f5820e9e44559c01663c7680e 16f1cb0ac708e8a55c77778f162f2c74 e4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Compact/FIRCLSCompact Unwind_Private.h	2	5d97e90ddd897e7073a3374609f63ef 870f7574463b69a9dc19c52ec432646 ee
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Dwarf/FIRCLSDataParsing.c	6	bcf18a951e8c23f5b69aa8c5b2e1737 2ee80dde46a84c6a3b02c6ce355496 e35
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Dwarf/FIRCLSDataParsing.h	2	1117239e0e1b3092e334f563fd86347 8dd10a2625e3b03f28dc92385da72b 19c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Dwarf/FIRCLSDwarfExpres sionMachine.c	14	53c3711bd39741e4b89c032548f36d 8aad9b0d8bf97f1f0aea69c4b96a7c56 a6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Crashlytics/Unwind/Dwarf/FIRCLSDwarfExpres sionMachine.h	3	ace37232acbed5f28c8e1aec75e3f3e8 b0f8ae9a37291b9593d2a32d287970 a8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Dwarf/FIRCLSDwarfUnwind.c	33	2b2f73c7de698727200def465052775 6d8abe2172dc32636fd0a337744097 121
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Dwarf/FIRCLSDwarfUnwind.h	5	b2a05ad4ad5e40468ae4d4a9f68966 db60c2ad2b213fad8d51a84bb75cf0d a88
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/Dwarf/FIRCLSDwarfUnwindRegisters.h	4	97535226e096c9248f7f6efab3c1aed 84e76edcfbdb68506f7f9ecffaeb3ef84
4 V9/11 / 4 V9/11 / 4		- Variation - Variation

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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/FIRCLSUnwind.c	11	399011ab93f69d3130fcd8d634cffe30 f453633e067e36491feb63db8788853 a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/	2	699ad4bd0ba749dc7048070ee87571 6a6d8b5dd5813a6fad3d36763f5f658
Crashlytics/Unwind/FIRCLSUnwind.h	B. W.	0ee
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Unwind/FIRCLSUnwind_arch.h	2	ec8c7bc793b189c0e8ff03a65fbd4152 80eb05544e10306c37bdb57e25a97a de
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/FIRCLSUnwind_arm.c	11	1cdd8b012e02d89ac201c72e1c7d31 06e190fb0a94d5d7091ee92d9aee0f8 1c4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Unwind/FIRCLSUnwind_x86.c	19	b386782056e6aedae5fb546607f2b53 d3e9383e0fc57f8c63a33d6b80628fd 5a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Unwind/FIRCLSUnwind_x86.h	4	efec7db2a9bfb8de479eebec94f34355 5c00beeea63198b15546adfd188234 7b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Protogen/nanopb/crashlytics.nanopb.c	4	ec13df205378bf69b167cf078f7333a7 f85c3329c3c1aa565af61dc2f6d37cf7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Protogen/nanopb/crashlytics.nanopb.h	5	afd4c75f13b1abe702ae1ad9c1a0811 40f49870b6c0914908a000eab40e0d 242
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSByteUtility.h	2	37368c712e0576cf90b1742a04bfcd1 3b8176826d5a60d3f146eaa91f12388 4b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSByteUtility.m	4	3b07a2febeb1c8484d656084d4efc14 0c8fdac324afccc07413cde13805975b 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSConstants.h	2	6c2be0259b9343475ee2848a3a6054 97ff4c3afe5c5181ced6e867362c53ad 17
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSConstants.m	3	df784ece37a274d5f49669d702bb4bd 98ec95b1b2bad2486f31d12c8f1a258 12
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSFABHost.h	2	851c7079d525f840473d275f29a724e d277504577fb0adff33e81c5b060be8 33
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Shared/FIRCLSFABHost.m	4	f99e9cc361bf576b7e24c552f359073 476b3618e8feb87d5643e92528e46e b1b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSCodeMapping.h	2	a76c51158ac43e0588dd3a11c4af63d ed2c652aa3afe3574520ee6a20fac24 b7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSCodeMapping.m	1	ecc74e82601856d628547a669dea3d 93d3c0fbd67bd51bb64d1782085896 5694
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSdSYM.h	2	caf8b325abd43d8d0dd903313046e6 9156ef4ba6f6603279ddfe3dd5a2b3c bad
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSdSYM.m	3	9ffc90205a3070056bc43def64cbc0a0 0cf5013eeeb9a88a487bd80bf7e3969 8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	5	5e631fc8208f8a6d151a80be1c9fd32



o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Shared/FIRCLSMachO/FIRCLSMachO.h		798005f25f7d0b3f52213d85b497957 a9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Shared/FIRCLSMachO/FIRCLSMachO.m	15	d6a90a0bab58a52dd6f05a02151572 b92a42c05b4244b5ec91999be304ea 6947
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Shared/FIRCLSMachO/FIRCLSMachOBinary.h	2	104e0b333a72c80a9c56a65807079e e8e666553dbd4785f546dd163357ff2 7da
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSMachOBinary.m	5	8a69fc2925076fc4cb28761409443a1 3b7dba9fcaf063f5a3e3e45b95dd215 bf
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSMachOSlice.h	2	fb62d1e360b9757f2f5c19c395eabfde 7bc123099f6ca402653a34b16184e0 43
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSMachO/FIRCLSMachOSlice.m	3	5026c16be7432db0af048009d8e51c 36653fe55d44651651d0f3de75075fe b63
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSFABNetworkClient.h	3	c429cdc4cddbc8aa51dab8974173e22 8b304a7412ee102369916f15c5098b 837
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Shared/FIRCLSNetworking/FIRCLSFABNetwor kClient.m	12	4a9e2060556bc894508f85583a4c74 a827d85046578adf9fdd18d8e19f259 ba1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/ Shared/FIRCLSNetworking/FIRCLSMultipartMi meStreamEncoder.h	4	0542797957db971d8e48dbebb46f4a cbc988a64f117b00acc79e1f9a196a0 0e8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSMultipartMimeStreamEncoder.m	6	e0c82ac08d703b1cd91cdc31fd8860a 6fa661cf1d1e13d3bff1c3cd80683e2e b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSNetworkRes ponseHandler.h	4	81d87a791ce8ac320e5665573950ad 7fb9ccc606e2278c50e09f963f0a4b4b ea
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSNetworkRes ponseHandler.m	11	3d276ef90bb65b56d56912f1f04d056 a97d9494f3424515f8015869d97813 2a0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSURLBuilder. h	2	a4ce9c0cfad94be67e07ab53d973c71 86b5e2c464f108321a70b9f12bcdc73 8c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSURLBuilder. m	3	eb14157f73ffa3a5a1a8e51387010a4f 4979e2f93610646630ec6fec077c3f5 1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSOperation/FIRCLSCompoundOp eration.h	3	46074eec90d5c981c1d4a89ec7dcbc7 c449d1456cab7902a2255109655446 f38
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSOperation/FIRCLSCompoundOp	6	40ea77ce978d031d9d34e51b5155fa 75b868835674d9273900e999564c16 8ec7

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eration.m		7 45 M
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/CrashlyticsShared/FIRCLSOperation/FIRCLSFABAsyncOeration.h	s/ <sub>2</sub>	51ccd87a30849c88950dd05ea3264 0c28cfff1a8de4bebefcd5f475dd1d41 b
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/CrashlyticsShared/FIRCLSOperation/FIRCLSFABAsyncOeration.m	s/ <sub>3</sub>	15dfbedb26144209097e23bbcad0a0 bbf51e83c0d1a5ff4e23473cbe12845 53
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/CrashlyticsShared/FIRCLSOperation/FIRCLSFABAsyncOeration_Private.h	s/ <sub>2</sub>	bbfadd7d0e3aedbc7b6f754b715f9be 061fe64bc317ddd343b83cf23afb959 0b
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/CrashlyticsShared/FIRCLSOperation.l	s/ 1	c81401866709bed69695e917b3ac7 8adb11d9bffa8b3a2e93b59cb9dc6f5 bdc
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/CrashlyticsShared/FIRCLSUUID.h	s/ 1	17330fd707b359719a96e97ae09f97 8647a2d7bd1557ead04a26ba8d1b5 567
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSUUID.m		a6559921fbce6b2a13081202e373e3 67e701f0e8dfd29b7b176dd083bab2 d9d
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/Crashlyticshird_party/libunwind/dwarf.h		bd1f823410dc0e882a52d9267417a: 3c58a67fb035b74c47cdd4b63af118 ddb
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/FirebaseCoe/Sources/Private/FIRAppInternal.h		52eb724be41242d28d8e6485d9a8d eee122cb33497f78afc38e2078a977 3ee
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/FirebaseCoe/Sources/Private/FIRComponent.h	W	f0be19dedc8ade64c8632b8598ad0e cc5fd013236a9ea9885d8e53c0d4c2 11
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/FirebaseCe/Sources/Private/FIRComponentContainer.	or 2	b6350e26d527766b866225d0167b9 8c60023c1c8efdb0d1f887e560fbd85 c7
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/FirebaseCoe/Sources/Private/FIRComponentType.h		33e3ef7c5aa0f3ce99cd95da3b75bd0 0ffa77c79602ba78d724343428b1d7 f0
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCoshlytics/FirebaseCoe/Sources/Private/FIRCoreDiagnosticsConnecor.h	or <sub>1</sub>	31ba97d274f82c7fe27d9ee3ea4fc9e f58482f93726c4c24f61c0e0d7cd765
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/FirebaseCoe/Sources/Private/FIRDependency.h		d3e0145114908ca8a936258b93350 9fcdc838edfe4a59375a76bb6cacbc2 b9
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCoshlytics/FirebaseCoe/Sources/Private/FirebaseCoreInternal.h	or 2	e757ff0c90da5d92649f54b09f6a247 4d260259f7b021b6904616589c0cd4 ce
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseColors/FirebaseColors/Private/FIRHeartbeatInfo.h	or 2	a4b895a5796329a55452dad7b2b3a c868a6560b0199071287c7c480a32 20b
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseColors/FirebaseColors/Private/FIRLibrary.h	or 2	212bfee71cdd65b5ba90b48cd5223e adf03109487e165ab7f911e87e370f 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVio_tvOS/Pods/FirebaseCrashlytics/FirebaseCo	n	d828787bcc239d4e82251d4e77d00 fc4232d001e4404c80438c1ca07e7c



e/Sources/Private/FIRLogger.h		604
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		59a49eab903589059c64e084d4ece3
o_tvOS/Pods/FirebaseCrashlytics/FirebaseCor	4	7c699ca2b00a9a9c91af340d2928fd0
e/Sources/Private/FIROptionsInternal.h		759
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		
o_tvOS/Pods/FirebaseCrashlytics/FirebaseInst	M. W.	6c7b12057ff7c4cf9ea0909155c3d75b
allations/Source/Library/Private/FirebaseInstal	1	73cfc4841fdfc71e07190b05edc691b2
lationsInternal.h		
HamiVideo tvOS 20210913 v2.2.5/HamiVide		72789d3aef3540708f502960b04255f
o_tvOS/Pods/FirebaseCrashlytics/Interop/Anal	3	77d4659a41d7b876eb3deb2b66eb06
ytics/Public/FIRAnalyticsInterop.h		bbc
HamiVideo tvOS 20210913 v2.2.5/HamiVide	FF . 1	61e874802d51be3de7e01ce57b5752
o_tvOS/Pods/FirebaseCrashlytics/Interop/Anal	<b>1</b> 1 6	446f6272e7e1eb27af54337fcb138ca
ytics/Public/FIRAnalyticsInteropListener.h		6b7
HamiVideo tvOS 20210913 v2.2.5/HamiVide		e028a8262364412e0d31d78f2360b8
o_tvOS/Pods/FirebaseCrashlytics/Interop/Anal	1	4d3eba24352c244ab22de2df6e6ba1
ytics/Public/FIRInteropEventNames.h		0223
HamiVideo tvOS 20210913 v2.2.5/HamiVide	. 19	8f07f5842464231174465f376802a3b
o_tvOS/Pods/FirebaseCrashlytics/Interop/Anal	3	6156daf3733d8640c45b37422cc48fe
ytics/Public/FIRInteropParameterNames.h	1 THE W	bb
HamiVideo tvOS 20210913 v2.2.5/HamiVide	4 6 6	52eb724be41242d28d8e6485d9a8da
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	6	eee122cb33497f78afc38e2078a9776
re/Sources/Private/FIRAppInternal.h	Ū	3ee
HamiVideo tvOS 20210913 v2.2.5/HamiVide		f0be19dedc8ade64c8632b8598ad0e0
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	4	cc5fd013236a9ea9885d8e53c0d4c24
re/Sources/Private/FIRComponent.h	- 19	11
HamiVideo tvOS 20210913 v2.2.5/HamiVide	-12 (SE)	b6350e26d527766b866225d0167b92
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	2	8c60023c1c8efdb0d1f887e560fbd85f
re/Sources/Private/FIRComponentContainer.h	4 6 6	c7
HamiVideo tvOS 20210913 v2.2.5/HamiVide	8 9	33e3ef7c5aa0f3ce99cd95da3b75bd0
o tvOS/Pods/FirebaseInstallations/FirebaseCo	2	0ffa77c79602ba78d724343428b1d7d
re/Sources/Private/FIRComponentType.h	2	f0
HamiVideo tvOS 20210913 v2.2.5/HamiVide		1000
o_tvOS/Pods/FirebaseInstallations/FirebaseCo		31ba97d274f82c7fe27d9ee3ea4fc9ef
re/Sources/Private/FIRCoreDiagnosticsConnec	100	f58482f93726c4c24f61c0e0d7cd7650
tor.h		130 1021337200102 11010000007007030
HamiVideo tvOS 20210913 v2.2.5/HamiVide	5 V 10 W	d3e0145114908ca8a936258b933502
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	2	9fcdc838edfe4a59375a76bb6cacbc26
re/Sources/Private/FIRDependency.h	2	b9
HamiVideo tvOS 20210913 v2.2.5/HamiVide		e757ff0c90da5d92649f54b09f6a247e
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	2	4d260259f7b021b6904616589c0cd4
re/Sources/Private/FirebaseCoreInternal.h	- L	ce
HamiVideo tvOS 20210913 v2.2.5/HamiVide	12.00	a4b895a5796329a55452dad7b2b3af
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	2	c868a6560b0199071287c7c480a325f
re/Sources/Private/FIRHeartbeatInfo.h	1 0 Z	20b
HamiVideo tvOS 20210913 v2.2.5/HamiVide	8 11	212bfee71cdd65b5ba90b48cd5223e3
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	2	adf03109487e165ab7f911e87e370fe
re/Sources/Private/FIRLibrary.h	Z	47
HamiVideo tvOS 20210913 v2.2.5/HamiVide		d828787bcc239d4e82251d4e77d000
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	6	fc4232d001e4404c80438c1ca07e7c5
	0	604
re/Sources/Private/FIRLogger.h	1 24 11	59a49eab903589059c64e084d4ece3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	A	
o_tvOS/Pods/FirebaseInstallations/FirebaseCo	4	7c699ca2b00a9a9c91af340d2928fd0 759
re/Sources/Private/FIROptionsInternal.h	7	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	3	8c82233f22dbe3665949d87c1d4196c



		0.000
o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/Errors/FIRInstallati onsErrorUtil.h		7c37e90dfa27fa305ba60a5c73ba0b2 1d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/Errors/FIRInstallationsErrorUtil.m	6	8bd466872ac61177fd404088f84c448 9e799f33adde5114151da3828bc868f bf
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/Errors/FIRInstallationsHTTPError.h	2	28a670bbd1003dfb6e02e493ef75869 2a48f27c44f58a78f6d93992ed3e4a3 94
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/Errors/FIRInstallationsHTTPError.m	3	1761f8839c98cfbdd5cf9adec8bfb517 eb66dc5425667952c16b91e49f5c7bf a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/FIRInstallations.m	11	525d6ebc7f4b6570979f79404d8a97a 9a2e14b6402e3dd27c62660598fecc2 61
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/FIRInstallationsAut hTokenResult.m	1	4714ee3ad069cccb0042cd847b5242 1749797fbb604c2ecad34d4ea66963d 8a5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/FIRInstallationsAuthTokenResultInternal.h	1	d5108c30296aa9716356ff2911a1126 88dad023c1a0def57fc3e368002ee43f 8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/FIRInstallationsIte m.h	4	3828156aeb14efc2caabc77a910b17c 649962a9ae2a180dfab8625a525d11 11e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/FIRInstallationsIte m.m	6	3d28a4b612024db2869b8bfdb951dc 623ca564e721bb12e1a468facb68fd4 417
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/FIRInstallationsLog ger.h	3	e60bdfe1bd1f3ce4ed28b44ad74dc46 d227e9c219d0fb3022ff4e18cd0b07cf e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/FIRInstallationsLog ger.m	3	150b8b169227a6881cc8a8e4e1bdb9 8bfdcb52429c596ca8f86c508aca63c0 e3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/IIDMigration/FIRIns tallationsIIDStore.h	2	0acf69e0c7926b0da5fea21052e9dac 381bc4ea171ea28c0236d0f1c5185f0 b1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/IIDMigration/FIRIns tallationsIIDStore.m	9	3f4afaaa2d01c5d9cea4d47ca0a8d8cd 7d6f2ddfb420718789f136c96249cb3 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/IIDMigration/FIRIns tallationsIIDTokenStore.h	1	e12669b1707a6d2e3fe1ca3179bb7b 5b2ede57dd5f0a7dfeab91c1bc98b6e d8e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn	6	9adfb5aa07fa2007319b5fdfcdd6f04fe 6a26f23af6d97c33b2b1ea67d826464

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stallations/Source/Library/IIDMigration/FIRIns tallationsIIDTokenStore.m		THE STATE OF THE S	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsAPI/FIR InstallationsAPIService.h	3	cf678226ba5ebea0a79 3d8cb5d453756133bd 8a4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsAPI/FIR InstallationsAPIService.m	16	a680dfbde7137263724 8826700f7a9a3379090 72	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsAPI/FIR InstallationsItem+RegisterInstallationAPI.h	3	be4ba6dc4be2a494e68 d4b9b15af40cf270bc96	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsAPI/FIR InstallationsItem+RegisterInstallationAPI.m	6	b6f0375f378393ec247 b8a050b7565cac48375 df	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRCurrentDateProvider.h	1	f431d110aa2466cca8e f7ef5c0fd92008d15241 78	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRCurrentDateProvider.m	1	72a9026e09fab84e3cd 255173731827f8c8926 630	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRInstallationsBackoffController.h	3	ac44eb9205e2e4a29a8 7f48645d4646ec88713 c7c	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRInstallationsBackoffController.m	5	24901e03f327b7f86e0 ec1363ad085929a784l aad	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRInstallationsIDController.h	2	549a94f24a24028c5df 769ebefd5dab3169a10 88	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRInstallationsIDController.m	23	8c2b402adaba3aa280l 9580696c330684df5f0 b	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRInstallationsSingleOperationPromiseCache.h	3	aecaf1e0548e85d442e 50caffac50d210c7588d a	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDContr oller/FIRInstallationsSingleOperationPromiseC ache.m	3	43462d3669fb35d25e9 1e4ab9da2c1e06afc88 78	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsIDController/FIRInstallationsStatus.h	2	17d9e301ff173f15223e 8cc30397d10a8a1d0f7 89	



HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsStore/FIRInstallationsStore.h	3	5bdef5a8d373b290a7d726f8db34345 8b342e5813235c6ea2f5cf1d4e071ee 08
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/InstallationsStore/FIRInstallationsStore.m	6	1166550a0a8fec7eb2e24e3c0729661 062581014cce800a113fa0a6521fedd f8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsStore/FIRInstallationsStoredAuthToken.h	3	21f202d46d5ff36c9f2d6d3b0e7a9e8e 2cad96d66c874b4c67a3a7bbdd7f160 c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/InstallationsStore/FIRInstallationsStoredAuthToken.m	4	53bdde0070489f39675454a6fa68241 b9be3711d8ba345785e18387845bcc 127
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/InstallationsStore/FIRInstallationsStoredItem.h	3	c1ff0f3216dbceb255a78f3355d7b79c 416e452fb686af163989908131e104b 0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/InstallationsStore/FIRInstallationsStoredItem.m	4	09b3c5b4fd81ccb5002921897bba8b4 7b4e5e0f7899dd80a7c2aac5bd998e5 ec
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/Private/FirebaseInstallationsInternal.h	1	6c7b12057ff7c4cf9ea0909155c3d75b 73cfc4841fdfc71e07190b05edc691b2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseInstallations/Source/Library/Public/FirebaseInstallations/FirebaseInstallations.h	1	545a4503c9f9445fc62efd0df5012bd0 8a18b43cedef6bfbbe5ac3bff8630349
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/Public/FirebaseInst allations/FIRInstallations.h	6	0a4264cde9d2a9c21263b90dfc64ce9 9c31c0f4e4589168db1ccf97cbb5319 ad
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/Public/FirebaseInst allations/FIRInstallationsAuthTokenResult.h	2	0a4d37d76661a0dabcec6b6c57bce37 71c98fb0d12d8549f9ffa7895f2ad4feb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/FirebaseInstallations/FirebaseIn stallations/Source/Library/Public/FirebaseInst allations/FIRInstallationsErrors.h	2	4e54f9f97a559783b317765263c87c1 1473ad44b24095cdab26e3c0750f85 8db
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/GDTCCTCompressionHelper.m	3	cfb5ebe84ec561befe6443ab31d9b03 79e25df4afb73b20ba67bf47899f373e 4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHe lpers.m	12	f0f6a7eb7d91e5269595b31aad6b536 7b3e50b1f59edb337945e640d4f4250 b9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/GDTCCTUploader. m	8	026b63942cc949f16f7ca26632cc5ee 9de4976edc8d3e6ebcca9bee6b46b1a 35
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCCTLibrary/GDTCCTUploadOp eration.m	23	af919992af1e76431c9e7524fd58ef16 ce9dd5bf69a094f45ae1a16cc2f38150
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/GDTCOREvent+GDTCCTSupport.m	9	8c6571fb8a040e85e0d127dbb51898 ed1920a306e7fe4adc3e5c31cca247c 2da
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCCTLibrary/Private/GDTCCTCo mpressionHelper.h	2	1e96377ff3ede1f2f07ea6a882a1d92c bb33ab1a5395805e374235d205df20 b9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCCTLibrary/Private/GDTCCTNa nopbHelpers.h	5	d5c8579235800f7dbed9bb70b8b4f05 2a84f582f05d464adb16b40b5cd88e4 86
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCCTLibrary/Private/GDTCCTUp loader.h	2	715d6bc434d5fe4d4f66bfab37938f48 999c0e9cf647194b6e91f7e7a533961 c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/Private/GDTCCTUp loadOperation.h	4	26f4a1c6f0179492a0ab6866749dc85 6390362c5eda95a0f2807fc2fe9c68c1 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.c	8	4200f0a8bc61fdf1104aeb69e2e8a78 050b48612a512df6b89b7c75b481b6 85c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h	14	0898a98b626519b1d57c4524370bfc 0744207d71983a34fa73c39c58ba07 74c2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCCTLibrary/Public/GDTCOREv ent+GDTCCTSupport.h	2	45be0d0fc6ee5f5a1a37665da50d2bc 8a5645d202815e9684c55cdd495b4d 7be
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORAssert.m	2	be8d0ae9212e9fd2ecef861595930f9c cc30538420b2e4fda0fd8dd3ef5fab69
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GDTCORLibrary/GDTCORClock.m	7	be71a2e27b52a871a04c62230d210c 7dcc15d31893b70f1a4bf7c02a10d54 652
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORConsoleL ogger.m	3	65e21a2580b3933ec856ba6214363c 48fd059b23f2fd7ccf8c1d07b33b11a2 57
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORDirectory SizeTracker.m	4	796e6f0db292256a3c86effc6dfc6445 76755a2266413303f06b1dc3f763298 1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GDTCORLibrary/GDTCOREndpoints .m	5	5cc216eb53d20e5826cda61c447aa7e 6f513dbf2406d2bd1a38b524baba78e eb
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat	6	147f4b6144c5004098aa22513d3874 169759e914bf0a1354e6e4cec1af015

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aTransport/GDTCORLibrary/GDTCOREvent.m		a85
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORFlatFileSt orage.m	34	7eb04c7fe8f03a3074fe501a7b3d00c 75b8037393210411734f4b021014b4 762
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORFlatFileSt orage+Promises.m	5	5cd60e19059f88207da20f65557f8b7 076194e3bb1cbaa8080bff82c2d6bc8 d4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORLifecycle. m	6	1b5f912eadc8e6bfdfd6853d62f7d40d 827efb280681f6c2a7ff78d9bcc3db42
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORPlatform. m	25	0c075f776de367a831b0293e743e0e 7ffa31234af4fa55cdc0e0079ed50234 ba
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORReachabil ity.m	5	d28a683e21f7afdc3b76eda9a062427 cddaea53fc7b135dda90d8d49a25009 3e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORRegistrar. m	6	d85b1bf0c756038250abbf0fe7b75c9c d3efc1572019caa50e723761d52ae99 e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORStorageE ventSelector.m	2	27ef26ad8bf003233e9977beacc8a91 974c2fb17502e8ffee8a63b9a14643fd 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORTransfor mer.m	5	b43a9440cd1f59eb8eb84085bb4599 682233fddf23adf6a1f71f17510d4141 76
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORTransport .m	4	0650a94afd6ccfe362b463e635b2f42 e226e41ef2a725a6e8a2c97e26d73ab 50
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORUploadBatch.m	1	5cc7ea3aa40947662b99a6ea441a63 a252f3dfb5fc2d1ce4f9bd5321dca42d 27
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/GDTCORUploadCo ordinator.m	7	44a9e7f82e1878df9d93d8632a047a1 7aebacf107421dd78c73f17fe0321fb6 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/Internal/GDTCOR Assert.h	5	832e1a77e8376cfbdedfc4e868cd9ba e16361260d96a4c6106b54f7b6c4c4e b2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDat aTransport/GDTCORLibrary/Internal/GDTCOR DirectorySizeTracker.h	3	57baf6b8547b7aa61855d89688edecc 53a0240c1a30887e1da6d45468c45a c53
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORL	3	f191dac0658a52b3e6968b68121bb6 14967e05baf247705c3dee102fbcff3e 28

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ifecycle.h			
HamiVideo_tvOS_20210913_v2.2.5/HamiVidoo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Internal/GDTCORPlatform.h	at o	9f77a5809c831be7d37eb3627b6 705df61ab3ba177d5d2d1089074 ce40	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Internal/GDTCORReachability.h	at 1	60b7964ddce39923d2548534a18 0eaffbba3208ea3d59c7a6a3bec8 564	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Internal/GDTCORRegistrar.h	at 2	6f2dca9b55b7e34f7dd8be898eda eba9492b9adb2af464a8dae7c3a d8	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Internal/GDTCORStorageEventSelector.h	at 3	07ff5515d543f4a020b2af393c18 5e0363c7920aed381642bb0f976 df	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Internal/GDTCORStorageProtocol.h	at 7	fc0581b09e888a5a27fe9c3bce73 4b7836ed4a4a2bc4f3a512588cb ad	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Internal/GDTCORUploader.h	at 3	818975dc834be178a6999eef130 ee00d9347c2e1b228920f8d358f	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Private/GDTCORLibrary/Privat	at 1	b11a74856842d4cc5f47043a251 8057b6f26bd4414820607d3cbe4 00a0	
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HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Private/GDTCORLibratFileStorage.h	at 6	6dd9c53458763a3a5faee33513e 092298b54d31cf69cd353fc887c4 307	
HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Private/GDTCORLibratFileStorage+Promises.h	at 1	2f6adab1675de0fffe5c3cbce2d51 c0e901782d77131cdb959507fefo	
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HamiVideo_tvOS_20210913_v2.2.5/HamiVido_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Private/GDTCORLibrary_Private/GDTCORLibrary_Private.h	at 2	310c409f7186d0de8ee96cd4d60 fb52d6c3f1f3655205c92d5c27f3a e	
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Private/GDTCORTansformer.h	at 3	5ddc81b386c97cea0e35b9104a0 2e48297c7e26cf03d5b893ffa42fd 83	
HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/Private/GDTCORT	at 2	f1d29c213c48e6fed5b744d98989 a48142a8db58a1c26b13e5afe5a 8fb	

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HamiVideo_tvOS_20210913_v2.2.5/HamiVide		
o_tvOS/Pods/GoogleDataTransport/GoogleDat	2	7862dc3fffd952677a08278eb20ce77c
aTransport/GDTCORLibrary/Private/GDTCORTr	2	7fb51ff18d2b333f929aec18b74f3f4d
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o_tvOS/Pods/GoogleDataTransport/GoogleDat	2	c8470a865bcaa9cef7238b8c658d596
aTransport/GDTCORLibrary/Private/GDTCORU	2	f5a2b9ff59391af7833c33d5cc2e569f
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HamiVideo tvOS 20210913 v2.2.5/HamiVide		
o_tvOS/Pods/GoogleDataTransport/GoogleDat	- di	28eded52d221533c4594a8ea882031
aTransport/GDTCORLibrary/Private/GDTCORU	3	b85a1c1d48d4b77fbbb7191bc8fae77
ploadCoordinator.h		031
HamiVideo tvOS 20210913 v2.2.5/HamiVide		
o_tvOS/Pods/GoogleDataTransport/GoogleDat		971fe1c54919b7764337fd983fd279a
aTransport/GDTCORLibrary/Public/GoogleData	3	54a29e3f998e9b7ffb558fdc677be749
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o_tvOS/Pods/GoogleDataTransport/GoogleDat	6	89f35d3b584732addb5815a5e7df212
aTransport/GDTCORLibrary/Public/GoogleData		eb
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o_tvOS/Pods/GoogleDataTransport/GoogleDat	2	2feee2879c5b0b95733f294ac705846
aTransport/GDTCORLibrary/Public/GoogleData		b ~9 \\
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aTransport/GDTCORLibrary/Public/GoogleData	7 324 OF 10	e00
Transport/GDTCOREvent.h	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		d0a8ad28fcbf8e6c40ff0c15fe822728f
o_tvOS/Pods/GoogleDataTransport/GoogleDat	2	6c33acb35c58ad2b9434c57b6c244d
aTransport/GDTCORLibrary/Public/GoogleData	۷	000000000000000000000000000000000000000
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o_tvOS/Pods/GoogleDataTransport/GoogleDat	200	bb3520cdfe40406adc910db1dd7dfcf3
aTransport/GDTCORLibrary/Public/GoogleData	2	
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o_tvOS/Pods/GoogleDataTransport/GoogleDat	2	3da4ebc8e3dd9a74df2b1b989c0c467
aTransport/GDTCORLibrary/Public/GoogleData	2	7fba4627c3ed4c9558328449c30813a
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o_tvOS/Pods/GoogleDataTransport/GoogleDat	17 80	a2e17ffd07dee93afacb7794a7a864fb
aTransport/GDTCORLibrary/Public/GoogleData	4	194b93b7e77a9bbb12f81a28161efec
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aTransport/GDTCORLibrary/Public/GoogleData	1	944ccd8f6d234673a9529c56fa8cb8e
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o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E	7	3d80ab0f38d85455a1e380ffea78888
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nvironment/GULHeartbeatDateStorage.m	10 W TO	\$ 1
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nvironment/GULHeartbeatDateStorageUserDef		2356
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/GULSecureCoding.m	4	de8050b7cdee18e9fc2255e2e0ea39ff 9834b1cfac9f331ec414ddd9d628717 b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULAppEnvironmentUtil.h	3	516816403fa7d59dd6aae0f7ac48279 c38aa62ebd4fa7b45f73c1b4e6b17d7 55
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULHeartbe atDateStorable.h	2	64be3ebbf03639dbdb014a7e05a02e 302562d7ac2d3ed5ebfb628b2af1382 568
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULHeartbe atDateStorage.h	2	f0aef1962aa2fd16bc50222cc5ccb0db 960777ce474c18d33173bf2e3e3e46e 7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULHeartbe atDateStorageUserDefaults.h	2	f1613ceb94071f4b408c439dfe35633 49fc017701b2d60cdad6c0372189835 36
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULKeychai nStorage.h	3	f7ad90a71160da2cfe224ef0064fe550 7f27571cca107d82674ff9275af85797
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULKeychai nUtils.h	3	00a455c12be38d608d9be0f45a887c2 730bb381e1117e4d1c424d90aa1dee 69f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULSecureC oding.h	2	9164f5ca4aa2fad3a8505043c2a84e3f 1edac4dc9e51881db82aee25bec469 34
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/GULURLSes sionDataResponse.h	2	9f9938a9a2a1d9b608da6c012006bce 39a555d4491c5d7c97cfc9e67f00813 20
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/Public/GoogleUtilities/NSURLSessi on+GULPromises.h	2	6e210b84432ab8de20dc0c19d79008 077bdc1a0e4074923ffdd4ce65ce3efe cf
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/SecureStorage/GULKeychainStorage.m	8	36af7c3a4b8cea22f44fa6a13289bdb3 f19c5a8c963b118b43d7b30929059e 9a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/SecureStorage/GULKeychainUtils. m	4	1d3889d0a724d99267c0a7de31711b 39d5a39739b8045b6ec956d0409ba0 84ff
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/URLSessionPromiseWrapper/GUL URLSessionDataResponse.m	1	06fd554478331204c7f3be8cd600a5d 09f64df814409e187e4d5ccd33160bc ac
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	2	2fd6d167def132cd90de647067692d6

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o_tvOS/Pods/GoogleUtilities/GoogleUtilities/E nvironment/URLSessionPromiseWrapper/NSU RLSession+GULPromises.m		bb2a09ac5e90097b616f4cc24b9897d ed
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o_tvOS/Pods/GoogleUtilities/GoogleUtilities/Lo gger/GULLogger.m	8	926edcf15a712d872238d6a1a07dfdc
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o_tvOS/Pods/GoogleUtilities/GoogleUtilities/Lo gger/Public/GoogleUtilities/GULLogger.h	6	3b5edd7ac1cec4b8748aac65e419723
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HamiVideo tvOS 20210913 v2.2.5/HamiVide		d891142662c1d8cb3429d588f029b9
o_tvOS/Pods/GoogleUtilities/GoogleUtilities/U serDefaults/GULUserDefaults.m	8	ccf7c84727f5725664428239a91a783
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		cacd3d8395aacd9e43fc8696836bf60
o_tvOS/Pods/GoogleUtilities/GoogleUtilities/U serDefaults/Public/GoogleUtilities/GULUserDef aults.h	6	324da76d643cbbcbe6d2fc6f7988d4e 71
HamiVideo tvOS 20210913 v2.2.5/HamiVide	135 0	66749b60a3b45435bbee5ee29bf7c6
o_tvOS/Pods/Headers/Private/Firebase/Firebase.h	1	66749060a30454350bee5ee2907C6 6f42fb19749464f239737405c703806 8bf
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		66749b60a3b45435bbee5ee29bf7c6
o_tvOS/Pods/Headers/Public/Firebase/Firebas e.h	1	6f42fb19749464f239737405c703806 8bf
HamiVideo tvOS 20210913 v2.2.5/HamiVide		4684b3cd846a4647f86f79acd3139ba
o_tvOS/Pods/Kingfisher/Sources/Cache/Cache Serializer.swift	6	b4ffd34422804bb09b4b28704279cc5 1d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		dce68fda6cc3a0df8ec3f0a80bac9f429
o_tvOS/Pods/Kingfisher/Sources/Cache/DiskS	24	992b463939ef64f852020cac41fa7ab
torage.swift		992D403939e1041032020CdC411d7dD
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o_tvOS/Pods/Kingfisher/Sources/Cache/Form	6	c5444124d1fd2ddb318b38ef3fa77f75
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o_tvOS/Pods/Kingfisher/Sources/Cache/MemoryStorage.swift	11	9f57345fdb1d7f2b947ba34ca20eb56 34
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		c53f2db0be24a1a60248c65838813d
o_tvOS/Pods/Kingfisher/Sources/Cache/Stora	5	71299bf2ce03d956d5c46ead07429eb
ge.swift		5f2
HamiVideo tvOS 20210913 v2.2.5/HamiVide		dbe4437e858c15fee3e63b8649164e
o_tvOS/Pods/Kingfisher/Sources/Extensions/I	23	359b1376545444a5c680d99c052542
mageView+Kingfisher.swift	8 Z3	e9cb
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o_tvOS/Pods/Kingfisher/Sources/Extensions/N	15	ab479cc6ba8da34b6386ce09ba1ad3
SButton+Kingfisher.swift	13	d80
. 1905 7 15	- A	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	4.7	52d17596701baafca0016c1b25693f2
o_tvOS/Pods/Kingfisher/Sources/Extensions/N	12	dd272b4186c24efd9407d8b457de7b
STextAttachment+Kingfisher.swift	10 W 10 1	c8f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	El Fr	7c18cbedc8a32ad2a86f607cb879ff08
o_tvOS/Pods/Kingfisher/Sources/Extensions/T VMonogramView+Kingfisher.swift	9	eff5a2e3e2f405ca898c4980afe92078



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Extensions/U IButton+Kingfisher.swift	18	adad0a8c6ffaa74f4af9eb1f6db76f1aa 33f3934e6bdf20a92da8651859a87d6
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Extensions/WKInterfaceImage+Kingfisher.swift	9	a0ca7f7d6438a62d03afee08b5d72a3 688681b6d6252c6277039f79b30e6e 886
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/Ima geSource/AVAssetImageDataProvider.swift	6	7fb06f55147bb8c659618754d30b94f 1e0ab822a3b4a89f2b22ef1e9c3fff91 8
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/Ima geSource/ImageDataProvider.swift	6	17157c2021c76550715e455ab6da4a 07b7ec17e671bf517b5a0e57e83425 43ce
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/Ima geSource/Resource.swift	4	13a77670a6e0276fa9db9ef0852c115 f09fb7962b8c00ae7310fa19a00d2f9f 4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/Ima geSource/Source.swift	5	e37f688333bea1d6da0fd8808c97904 65895ca18ae895b7dc883458723624 c87
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/KF.s wift	18	d5ac2d7bd720f47f5483216b48b0816 d50f8356bdf165ad53873803487c2da 72
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/KFO ptionsSetter.swift	33	91dec849b271616b60255bfd2c33b5 0f7012a5091b30f6a0747f5da5f0f359 6e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/King fisher.swift	4	8ef54a504f6741369ce52fb8475830a 9894bc63ddae9a50792795a5a6c783 777
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/King fisherError.swift	23	479eaf8c5386f5395cb8c18e52f118af 2ae9f510005cde5937fc4023ff804f03
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/King fisherManager.swift	32	2658a8a3e36c89262a29165d48e6c7 e1ce3ed0de6a0f0ff9befb4ef0728ad7 9a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/General/King fisherOptionsInfo.swift	23	6f2f4aab65dfcf2ae3e78cb5bfa8adba8 49d6d6900e56453fea4c3ef497e71cc
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Filter. swift	6	e552aa8c2f6c42fdae557f002739ad4a eda36fff1a74bd0f87ee2d8cd67096de
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/GIFA nimatedImage.swift	6	a779b1a424e602673738f2029eb87b ca0e7b57aa64c30b99a7609d508c70 be41
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Grap hicsContext.swift	4	51fea7817a79c602ec5b69256d99b4c 3a58cce08b76d363e3a01aa3632e56 5ee
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Imag e.swift	15	ed8a5fde2eaaafc405cf76358b42dd7b 9a3658f50f77bba35482c01cd6edf32 b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Imag eDrawing.swift	21	17b2d58b0d579954a835cbf609f29fb 02352f2c79b797f2caa9f7147f24b5ff4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Imag eFormat.swift	5	0a8d2798630ef5dca50179a27ef071b fd9296a37b193da24eef2e7e760a186 0b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	37	45235acf5b398f736d40829665cb040



		.0.
o_tvOS/Pods/Kingfisher/Sources/Image/Imag eProcessor.swift		168214d61e71b2592ab22b812e53d6 bac
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Imag eProgressive.swift	11	ae6ee8099a85cfec21b4434dc1c3d3c 421f8ad52f8000812a3ded8ff937666 7b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Imag eTransition.swift	5	b2ab48f12a57fa1b3644b66a0e36200 72ef20c337032c91b37d0d556ce940d ec
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Image/Place holder.swift	4	adb71706ff72b40a7d0ad06af4a36be d5469374c4af2a8714f968188a7a2c7 b0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/AuthenticationChallengeResponsable.swift	5	d5cb6980445d346e140acea69a955d b16f6c953d98d7bf57c5b404a8bb72c f17
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/I mageDataProcessor.swift	4	fd12341c94ddbb80ab08e4486d5b5b c04aa9a92b6b7e8bbd9b3f34d7b163 aa6b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/I mageDownloader.swift	20	6aa1afe5b72c90ab8085d6254d3963 0ab19c8102c7f0cd20ea1b6e66ddc64 470
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/I mageDownloaderDelegate.swift	8	38e3da8d1a184aa71a1a0d0b822d45 f07ffa69ff702d35d93347e8e2f7308c 80
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/I mageModifier.swift	5	bd5dc743f52e0a8572ee8f4f4ac1d44f b25e177914456c0baae5b1f8a67737 2a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/I magePrefetcher.swift	20	44dba2f1e82ad1f11f3063e00fb3413a 941eaa128b996455a57ec77c3520ba df
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/RedirectHandler.swift	4	014b5f96f3f1daa291b02e844b38c45 c4523951c8717484cca17b5de14ec69 a7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/ RequestModifier.swift	6	8ccd2e8d678706321fc945c3e6a70db e3c4d08c72817f60917c389a2793bf0 11
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/RetryStrategy.swift	7	a998c437567be362492c1b28b0f990 298d25edf6d6eaecf1d753d735d1170 5a5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/ SessionDataTask.swift	5	e76307555d51d5e6675440cb6401e6 92100caab76ed7ba0e17c80c7330a4f b74
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Networking/ SessionDelegate.swift	10	c5383c0bbbef193bed988dcd3223109 61e10335998f0f9d4d6023a8576854 bc5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/SwiftUI/Ima geBinder.swift	7	f18c6c384413cc9665a309ee1f99ab4 95123d0976b98445c2d14feff84db21 6b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/SwiftUI/KFI mage.swift	13	a589ac85c289612141b35e9e8a3ff1a 61401de4bbd6a285270e991b3943b6 d40
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/SwiftUI/KFI mageOptions.swift	7	f0f82fbecd432c6b06c7b30891407c2b d35e7d6712c00079171c0554025de4 9e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Kingfisher/Sources/Utility/Box.s	2	35a1c91e1da57f22d41f8dc1681e752 e2594d2a4fb225b3e8b2b89a10487b



wift	10 m		d57	45/10
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util ckQueue.swift		4	07e8a852607dac5 eb6699385c5ee2c 3e83	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util ate.swift		4	242bd701d28fc43f 1adac37cd10e83c2 3cb	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util sionHelpers.swift		5	46bf0cd11816cfc6 1e48535fa07fdd3a 3	074b9580751539f 63b7cff37dbe87aa
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util .swift		3	cda14086496f0cf7 8e94566ee96fb1f7 1a	3c194b19e773701 ee40d35b8451907
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util me.swift		2	7948e803dd98e66 d8fc8bfc2aecbfc72 38	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util xtensions.swift		5	334e03007a39f873 e56d0f0fa4ff1c782 c	38914bab2d7c624 55feddba5a340fda
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/Util +MD5.swift		10	c148fcb69d931cbc 9319d4a6fdda8dd9 81	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Kingfisher/Sources/ViewtedImageView.swift		23	c7a8f5ce529db501 7f2b6970f8388491 39	
HamiVideo_tvOS_20210913_v2.2.5/o_tvOS/Pods/Kingfisher/Sources/Vietor.swift		8	43e37f8d7c7a9b36 58d968112996427 b7ee	585889543abbdb1 1ca9d363e88daa3
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/Manifest.lock	HamiVide	3	2edeac7d69216a2 ec5a0ece19f673bb 582	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/MarqueeLabel/Sources, Label.swift		81	81ffa8bee1355a21 4facc783cb07fa66 c	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb.h	HamiVide	23	77b64edc50367ccc 17615f3be9ab4c2f d	dc8e3f0588b3cf6ce 387851cca21b640
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb_common.c	HamiVide	3	6aea3a943f266646 b00c929b3781ce6 80b1	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb_common.h	HamiVide	2	3ed0e7518cd2c60- 9daaeeb3c5b39cb6 541	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb_decode.c	HamiVide	48	7c9536c574aefb28 db07b163afa1b316 65	3cbca2321cbe098a dd0441ec0cd422ca
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb_decode.h	HamiVide	7	adfe53f3612e65c4 0dde7cc8f1cf7ed32 94	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb_encode.c	HamiVide	28	5c633ec8f35995e7 0b0998f27e16360 a8	
HamiVideo_tvOS_20210913_v2.2.5/ o_tvOS/Pods/nanopb/pb_encode.h	HamiVide	7		755e5d29083236b eefc787fa6baa74ab
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Pods.xcodeproj/xcuserdata/lien.xcuserdatad/xcschemes/xcschememanagement.plist	3	0a0299515ed3f494fc2dc08ef153680 ebb68f0905216d324066d8afb6c75b4 4f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Pods.xcodeproj/xcuserdata/paul.xcuserdatad/xcschemes/xcschememanagement.plist	3	2118163a63a0634e083ec1805da43a fe7456eb1eb6a648bc25211962ebe4 b3e3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromi ses/FBLPromise.m	8	857722dd58f02889121b547de312fa bc1b90aaec1328698574493975047f 036b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+All.m	3	25451e06ccd83b2d5e054a6ff7670cc 8e4afe1a0cdc9889ace3454c1541ffc2 f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Always.m	2	1b13cfafb11dc02d2d6fb48e91c6c6ff9 6591b6d40be092153d628b608c501d a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Any.m	4	8ec253fa393ca47c3b943c28482aa73 250e2e390317540ff8dae1cb1b7d212 7e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Async.m	2	dac280dca97e0e214868f58031d91cb 20e470eaa5323ea638aa69123ed177 a23
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Await.m	2	34840a9224522d89e47862e3bfc53df 4441e507da6cce4ad21c8854049289 4ea
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromises/FBLPromise+Catch.m	2	f1976f20e416358fa791ccaafe8fabb0 bf8e1ddc85974926859ab76addd565 ef
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromises/FBLPromise+Delay.m	2	8b810ed477ce3efef18442a6a8010b0 888cdca018cabf950c49d7c157e57db 72
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Do.m	2	cc33b939fcc30863f425f498abb8cff58 f1dfd2055760b4f66a2273995a6766a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Race.m	3	272d6c1ae065ff9501da296210862fc 099cd8ff546d55751c0f8b0cecc3a08b b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Recover.m	2	68a50a47590ca0b12aa4ff4667c3c53 6687327e55b64bccbd5e2fc207776dc d3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromi ses/FBLPromise+Reduce.m	2	366cccd37416f18597eba372734a300 9d53f700e79481f37f31a59c75ee4b4 42
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/FBLPromise+Retry.m	5	3c813d31b038b6f10f47803a5e2fbaa 789c1437405f83912146a8c368ba19 2ff
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromi ses/FBLPromise+Testing.m	2	f89c223f36248f26a6cb8dab1c0cfa7a b22fd9de63968b782929e4f04630d88 f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromi ses/FBLPromise+Then.m	2	3ed09bbd607268050b1d908eb63037 0896904b397616f07efc0eb05ac0799 073
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	f1edd514423e8d09e9350581110c2d 8b0d5f92e9f4f55c9715aed477f85fb8



ses/FBLPromise+Timeout.m		09
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		bcdbfe4b32df846240564bbe6dbed66
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	d70485aac25a8a1e702b9250352035
ses/FBLPromise+Validate.m		e13
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		d7e6f130fbfde25c8df17a7b98e8d06b
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	15	b63821cbed15a20c83a0f012138b54
ses/FBLPromise+Wrap.m		35
HamiVideo tvOS 20210913 v2.2.5/HamiVide		1b495691e47bb2158991f1cf4cd1558
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	1	74a6ed7ad943e0cb684c7ac6dc8444c
ses/FBLPromiseError.m		90
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	J. (1)	303d55ae013fc5a3bd3b2f876c836c8
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	e3dcd7608c7183d2fa8b52467d4c492
ses/include/FBLPromise.h		04
HamiVideo tvOS 20210913 v2.2.5/HamiVide	St. Ph	83a05428b31324019123fe178c653f7
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	59686eeb036ed6d7a5592bc5af3357
ses/include/FBLPromise+All.h		98b
HamiVideo tvOS 20210913 v2.2.5/HamiVide		9922cba8b21f2da01d2125339829c7
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	139748e6ae5a7dcb5db9af6ce03770a
ses/include/FBLPromise+Always.h	~ <u>@</u> /	f0e
HamiVideo tvOS 20210913 v2.2.5/HamiVide	37 10	11330ad82395f9a8e57c0e17c43514
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	273577a7c2d4680f8637db112f0344d
ses/include/FBLPromise+Any.h	8 6	029
HamiVideo tvOS 20210913 v2.2.5/HamiVide		74773c0126d7990c6b9294020446c0
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	64be074e03ba27b80d8aff5eaf3bbdd
ses/include/FBLPromise+Async.h	J	905
HamiVideo tvOS 20210913 v2.2.5/HamiVide	~ K	5bb92a65b0bbd530f55eff7076d3088
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	e80db61267992d512928939b4f652e
ses/include/FBLPromise+Await.h	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40f
HamiVideo tvOS 20210913 v2.2.5/HamiVide	4 7 9	930c82eef53fe8066d89c8802d494dd
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	23fe7ae6cc6ed0144c638c1576e6941
ses/include/FBLPromise+Catch.h	3	36
HamiVideo tvOS 20210913 v2.2.5/HamiVide		9d297bc04250fadc30e5dfc15a59e80
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	3832ff7075ed290c8d9225a3c84a8de
ses/include/FBLPromise+Delay.h	-	f2
HamiVideo tvOS 20210913 v2.2.5/HamiVide	12 60	01baccba2ff2de30515579680b67a4e
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	19730a4140f96abb6f7f68f453bce13a
ses/include/FBLPromise+Do.h	1 C C	f
HamiVideo tvOS 20210913 v2.2.5/HamiVide	80	08db93462990d2b645354ba6c0ffe16
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	0eaa2db4e3e25b7dfac490e34116e21
ses/include/FBLPromise+Race.h	3	58
HamiVideo tvOS 20210913 v2.2.5/HamiVide		58fd959a430b10987da4ffac5b6a56e
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	7de39fc810812189bffbac67c268859
ses/include/FBLPromise+Recover.h	111	04
HamiVideo tvOS 20210913 v2.2.5/HamiVide	- P	395a0aef6f726ec7fc117f0347009146
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	27516d33d78518876635782a7e3412
ses/include/FBLPromise+Reduce.h	8 0	d1
HamiVideo tvOS 20210913 v2.2.5/HamiVide		55ae8859939a0761a2feeb45fd37441
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	9	b05d8a85607ba7c145e8e0334e086c
	9	10,7° % /0,7° %
ses/include/FBLPromise+Retry.h	- A	ae7
HamiVideo_tvOS_20210913_v2.2.5/HamiVide		7c4559bf575f60328738aca266a81dc
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	2	a161d511674b4a5ac1c654f2102fbd1 fd
ses/include/FBLPromise+Testing.h	10 m	4 7 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide	9	40c1fb9334481df1d8fc09f6f22522a0
o_tvOS/Pods/PromisesObjC/Sources/FBLPromi	3	7c42bcfd5dbe9109e0689f7e9b3a781
ses/include/FBLPromise+Then.h		2



HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/include/FBLPromise+Timeout.h	2	3686861e7cbd6cb11c8308e35b9510 c5905ac913dc40e4695bb5897716bc 8838
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/include/FBLPromise+Validate.h	3	73ef09f931a4370d09667f88b7f2c140 fdc30026adc0096e3a12cb3433e8ccc c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/include/FBLPromise+Wrap.h	15	9b9efa0c2bc3883718a2d8f1ba6c6b8 4e54e27c5f252725c20ceea955beada 74
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/include/FBLPromiseError.h	2	dcb043361912bb20c4d4b13c2a4f5cd 7dcad2f1030e400509c9bbb278ff5ca4 f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/include/FBLPromisePrivate.h	3	c936f11a36f9e05917d29e9acadcbb5 36ed6532a053d713db899e2bd44e53 efe
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/PromisesObjC/Sources/FBLPromises/include/FBLPromises.h	2	c07f5e593b162fd122c6c51d0bb1b58 1b0fcbd8f7b125e3969d5abae9c2fa8c d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/SwiftyJSON/Source/SwiftyJSON/SwiftyJSON.swift	40	9d432fe143e61773aa8e986e738d45 986ff45c5832a1b5ee4886c99b632a3 e2e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCore/FirebaseCore-dummy.m	1	e7399f1adaf2c8a481c4d192f0eb4eca b85f974bfb425e71af40b5ea41f2bece
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCore/FirebaseCore-Info.plist	101	5596b713ecc60e5f3eb74a8404fe44c 7e5f054e5d271efe4a843e832632a15 06
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCore/FirebaseCore-umbrella.h	1	8b01e29d49cd848eef317376a5eb26 2ae8c9fa70ce73ebfe279dfbae32cbda 8e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCoreDiagnostics/FirebaseCoreDi agnostics-dummy.m	1	3518c914301e61367c98e0d3d3d175 359d8bb5f1bec170f2138cc6ca11120 11b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCoreDiagnostics/FirebaseCoreDi agnostics-Info.plist	1	5596b713ecc60e5f3eb74a8404fe44c 7e5f054e5d271efe4a843e832632a15 06
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCoreDiagnostics/FirebaseCoreDiagnostics-umbrella.h	1	2889e00d6aadb9d0eecda37604fa8e7 ee03550c9dca2b4bd8c12c996926c51 42
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCrashlytics/FirebaseCrashlytics-dummy.m	1	e28af826c810bbf92815bbebf628ed7 5fe3e50b43c666f80a6413255162b79 32
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCrashlytics/FirebaseCrashlytics- Info.plist	1	5596b713ecc60e5f3eb74a8404fe44c 7e5f054e5d271efe4a843e832632a15 06
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseCrashlytics/FirebaseCrashlytics-umbrella.h	1	549f3396cb25aa65c4395bff5265d3d a284128261b2b3b38c8cb82883e719 395
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support	1	520128e27496ef76392246c291cbf0c cce5784b605a296ea04af8b9b9bd658

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Files/FirebaseInstallations/FirebaseInstallation s-dummy.m		90
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseInstallations/FirebaseInstallation s-Info.plist	1	5596b713ecc60e5f3eb74a8404fe44c 7e5f054e5d271efe4a843e832632a15 06
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/FirebaseInstallations/FirebaseInstallation s-umbrella.h	1	c9d44ab85836211393b51137a357f0 6422341f9407cef9044302214c52567 ddd
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/GoogleDataTransport/GoogleDataTransp ort-dummy.m	1	aca3d2c17b42341cac23a3a665b3fa1 121c30440b0e2fa13a2ccf652ec33f76 f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/GoogleDataTransport/GoogleDataTransp ort-Info.plist	1	748f50272b1c5d14b6548d26d8fcdeb 113a66a016fb56896c31e7aad422f28 24
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/GoogleDataTransport/GoogleDataTransport-umbrella.h	1	3105fc7abf4c4f2ce6da00d3487771de a7d14ce1e4b29fa64ec0e415e9fcc28 5
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/GoogleUtilities/GoogleUtilities-dummy.m	1	a96be9f731946ed07c564d16383b57 dc0c3949c6798af54cb7ed770ffa15e4 4b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/GoogleUtilities/GoogleUtilities-Info.plist	1	8925a6400897b38d53f513b25cb639 70625fe677daa21e1c9317c8c001e29 d0b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/GoogleUtilities/GoogleUtilities-umbrella.h	1	fce1f24af909d1f437f3cbec662172b2 4e535f1d179cf3987e7c98cc34bb083 9
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Kingfisher/Kingfisher-dummy.m	1	181dab746ae51c976407d19559d20c 0a066e58caa883c26358357ee3f0378 3a2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Kingfisher/Kingfisher-Info.plist	1	2a3942366139a45d2c3d56266bfca2 9176fbf2c4ad82de99710e322aed4d3 c35
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Kingfisher/Kingfisher-umbrella.h	1	f157415dc24e0ccba0f2c71fcabe555c c0bf4fdcc6ea56fa2afa641fe0ad1a8f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/MarqueeLabel/MarqueeLabel-dummy.m	1	d46c632794372193e41c25bb6151f5 277453b2066a279c73e1be3e9066ed 1ed3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/MarqueeLabel/MarqueeLabel-Info.plist	1	70f74744e637e53e3b325c265aa1e9 44dbfd6c3bc8ca871b809d62046a454 2b0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/MarqueeLabel/MarqueeLabel-umbrella.h	1	78988bf83bf70ceca680ec5447ebcf46 450cce1eb83833621c51bc5714d8bb 73
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/nanopb/nanopb-dummy.m	1	22fc7c56a5ddfe4c8345714d219629f 705b48c723b326723ed8d6bfef21764 c2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/nanopb/nanopb-Info.plist	1	1c1b694eaad6deca32bdbc79c290382 a909780abf88b47f700a32c4e4d0f6d 6f
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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/nanopb/nanopb-umbrella.h	1	b9ad2cc10742c3d36a769cd6d6f9f27 e9e927a9eea71a16b0724714fc0689 58d
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS/Pods-HamiVideo_tvOS-acknowledgements.plist	100	5b22c0b095bb89f2c20b7107782f9e1 8ec0ed8a4a8c83137cdd3b2fab514c2 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS/Pods-HamiVideo_tvOS-dummy.m	1	e793f10b385cd39e0b4491af20c213c ec1f74e44ee5c193d8d902e889697d6 24
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS/Pods-HamiVideo_tvOS-Info.plist	1	9151dcebe4456d5ac62abfae17df067 bf280a753b127006461bad2ea3af420 aa
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS/Pods-HamiVideo_tvOS-umbrella.h	1	cad5f5b54222e67c136d3d532ccc5d1 50bcded69e6f0e5a3716994cc17a70b a3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_simulator/Pods-HamiVideo_tvOS_simulator-acknowledgements.plist	100	5b22c0b095bb89f2c20b7107782f9e1 8ec0ed8a4a8c83137cdd3b2fab514c2 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods- HamiVideo_tvOS_simulator/Pods- HamiVideo_tvOS_simulator-dummy.m	1	b017c6684300f9b7ac4165beba27ff3 3cfe8862605a6535c7006ee9160a61 0d4
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_simulator/Pods-HamiVideo_tvOS_simulator-Info.plist	1	9151dcebe4456d5ac62abfae17df067 bf280a753b127006461bad2ea3af420 aa
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_simulator/Pods-HamiVideo_tvOS_simulator-umbrella.h	10	e4d13634fdb956bb5e9e44db959c89 253e5391da56fdb78f95b75cdf8d3b6 a41
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG/Pods-HamiVideo_tvOS_STG-acknowledgements.plist	100	5b22c0b095bb89f2c20b7107782f9e1 8ec0ed8a4a8c83137cdd3b2fab514c2 47
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG/Pods-HamiVideo_tvOS_STG-dummy.m	1	5bf3ab21ad0ec3dcefff25f43d54d521 aef9e895d25feee6e2b09255c267891 e
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG/Pods-HamiVideo_tvOS_STG-Info.plist	1	9151dcebe4456d5ac62abfae17df067 bf280a753b127006461bad2ea3af420 aa
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG/Pods-HamiVideo_tvOS_STG-umbrella.h	1	d29e8820e841f21bb642b89dcbe9b6 31f6f407c4dc0aa16fe481977643ee1 e05
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG_simulator/Pods-	100	5b22c0b095bb89f2c20b7107782f9e1 8ec0ed8a4a8c83137cdd3b2fab514c2 47



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG_simulator/Pods-HamiVideo_tvOS_STG_simulator-dummy.m	1	d873ea1ed03b41114481d8af441fff0 3f4dddad2c906cb4539e3df58503a41 3a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG_simulator/Pods-HamiVideo_tvOS_STG_simulator-Info.plist	1	9151dcebe4456d5ac62abfae17df067 bf280a753b127006461bad2ea3af420 aa
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/Pods-HamiVideo_tvOS_STG_simulator/Pods-HamiVideo_tvOS_STG_simulator-umbrella.h	1	debf0186d710f099b4e3c5b43d1e1d3 00ac9d1e473f400aa0a2fa95ac99258 ab
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/PromisesObjC/PromisesObjC-dummy.m	1	88e8254cc3d80fa0b42f424207d592a 3a437c44002ec3e8927fca629b437c1 f2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/PromisesObjC/PromisesObjC-Info.plist	1	817dba1956b1eeabf4b09a35cee658a c45f4b9868099b5f82a4825ef939355 1f
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/PromisesObjC/PromisesObjC-umbrella.h	1	013a0ad2d089cba86279ea3a24c6cc8 4bba76206d02daacfa90c8727a75f46 e0
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/SwiftyJSON/SwiftyJSON-dummy.m	1	d429e02f187a470a45eda2c50d7cc70 d11a11a6f33591c7369309310f7a4db e3
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/SwiftyJSON/SwiftyJSON-Info.plist	1	3d4c69713be3cc510738b7c61660e0 6707cb9d9ba07cd73ed901903c19ec 827a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/Pods/Target Support Files/SwiftyJSON/SwiftyJSON-umbrella.h	1	5faa29fee0a1eeff2a23c65b7c6e2f018 bf50a0dff509e480b1b0db570aae818
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Extention/UIColor+Ext.swift	1	b76ea0e55eeca96196baca1bcf05bcc 04593c0520bf079455ad7afedc5da10 31
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Extention/UIViewController +Ext.swift	2	c32aa6f169d21424d019a0dc3ce6699 170764c9c323dc200ec15482d2e122 16a
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Helper/LoadView.swift	2	f29ce3bd74bd54c05d98893daa83bb5 a5c5b74606aa76e527608dff4cd25be 4c
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Helper/WTMiscHelper.swift	2	dce321e12a6bf1b67529d4d9bdabdbc 7c20ae47a4a5e54dfbafb0c27963752 6b
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Player/HamiMethodForWTPl ayer.swift	26	5f2982972229cdbbd788b615e03133 de5a2a805309321d30b544ef91a92ef 766
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Player/WTPlayerViewContro ller.swift	24	28963feebdc1e968729599f4d925c8b ad4d498f33aaeb28377d21fca9f9450 ae
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Player/WTSeekView.swift	7	527d28de93f1a49ad1e2530ad43807 5ce35d31aed7021465c43357c6f8ace 158
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/AllDayPr	11	9585abdbdc349fc4e78e412256fcd9a 266fd1ded18be8bdfd36e4c3b9749d2



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HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/AllDayPr ogrameView.xib	24	f2c2825809605151 56190d197c966693 7d9f	. 138A W 10A 1 A 1
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/Channel ControlView.swift	32	cdc306173af7cb7c6 bd0b7529bdb3e4f7 d5	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/Channel RemindView.swift	2	37b4c19c48e83448 6bf1b6d2d79ca6a5 fb	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/ControlC ategoryCell.swift	2	beefd89c7f7d45ef6 3991d3594b930a1 7c	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/ControlC ategoryCell.xib	4	5090cfeaa79b7639 df0f02c710b24f100	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/DayProgrameViewCell.swift		eab66f517977dba6 fdecbc9205988cc72 7	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/DayProgrameViewCell.xib		e214f47932885aad 0a99ffb5e2d59aaal 8d	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/SettingPl ayerButton.swift		1875e8f5bcdf1e1c4 ffb2853f8ce219c2fl	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/TVPlayer ControlView.swift	12	7c87953000d49596 cffb7a33b321a6963	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/TVPlayer ControlView.xib	43	88d1cb541f579a0f 22cf30171d43f333	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/VODPlay erControlView.swift	19	c94a08e2e3a76c98 86e9e98f8eb5978e 2b	2100AAV 2
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/VODSeri esViewCell.swift	2	17e29172df032036 97e922d3e13e93f1 dcb4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/WTSettingOption.swift		bdcd94df5c218fcfb b91a07fc195f268b4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/PlayerControlView/WTSettingView.swift		374557fc9a62a7a1 10c77b2f481ce4e6 26	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/WTPlayerDataSource.swift	8	5a931165faae1dbd d7da784e0cdeb846 c4	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Xib/WTSettingOption.xib	5	5adb684efb0223d0 9f76f69098ada244 d1	
HamiVideo_tvOS_20210913_v2.2.5/HamiVide o_tvOS/WTPlayer/Xib/WTSettingView.xib	6	ea69a26514708546 b13e33ded4d41449 683	

# 已掃描的查詢



15 M	查詢名稱	45,60	找到的問題
Jailbrake File Referenced By Name	- 1011 / 10 Vin	THE STATE OF THE S	57
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Client Cookies Inspection	3 12 0 11		0
Client Cross Session Contamination	on	- 40 %	0
Client CSS Injection			0
Client DB Parameter Tampering		**	0
Client DOM Code Injection			0
Client DOM Cookie Poisoning			0
Client DOM Open Redirect	1 1 1 1 1 1 1		0
Client DOM Stored Code Injection			0
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Client DoS By Sleep		W	0
Client Empty Password			0
Client Hardcoded Domain	- THE BUYE		0
Client Header Manipulation	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 D. H. B. H.	0
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Client HTML5 Store Sensitive data In Web Storage		0
Client Insecure Randomness	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0
Client Insufficient Key Size		0
Client JQuery Deprecated Symbols	CD THE STATE OF TH	0
Client Located JQuery Outdated Lib File		0
Client Manual XSRF Token Handling		0
Client Negative Content Length		0
Client Null Password	- 1 3 V	0
Client Overly Permissive Message Posting		0
Client Password In Comment	THE SEC. OF THE PERSON NAMED IN	0
Client Password Weak Encryption	CP THE BOTTOM	0
Client Path Manipulation		0
Client Potential Ad Hoc Ajax		0
Client Potential Code Injection		0
Client Potential DOM Open Redirect		0
Client Potential ReDoS In Match		0
Client Potential ReDoS In Replace	THE RELATIONS	0
Client Potential XSS	W. H. B. B. F.	0
Client Privacy Violation	W. P. W.	0
Client ReDoS From Regex Injection	*	0
Client ReDoS In Match		0
Client ReDos In RegExp	J. 37.1	0
Client ReDoS In Replace		0
Client Reflected File Download	THE SECOND SECOND	0
Client Regex Injection	Charles and the second	0
Client Remote File Inclusion		0
Client Resource Injection		0
Client Sandbox Allows Scripts With Same Origin	-7 lFr	0
Client Second Order Sql Injection	4137	0
Client Server Empty Password		0
Client SQL Injection		0
Client Untrusted Activex	Day of	0
Client Use Of Deprecated SQL Database		0
Client Use Of Iframe Without Sandbox		0
Client Use Of JQuery Deprecated Version	- 15Tu	0
Client Weak Cryptographic Hash	- 18 B	0
Client Weak Encryption		0
Client Weak Password Authentication		0
Client XPATH Injection	Charles and the second	0
Clipboard Information Leakage		0
Code Injection		0
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Command Injection	47.00	- C 979 · · · · · ·
Cookie Poisoning		0
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Cordova File Disclosure	The state of the s	0
Cordova File Manipulation		0
Cordova Insufficient Domain Whitelist		0
Cordova Missing Content Security Policy	- Mi	0



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Cordova Open Redirect		0
Cordova Permissive Content Security Policy	The state of the s	0
Cordova Privacy Violation		0
CSV Injection		0
Cut And Paste Leakage		0
Deserialization of Untrusted Data		0
Divide By Zero		0
Format String Attack		0
Frameable Login Page	1 1 1 1 1 1 1	0
Hardcoded Absolute Path	11 20 M 11 M	0
Hardcoded password in Connection String	(D 3 2 2 3 N	0
Heap Inspection		0
HTTP Response Splitting	⇒	0
Improper Certificate Validation		0
Improper Implementation of NSSecureCoding	-CFC 1574	0
Improper Resource Shutdown or Release		0
Incorrect Initialization		0
Information Exposure Through an Error Message	CO TO THE REAL PROPERTY.	0
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Information Exposure Through Log Files		-
Information Exposure Through Log Files	20,00	0
Information Exposure Through Query String		0
Information Exposure Through Query Strings		0
Information Leak Through Response Caching		0
Insecure Data Storage		0
Insecure Direct Object References	- 6	0
Insecure Storage of Sensitive Data		0
Insecure Text Entry		0
Insufficient Encryption Key Size		0
Insufficient Transport Layer Input		0
Insufficient Transport Layer Output		0
Insufficient Transport Layer Security	The state of the s	0
Insufficiently Protected Credentials		0
iOS Improper Resource Release Shutdown		0
Jelly Injection		0
Jelly XSS		0
JSON Hijacking	THE REPORT OF	0
Kony Code Injection	大學 电电	0
Kony Deprecated Functions	The state of the s	0
Kony Hardcoded EncryptionKey	B 4	0
Kony Information Leakage		0
Kony Path Injection	10 Pr	0
Kony Reflected XSS		0
Kony Second Order SQL Injection		0
Kony SQL Injection	A THE STREET	0
Kony Stored Code Injection	The state of the s	0
Kony Stored XSS	- B 4 -	0
Kony Unsecure Browser Configuration		<u> </u>
Kony onsecure browser Configuration	- 18to	0



- Alexander - Alex	
Kony Unsecure iOSBrowser Configuration	0
Kony URL Injection	0
Kony Use WeakEncryption	0
Kony Use WeakHash	0
Lightning DOM XSS	0
Lightning Stored XSS	0
Log Forging	0
Missing Certificate Pinning	0
Missing CSP Header	0
Missing Encryption of Sensitive Data	0
Missing HSTS Header	0
Missing Root Or Jailbreak Check	0
MongoDB NoSQL Injection	0
NSPredicate Injection	0
NSPredicate Injection Via Deserialization	0
Null Password	0
Open Redirect	0
Overly Permissive Cross Origin Resource Sharing Policy	0
Parameter Tampering	0
Password In Comment	0
Password Weak Encryption	0
Path Manipulation	0
Path Traversal	0
Plain Text Transport Layer	0
Plaintext Storage of a Password	0
Poor Authorization and Authentication	0
Poor Database Access Control	0
Potential Clickjacking on Legacy Browsers	0
Potential ReDoS	0
Potentially Vulnerable To Xsrf	0
Privacy Violation	0
React Deprecated	0
ReDoS	0
ReDOS in RegExp	0
Reflected XSS	0 000
Reflected XSS All Clients	0
SAPUIS Deprecated Symbols	0
SAPUI5 Hardcoded Userld In Comments	0
SAPUI5 Potential Malicious File Upload	0
SAPUIS Use Of Hardcoded URL	0
Second Order SQL Injection	0
Security Misconfiguration	0
Sensitive Data In Temp Folders	0
Server DoS by loop	0
Server DoS by sleep	0
Side Channel Data Leakage	0
	0
SQL Injection SSL Verification Bypass	0
JUL VEHIICALIUH DYDASS	U



Stored Code Injection	0
Stored Path Traversal	0
Stored XSS	0
Third Party Keyboards On Sensitive Field	0
UDP Protocol Used	0
Unchecked Return Value	0
Unencrypted Sensitive Data Storage	0
Universal XSS	0
Unprotected Cookie	0
Unsafe Reflection	0
Unsafe Use Of Target blank	0
Unsecure Deserialization	0
URL Injection	0
Use Of Controlled Input On Sensitive Field	0
Use of Deprecated or Obsolete Functions	0
Use of Hardcoded Cryptographic Key	0
Use Of Hardcoded Password	0
Use Of HTTP Sensitive Data Exposure	0
Use of Obsolete Functions	0
VF Remoting Client Potential Code Injection	0
VF Remoting Client Potential XSRF	0
VF Remoting Client Potential XSS	0
Vue DOM XSS	0
XML External Entities XXE	0
XML External Entity	0
XS Code Injection	0
XS Log Injection	0
XS Open Redirect	0 0
XS Overly Permissive CORS	0
XS Parameter Tampering	0
XS Potentially Vulnerable To Clickjacking	0
XS Reflected XSS	0
XS Response Splitting	0
XS Second Order SQL Injection	0
XS SQL Injection	0 20 50
XS Stored Code Injection	0
XS Stored XSS	0
XS Unencrypted Data Transfer	0
XS Use Of Hardcoded URL	0
XS XSRF	0
XSRF	0



# 掃描結果詳細資料

## App Transport Security Bypass

查詢路徑:

Objc\Cx\ObjectiveC High Risk\App Transport Security Bypass 版本:1

類別

OWASP Mobile Top 10 2016: M3-Insecure Communication

#### 描述

#### App Transport Security Bypass\路徑 1:

嚴重程度: 高風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=1

應用傳輸安全 (App Transport Security, ATS)在行號 1

中被禁用。這可能導致檔案暴露。不應禁用應用傳輸安全 (App Transport Security,

ATS), 以符合蘋果商店的安全法規並強化應用程式安全。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS copy-Info.plist	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS copy-Info.plist
行	1	1
物件	NSAllowsArbitraryLoads	NSAllowsArbitraryLoads

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS copy-

Info.plist

方法 <?xml version="1.0" encoding="UTF-8"?>

1. <?xml version="1.0" encoding="UTF-8"?>

#### App Transport Security Bypass\路徑 2:

嚴重程度: 高風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=2

應用傳輸安全 (App Transport Security, ATS)在行號 1

中被禁用。這可能導致檔案暴露。不應禁用應用傳輸安全 (App Transport Security,

ATS), 以符合蘋果商店的安全法規並強化應用程式安全。

來源 目的地



檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS copy2-Info.plist	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS copy2-Info.plist
行		1
物件	NSAllowsArbitraryLoads	NSAllowsArbitraryLoads

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS copy2-

Info.plist

方法 <?xml version="1.0" encoding="UTF-8"?>

1. <?xml version="1.0" encoding="UTF-8"?>

#### App Transport Security Bypass\路徑 3:

嚴重程度: 高風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=3

狀態 反覆出現的問題

應用傳輸安全 (App Transport Security, ATS)在行號 1

中被禁用。這可能導致檔案暴露。不應禁用應用傳輸安全 (App Transport Security,

ATS), 以符合蘋果商店的安全法規並強化應用程式安全。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Info.plist	A WTU
行	1	
物件	NSAllowsArbitraryLoads	NSAllowsArbitraryLoads

代碼片斷 檔案名稱

方法

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Info.plist

<?xml version="1.0" encoding="UTF-8"?>

1. <?xml version="1.0" encoding="UTF-8"?>

#### App Transport Security Bypass\路徑 4:

嚴重程度: 高風險結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=4



應用傳輸安全 (App Transport Security, ATS)在行號 1 中被禁用。這可能導致檔案暴露。不應禁用應用傳輸安全 (App Transport Security, ATS), 以符合蘋果商店的安全法規並強化應用程式安全。

		來源	目的地
	檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS_simulator copy-Info.plist	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS_simulator copy-Info.plist
	行	1	1
Q	物件	NSAllowsArbitraryLoads	NSAllowsArbitraryLoads
	A PA		
代碼片斷 檔案名稱 HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/HamiVideo_tvOS_simu copy-Info.plist 方法 xml version="1.0" encoding="UTF-8"?			
		1. xml version="1.0" encoding="U</td <td>JTF-8"?&gt;</td>	JTF-8"?>

## Signed Memory Arithmetic

查詢路徑:

Objc\Cx\Apple Secure Coding Guide\Signed Memory Arithmetic 版本:1

類別

OWASP Mobile Top 10 2016: M7-Client Code Quality

#### 描述

#### Signed Memory Arithmetic\路徑 1:

嚴重程度: 高風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=5

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m 中第 249 行的 PB\_BYTES\_ARRAY\_T\_ALLOCSIZE 有號整數, 設定了能分配的記憶體大小。

		來源	目的地
	檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/Record/FIR CLSReportAdapter.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
	行	250	250
\	物件	PB_BYTES_ARRAY_T_ALLOCSIZE	PB_BYTES_ARRAY_T_ALLOCSIZE

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m



```
方法

pb_bytes_array_t *FIRCLSEncodeData(NSData *data) {
....
250. pb_bytes_array_t *pbBytes =
malloc(PB_BYTES_ARRAY_T_ALLOCSIZE(data.length));
```

#### Signed Memory Arithmetic\路徑 2:

嚴重程度: 高風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=6

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GD TCCTLibrary/GDTCCTNanopbHelpers.m 中第 43 行的 PB\_BYTES\_ARRAY\_T\_ALLOCSIZE 有號整數, 設定了能分配的記憶體大小。

	來源	目的地
檔案	iVideo_tvOS/Pods/GoogleDataTransport/	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/GDTCCTNanopbHelpers.m
行	44	44
物件	PB_BYTES_ARRAY_T_ALLOCSIZE	PB_BYTES_ARRAY_T_ALLOCSIZE

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelpers.m

方法 pb\_bytes\_array\_t \*GDTCCTEncodeData(NSData \*data) {

....
44. pb\_bytes\_array\_t \*pbBytesArray = calloc(1,
PB BYTES ARRAY T ALLOCSIZE(data.length));

## Signed Memory Arithmetic\路徑 3:

嚴重程度: 高風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=7

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS UUID.m 中第 33 行的 FIRCLSUUIDStringLength 有號整數, 設定了能分配的記憶體大小。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSUUID.m	
行	19	34
物件	FIRCLSUUIDStringLength	FIRCLSUUIDStringLength



檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSUUID.m

方法 static NSInteger const FIRCLSUUIDStringLength = 33;

static NSInteger const FIRCLSUUIDStringLength = 33;

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSUUID.m

方法 NSString \*FIRCLSUUIDToNSString(const uint8 t \*uuid) {

char uuidString[FIRCLSUUIDStringLength];

## Screen Caching

Objc\Cx\ObjectiveC Medium Threat\Screen Caching 版本:0

類別

OWASP Mobile Top 10 2016: M1-Improper Platform Usage

#### 描述

#### Screen Caching\路徑 1:

中風險 嚴重程度: 校驗 結果狀態:

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=8

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/HamiVideo tvOS/View/MemberArea/MoreProductQ RCodeView.swift 第 12 行的 UI 元件 MoreProductQRCodeView

在螢幕上暴露敏感資訊. 且沒有預防任何後台螢幕截圖的措施。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/View/Mem berArea/MoreProductQRCodeView.swift	1995 V /h / <del>-</del> 17 - 17 - 1995 V /h /h /h
行	12	12
物件	MoreProductQRCodeView	MoreProductQRCodeView

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/View/Me

mberArea/MoreProductQRCodeView.swift

方法 class MoreProductQRCodeView: UIView {



.... 12. class MoreProductQRCodeView: UIView {

#### Screen Caching\路徑 2:

嚴重程度: 中風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=9

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/View/MemberArea/PreferentialExc hangeBoxCell.swift 第 15 行的 UI 元件 dateRangeLabel

在螢幕上暴露敏感資訊, 且沒有預防任何後台螢幕截圖的措施。

	來源	目的地
檔案	iVideo_tvOS/HamiVideo_tvOS/View/Mem	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/View/Mem berArea/PreferentialExchangeBoxCell.swift
行	15	15
物件	dateRangeLabel	dateRangeLabel

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/View/Me

mberArea/PreferentialExchangeBoxCell.swift

方法 @IBOutlet weak var dateRangeLabel:UILabel!

. . . .

15. @IBOutlet weak var dateRangeLabel:UILabel!

#### Screen Caching\路徑 3:

嚴重程度: 中風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=10

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/View/MemberArea/TicketCell.swift 第 39 行的 UI 元件 expireDateLabel 在螢幕上暴露敏感資訊, 且沒有預防任何後台螢幕截圖的措施。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/View/Mem berArea/TicketCell.swift	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/View/Mem berArea/TicketCell.swift
行	39	39
物件	expireDateLabel	expireDateLabel

代碼片斷



檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/View/Me

mberArea/TicketCell.swift

方法 @IBOutlet weak var expireDateLabel: UILabel!

39. @IBOutlet weak var expireDateLabel: UILabel!

## Jailbrake File Referenced By Name

查詢路徑:

Objc\Cx\Apple Secure Coding Guide\Jailbrake File Referenced By Name 版本:1

類別

OWASP Top 10 2013: A4-Insecure Direct Object References OWASP Mobile Top 10 2016: M10-Extraneous Functionality

#### 描述

## Jailbrake File Referenced By Name\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=11

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m 在第 346 行的 writeToFile:options:error: 方法. 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	349	349
物件	writeToFile:options:error:	writeToFile:options:error:

## 代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法 dispatch\_async(\_storageQueue, ^{

....
349. if ([data writeToFile:dataPath options:NSDataWritingAtomic error:&error]) {

#### Jailbrake File Referenced By Name\路徑 2:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=12



HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m 在第 312 行的 writeToFile:options:error:

## 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	325	325
物件	writeToFile:options:error:	writeToFile:options:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法 dispatch\_async(\_storageQueue, ^{

#### Jailbrake File Referenced By Name\路徑 3:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=13

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 126 行的 write:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	
行	148	148
物件	write:error:	write:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 public func store(

148. try data.write(to: fileURL)

#### Jailbrake File Referenced By Name\路徑 4:

嚴重程度: 低風險結果狀態: 校驗



線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=14

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCore/FirebaseCore/Sources/FIROptions. m 在第 113 行的 dictionaryWithContentsOfFile: 方法, 使用檔案名稱存取檔案。

	• 0	
	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCore/Firebase Core/Sources/FIROptions.m	
行	118	118
物件	dictionaryWithContentsOfFile:	dictionaryWithContentsOfFile:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCore/Firebas

eCore/Sources/FIROptions.m

方法 dispatch\_once(&sDefaultOptionsDictionaryOnceToken, ^{

. . . .

118. sDefaultOptionsDictionary = [NSDictionary

dictionaryWithContentsOfFile:plistFilePath];

#### Jailbrake File Referenced By Name\路徑 5:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=15

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCore/FirebaseCore/Sources/FIROptions. m 在第 182 行的 dictionaryWithContentsOfFile: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCore/Firebase Core/Sources/FIROptions.m	
行	189	189
物件	dictionaryWithContentsOfFile:	dictionaryWithContentsOfFile:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCore/Firebas

eCore/Sources/FIROptions.m

方法 - (instancetype)initWithContentsOfFile:(NSString \*)plistPath {

....
189. \_optionsDictionary = [[NSDictionary
dictionaryWithContentsOfFile:plistPath] mutableCopy];

#### Jailbrake File Referenced By Name\路徑 6:



嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=16

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSFileManager.m 在第 263 行的 dataWithContentsOfFile: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m
行	264	264
物件	dataWithContentsOfFile:	dataWithContentsOfFile:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSFileManager.m

方法 - (NSData \*)dataWithContentsOfFile:(NSString \*)path {

. . . .

264. return [NSData dataWithContentsOfFile:path];

## Jailbrake File Referenced By Name\路徑 7:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=17

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSSettings.m 在第 65 行的 dataWithContentsOfFile: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSSetti ngs.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	69	69
物件	dataWithContentsOfFile:	dataWithContentsOfFile:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSSettings.m

方法 - (void)reloadFromCacheWithGoogleAppID:(NSString \*)googleAppID



....
69. NSData \*data = [self.fileManager
dataWithContentsOfFile:settingsFilePath];

#### Jailbrake File Referenced By Name\路徑 8:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=18

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Mod els/Record/FIRCLSReportAdapter.m 在第 85 行的 initWithContentsOfFile:encoding:error:

方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/Record/FIR CLSReportAdapter.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/Record/FIR CLSReportAdapter.m
行	86	86
物件	initWithContentsOfFile:encoding:error:	initWithContentsOfFile:encoding:error:

代碼片斷

方法

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m

+ (NSArray<NSDictionary \*> \*)dictionariesFromEachLineOfFile:(NSString

\*)filePath {

. . . .

36. NSString \*content = [[NSString alloc]

initWithContentsOfFile:filePath

#### Jailbrake File Referenced By Name\路徑 9:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=19

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GD TCORLibrary/GDTCORFlatFileStorage.m 在第 312 行的 dataWithContentsOfFile:options:error:

方法, 使用檔案名稱存取檔案。

	來源	目的地
	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	



行	315	315
物件	dataWithContentsOfFile:options:error:	dataWithContentsOfFile:options:error:

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法 dispatch\_async(\_storageQueue, ^{

....
315. NSData \*data = [NSData dataWithContentsOfFile:dataPath
options:0 error:&error];

#### Jailbrake File Referenced By Name\路徑 10:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=20

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSSettings.m 在第 176 行的 dataWithContentsOfFile: 方法, 使用檔案名稱存取檔案。

	8 -11	
	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/C	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSSettings.m
行	178	178
物件	dataWithContentsOfFile:	dataWithContentsOfFile:

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSSettings.m

方法 - (NSDictionary \*)loadCacheKey {

.... 178. [self.fileManager

dataWithContentsOfFile:self.fileManager.settingsCacheKeyPath];

## Jailbrake File Referenced By Name\路徑 11:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=21

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Mod els/Record/FIRCLSReportAdapter.m 在第 160 行的 dataWithContentsOfFile:options:error: 方法. 使用檔案名稱存取檔案。



	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/Record/FIR CLSReportAdapter.m	
行	176	176
物件	dataWithContentsOfFile:options:error:	dataWithContentsOfFile:options:error:

方法

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m

- (google\_crashlytics\_FilesPayload)protoFilesPayload {

. . . .

176. file.contents = FIRCLSEncodeData([NSData

dataWithContentsOfFile:clsRecords[i]

#### Jailbrake File Referenced By Name\路徑 12:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=22

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleUtilities/GoogleUtilities/Environment/GULHeartbeatDateStorage.m 在第 153 行的 writeToURL:atomically: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	iVideo_tvOS/Pods/GoogleUtilities/Google	
行	165	165
物件	writeToURL:atomically:	writeToURL:atomically:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleUtilities/Google

Utilities/Environment/GULHeartbeatDateStorage.m

方法 - (BOOL)writeDictionary:(NSDictionary \*)dictionary

• • • •

165. return [data writeToURL:writingFileURL atomically:YES];

#### Jailbrake File Referenced By Name\路徑 13:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=23



HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS Networking/FIRCLSMultipartMimeStreamEncoder.m 在第 173 行的 dataWithContentsOfURL:

#### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSNetworking/FIR CLSMultipartMimeStreamEncoder.m	
行	177	177
物件	dataWithContentsOfURL:	dataWithContentsOfURL:

代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLSNetworking/FIRCLSMultipartMimeStreamEncoder.m

方法 - (void)addFile:(NSURL \*)fileURL

177. NSData \*data = [NSData dataWithContentsOfURL:fileURL];

#### Jailbrake File Referenced By Name\路徑 14:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=24

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleUtilities/GoogleUtilities/Environment/GU LHeartbeatDateStorage.m 在第 132 行的 dataWithContentsOfURL:options:error:

#### 方法. 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleUtilities/Google Utilities/Environment/GULHeartbeatDate Storage.m	
行	136	136
物件	dataWithContentsOfURL:options:error:	dataWithContentsOfURL:options:error:

代碼片斷 檔案名稱

方法

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleUtilities/Google Utilities/Environment/GULHeartbeatDateStorage.m

- (NSDictionary \*)heartbeatDictionaryWithFileURL:(NSURL \*)readingFileURL {

136. NSData \*objectData = [NSData
dataWithContentsOfURL:readingFileURL options:0 error:&error];



#### Jailbrake File Referenced By Name\路徑 15:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=25

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSCodeMapping.m 在第 25 行的 initWithURL: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSC odeMapping.m	iVideo tvOS/Pods/FirebaseCrashlytics/Cr
行	26	26
物件	initWithURL:	initWithURL:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSCodeMapping.m

方法 + (instancetype)mappingWithURL:(NSURL\*)URL {

. . . .

26. return [[self alloc] initWithURL:URL];

#### Jailbrake File Referenced By Name\路徑 16:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=26

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSdSYM.m 在第 29 行的 initWithURL: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSd SYM.m	
行	30	30
物件	initWithURL:	initWithURL:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSdSYM.m

方法 + (id)dSYMWithURL:(NSURL\*)url {



```
....
30. return [[self alloc] initWithURL:url];
```

#### Jailbrake File Referenced By Name\路徑 17:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=27

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSdSYM.m 在第 33 行的 initWithURL: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSd SYM.m
行	72	72
物件	initWithURL:	initWithURL:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSdSYM.m

方法 - (id)initWithURL:(NSURL\*)url {

72. \_binary = [[FIRCLSMachOBinary alloc] initWithURL:[NSURL

fileURLWithPath:path]];

#### Jailbrake File Referenced By Name\路徑 18:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=28

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSMachOBinary.m 在第 34 行的 initWithURL: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSM achOBinary.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	35	35
物件	initWithURL:	initWithURL:

代碼片斷



檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSMachOBinary.m

方法 + (id)MachOBinaryWithPath:(NSString\*)path {

35. return [[self alloc] initWithURL:[NSURL fileURLWithPath:path]];

#### Jailbrake File Referenced By Name\路徑 19:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=29

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSFileManager.m 在第 55 行的 createFileAtPath:contents:attributes:

#### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	58	58
物件	createFileAtPath:contents:attributes:	createFileAtPath:contents:attributes:
代碼片斷		
檔案名稱	HamiVideo_tvOS_20210913_v2.2.5/Ha rashlytics/Crashlytics/Models/FIRCLSFil	miVideo_tvOS/Pods/FirebaseCrashlytics/C eManager.m

方法

- (BOOL)createFileAtPath:(NSString \*)path

....
58. return [\_underlyingFileManager createFileAtPath:path
contents:data attributes:attr];

#### Jailbrake File Referenced By Name\路徑 20:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=30

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSFileManager.m 在第 105 行的 moveItemAtPath:toPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr



行	118	118	
物件	moveItemAtPath:toPath:error:	moveItemAtPath:toPath:error:	
代碼片斷			
檔案名稱	HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSFileManager.m		
方法 - (BOOL)moveItemAtPath:(NSString *)path toDirectory:(NSString *)des			
	118. if (![[self underlyingFileManager] moveItemAtPath:path toPath:destPath error:&error]) {		

Jailbrake File Referenced By Name\路徑 21:

嚴重程度: 低風險 校驗 結果狀態:

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=31

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/Crashlytics/Mod els/FIRCLSFileManager.m 在第 258 行的 moveItemAtPath:toPath:error: 方法. 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m	
行	259	259
物件	moveItemAtPath:toPath:error:	moveItemAtPath:toPath:error:

代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSFileManager.m

方法 - (BOOL)moveItemAtPath:(NSString \*)srcPath toPath:(NSString \*)dstPath

error:(NSError \*\*)error {

259. return [self.underlyingFileManager moveItemAtPath:srcPath

toPath:dstPath error:error];

#### Jailbrake File Referenced By Name\路徑 22:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=32

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Setti ngs/Operations/FIRCLSDownloadAndSaveSettingsOperation.m 在第 103 行的 moveItemAtPath:toPath:error: 方法, 使用檔案名稱存取檔案。



	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Settings/Operations/FIRCLSDownloadAndSaveSettingsOperation.m	ashlytics/Crashlytics/Settings/Operations
行	121	121
物件	moveItemAtPath:toPath:error:	moveItemAtPath:toPath:error:
15 BB 15		

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Settings/Operations/FIRCLSDownloadAndSaveSettingsOper

ation.m

方法 completionHandler:^(NSURL \*location, NSURLResponse \*response, NSError

\*error) {

121.

if (![self.fileManager

moveItemAtPath:location.path

## Jailbrake File Referenced By Name\路徑 23:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=33

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m 在第 504 行的 moveItemAtPath:toPath:error:

#### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	523	523
物件	moveItemAtPath:toPath:error:	moveItemAtPath:toPath:error:

代碼片斷

方法

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m - (BOOL)moveContentsOfDirectoryAtPath:(NSString \*)sourcePath

---

if (![fileManager moveItemAtPath:contentSourcePath

## Jailbrake File Referenced By Name\路徑 24:

嚴重程度: 低風險



結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=34

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSReportUploader.m 在第 88 行的 moveItemAtPath:toDirectory:

#### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLS ReportUploader.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	101	101
物件	moveItemAtPath:toDirectory:	moveItemAtPath:toDirectory:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSReportUploader.m

方法 FIRCLSApplicationActivityDefault, @"Crashlytics Crash Report Processing", ^{

101. if (![self.fileManager moveItemAtPath:report.path

#### Jailbrake File Referenced By Name\路徑 25:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=35

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSReportUploader.m 在第 88 行的 moveItemAtPath:toDirectory:

# 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLS ReportUploader.m	
行	126	126
物件	moveItemAtPath:toDirectory:	moveItemAtPath:toDirectory:

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSReportUploader.m

方法 FIRCLSApplicationActivityDefault, @"Crashlytics Crash Report Processing", ^{



if (![self.fileManager moveItemAtPath:report.path

## Jailbrake File Referenced By Name\路徑 26:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=36

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m 在第 198 行的 moveItemAtPath:toPath:error:

方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案		HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCORLibrary/GDTCORFlatFileStorage.m
行	220	220
物件	moveItemAtPath:toPath:error:	moveItemAtPath:toPath:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法 dispatch\_async(queue, ^{

220. [[NSFileManager defaultManager] moveItemAtPath:eventPath

#### Jailbrake File Referenced By Name\路徑 27:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=37

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Mod els/FIRCLSFileManager.m 在第 79 行的 removeItemAtPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m
行	83	83
物件	removeItemAtPath:error:	removeItemAtPath:error:



代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSFileManager.m

方法 - (BOOL)removeItemAtPath:(NSString \*)path {

> if (![[self underlyingFileManager] removeItemAtPath:path 83.

error:&error] || !path) {

#### Jailbrake File Referenced By Name\路徑 28:

低風險 嚴重程度: 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=38

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Setti ngs/Operations/FIRCLSDownloadAndSaveSettingsOperation.m 在第 103 行的 removeItemAtPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Settings/Operations/FIRCLSDownloadAndSaveSettingsOperation.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Settings/Operations
行	115	115
物件	removeItemAtPath:error:	removeItemAtPath:error:

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Settings/Operations/FIRCLSDownloadAndSaveSettingsOper

ation.m

方法 completionHandler: ^(NSURL \*location, NSURLResponse \*response, NSError

\*error) {

[self.fileManager 115.

removeItemAtPath:self.settingsDirectoryPath error:nil];

#### Jailbrake File Referenced By Name\路徑 29:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=39

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCORLibrary/GDTCORFlatFileStorage.m 在第 395 行的 removeItemAtPath:error: 方法. 使用檔案名稱存取檔案。



	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	444	444
物件	removeItemAtPath:error:	removeItemAtPath:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法 dispatch\_async(\_storageQueue, ^{

444. [fileManager removeItemAtPath:pathToDelete

error: &error];

### Jailbrake File Referenced By Name\路徑 30:

嚴重程度: 低風險結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=40

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSExistingReportManager.m 在第 188 行的 removeItemAtPath:

#### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLSE xistingReportManager.m
行	189	189
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSExistingReportManager.m

方法 [self.operationQueue addOperationWithBlock:^{

189. [self.fileManager removeItemAtPath:path];

### Jailbrake File Referenced By Name\路徑 31:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=41



#### 

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSExistingReportManager.m 在第 102 行的 removeItemAtPath:

# 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLSE xistingReportManager.m	
行	103	103
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSExistingReportManager.m

方法 [self.operationQueue addOperationWithBlock:^{

103. [self.fileManager removeItemAtPath:path];

# Jailbrake File Referenced By Name\路徑 32:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=42

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSExistingReportManager.m 在第 218 行的 removeItemAtPath:

### 方法, 使用檔案名稱存取檔案。

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GIMAN HITTANIANO	
	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLSE xistingReportManager.m
行	220	220
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSExistingReportManager.m

....
220. [self.fileManager removeItemAtPath:path];



### Jailbrake File Referenced By Name\路徑 33:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=43

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSExistingReportManager.m 在第 135 行的 removeItemAtPath:

方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLSE xistingReportManager.m
行	137	137
物件	removeItemAtPath:	removeItemAtPath:
THE THE SECTION		
代碼片斷		
檔案名稱	HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Controllers/FIRCLSExistingReportManager.m	
方法	[self.operationQueue addOperationWithBlock:^{	
	 137. [self.fileManager rem	noveItemAtPath:path];

### Jailbrake File Referenced By Name\路徑 34:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=44

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSReportUploader.m 在第 216 行的 removeItemAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLS ReportUploader.m	
行	217	217
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSReportUploader.m

方法 - (BOOL)cleanUpSubmittedReportAtPath:(NSString \*)path {



```
....
217. if (![[self fileManager] removeItemAtPath:path]) {
```

### Jailbrake File Referenced By Name\路徑 35:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=45

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSLaunchMarkerModel.m 在第 80 行的 removeItemAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSLaun chMarkerModel.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	81	81
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSLaunchMarkerModel.m

方法 - (BOOL)removeLaunchFailureMarker {

.... 31. return [ fileManager removeItemAtPath:[self

launchFailureMarkerPath]];

### Jailbrake File Referenced By Name\路徑 36:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=46

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Mod els/FIRCLSSettings.m 在第 193 行的 removeItemAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSSetti ngs.m	
行	196	196
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷



HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C 檔案名稱

rashlytics/Crashlytics/Models/FIRCLSSettings.m

方法 dispatch\_async(dispatch\_get\_global\_queue(DISPATCH\_QUEUE\_PRIORITY\_BACKG

ROUND, 0), ^{

196. [strongSelf.fileManager

removeItemAtPath:strongSelf.fileManager.settingsFilePath];

## Jailbrake File Referenced By Name\路徑 37:

低風險 嚴重程度: 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=47

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/Crashlytics/Mod els/FIRCLSSettings.m 在第 193 行的 removeItemAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSSetti ngs.m	
行	199	199
物件	removeItemAtPath:	removeItemAtPath:

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSSettings.m

方法 dispatch async(dispatch get global gueue(DISPATCH QUEUE PRIORITY BACKG

ROUND, 0), ^{

[strongSelf.fileManager 199.

removeItemAtPath:strongSelf.fileManager.settingsCacheKeyPath];

### Jailbrake File Referenced By Name\路徑 38:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=48

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCORLibrary/GDTCORFlatFileStorage.m 在第 553 行的 removeItemAtPath:error:

#### 方法. 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/



	GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	555	555
物件	removeItemAtPath:error:	removeItemAtPath:error:

代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法

void (^removeBatchDir)(NSString \*batchDirPath) = ^(NSString \*batchDirPath) {

```
555. if ([fileManager removeItemAtPath:batchDirPath error:&error])
{
```

### Jailbrake File Referenced By Name\路徑 39:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=49

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Components/FIRCLSUserLogging.m 在第 443 行的 removeItemAtPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Components/FIRCL SUserLogging.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	491	491
物件	removeItemAtPath:error:	removeItemAtPath:error:

代碼片斷

檔案名稱

 $HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/California and the control of the cont$ 

rashlytics/Crashlytics/Components/FIRCLSUserLogging.m

方法

void FIRCLSUserLoggingCheckAndSwapABFiles(FIRCLSUserLoggingABStorage \*storage,

491. [[NSFileManager defaultManager] removeItemAtPath:pathString error:nil];

#### Jailbrake File Referenced By Name\路徑 40:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=50

狀態 反覆出現的問題



HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m 在第 198 行的 removeItemAtPath:error:

#### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	206	206
物件	removeItemAtPath:error:	removeItemAtPath:error:

代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GOTCORLibrary/GDTCORFlatFileStorage.m

方法

dispatch\_async(queue, ^{

. . . .

06. [[NSFileManager defaultManager]

removeItemAtPath:eventPath error:nil];

#### Jailbrake File Referenced By Name\路徑 41:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=51

 $HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m~£\%~360~\%~b~removeItemAtPath:error:$ 

### 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	367	367
物件	removeItemAtPath:error:	removeItemAtPath:error:

代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

力法

dispatch\_async(\_storageQueue, ^{

....
367. if ([[NSFileManager defaultManager]
removeItemAtPath:dataPath error:&error]) {



#### Jailbrake File Referenced By Name\路徑 42:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=52

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSInternalReport.m 在第 146 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSInter nalReport.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	152	152
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSInternalReport.m

方法 - (BOOL)checkExistenceOfAtLeastOneFileInArray:(NSArray \*)files {

if ([manager fileExistsAtPath:path]) {

#### Jailbrake File Referenced By Name\路徑 43:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=53

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSdSYM.m 在第 33 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSd SYM.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	46	46
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSdSYM.m

方法 - (id)initWithURL:(NSURL\*)url {



```
....
46. if (![fileManager fileExistsAtPath:[url path]]) {
```

#### Jailbrake File Referenced By Name\路徑 44:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=54

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSdSYM.m 在第 33 行的 fileExistsAtPath:isDirectory: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSd SYM.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	58	58
物件	fileExistsAtPath:isDirectory:	fileExistsAtPath:isDirectory:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSdSYM.m

方法 - (id)initWithURL:(NSURL\*)url {

58. fileExistsAtPath = [fileManager fileExistsAtPath:path

isDirectory:&isDirectory];

#### Jailbrake File Referenced By Name\路徑 45:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=55

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Cont rollers/FIRCLSExistingReportManager.m 在第 169 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Controllers/FIRCLSE xistingReportManager.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	171	171
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷



檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Controllers/FIRCLSExistingReportManager.m

方法 [self.operationQueue addOperationWithBlock:^{

171. if (![[self.fileManager underlyingFileManager]
fileExistsAtPath:path]) {

Jailbrake File Referenced By Name\路徑 46:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=56

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Mod els/FIRCLSFileManager.m 在第 51 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	52	52
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSFileManager.m

方法 - (BOOL)fileExistsAtPath:(NSString \*)path {

....
52. return [\_underlyingFileManager fileExistsAtPath:path];

Jailbrake File Referenced By Name\路徑 47:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=57

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Mod els/FIRCLSLaunchMarkerModel.m 在第 76 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSLaun chMarkerModel.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	77	77



物件 fileExistsAtPath: fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSLaunchMarkerModel.m

方法 - (BOOL)launchFailureMarkerPresent {

77. return [[\_fileManager underlyingFileManager] fileExistsAtPath:[self launchFailureMarkerPath]];

Jailbrake File Referenced By Name\路徑 48:

嚴重程度: 低風險結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=58

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Models/FIRCLSSettings.m 在第 193 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSSetti ngs.m	
行	195	195
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSSettings.m

方法 dispatch\_async(dispatch\_get\_global\_queue(DISPATCH\_QUEUE\_PRIORITY\_BACKG

ROUND, 0), ^{

....
195. if ([strongSelf.fileManager
fileExistsAtPath:strongSelf.fileManager.settingsFilePath])

Jailbrake File Referenced By Name\路徑 49:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=59

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Mod els/FIRCLSSettings.m 在第 193 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

來源 目的地



檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSSetti ngs.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	198	198
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSSettings.m

方法 dispatch\_async(dispatch\_get\_global\_queue(DISPATCH\_QUEUE\_PRIORITY\_BACKG

ROUND, 0), ^{

```
....
198. if ([strongSelf.fileManager
fileExistsAtPath:strongSelf.fileManager.settingsCacheKeyPath]) {
```

### Jailbrake File Referenced By Name\路徑 50:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=60

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m 在第 360 行的 fileExistsAtPath: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m
行	366	366
物件	fileExistsAtPath:	fileExistsAtPath:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

方法 dispatch\_async(\_storageQueue, ^{

....
366. if ([[NSFileManager defaultManager]
fileExistsAtPath:dataPath]) {

#### Jailbrake File Referenced By Name\路徑 51:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=61

狀態 反覆出現的問題



HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/FirebaseCrashlytics/Crashlytics/Mod els/FIRCLSFileManager.m 在第 149 行的 attributesOfItemAtPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	151	151
物件	attributesOfItemAtPath:error:	attributesOfItemAtPath:error:

代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C rashlytics/Crashlytics/Models/FIRCLSFileManager.m

方法

- (NSNumber \*)fileSizeAtPath:(NSString \*)path {

NSDictionary \*attrs = [[self underlyingFileManager] attributesOfItemAtPath:path error:&error];

### Jailbrake File Referenced By Name\路徑 52:

嚴重程度: 低風險 結果狀態:

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=62

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 535 行的 setAttributes:ofItemAtPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	
行	562	562
物件	setAttributes:ofItemAtPath:error:	setAttributes:ofItemAtPath:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 func extendExpiration(with fileManager: FileManager, extendingExpiration:

ExpirationExtending) {

try? fileManager.setAttributes(attributes,

ofItemAtPath: url.path)

### Jailbrake File Referenced By Name\路徑 53:



結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=63

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 126 行的 setAttributes:ofItemAtPath:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	
行	163	163
物件	setAttributes:ofItemAtPath:error:	setAttributes:ofItemAtPath:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 public func store(

try config.fileManager.setAttributes(attributes, 163.

ofItemAtPath: fileURL.path)

### Jailbrake File Referenced By Name\路徑 54:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=64

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 190 行的 fileExists: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	M=3 = M 2 A
行	210	210
物件	fileExists:	fileExists:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 func value(

> quard fileManager.fileExists(atPath: filePath) else { 210.

# Jailbrake File Referenced By Name\路徑 55:



嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=65

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 126 行的 removeItem:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	
行	165	165
物件	removeItem:error:	removeItem:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 public func store(

165

try? config.fileManager.removeItem(at: fileURL)

# Jailbrake File Referenced By Name\路徑 56:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=66

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 283 行的 removeItem:error: 方法, 使用檔案名稱存取檔案。

4.1011.90		10 1 1
	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	. 1/2
行	284	284
物件	removeItem:error:	removeItem:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 func removeFile(at url: URL) throws {

284. try config.fileManager.removeItem(at: url)



#### Jailbrake File Referenced By Name\路徑 57:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=67

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/Cache/DiskStorage.swift 在第 293 行的 removeItem:error: 方法, 使用檔案名稱存取檔案。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/Kingfisher/Sources/Ca che/DiskStorage.swift
行	294	294
物件	removeItem:error:	removeItem:error:

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/Kingfisher/Sources/C

ache/DiskStorage.swift

方法 func removeAll(skipCreatingDirectory: Bool) throws {

294. try config.f

try config.fileManager.removeItem(at: directoryURL)

# **Unchecked CString Convertion**

查詢路徑:

Objc\Cx\Apple Secure Coding Guide\Unchecked CString Convertion 版本:1

類別

OWASP Mobile Top 10 2016: M7-Client Code Quality

#### 描述

#### Unchecked CString Convertion\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=72

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GD TCCTLibrary/GDTCCTNanopbHelpers.m 中第 43 行的 bytes 元素包含了從 CFString 物件轉換而來的 C字串, 但轉換完成後沒有檢查 bytes 的長度

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelpers.m	iVideo_tvOS/Pods/GoogleDataTransport/
行	46	46



物件bytesbytes代碼片斷<br/>檔案名稱HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelpers.m<br/>pb\_bytes\_array\_t \*GDTCCTEncodeData(NSData \*data) {方法....<br/>46. [data getBytes:pbBytesArray->bytes length:data.length];

#### Unchecked CString Convertion\路徑 2:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=73

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCORLibrary/GDTCORFlatFileStorage.m 中第 738 行的 Param 元素包含了從 CFString 物件轉換而來的 C 字串, 但轉換完成後沒有檢查 Param 的長度

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m	
行	740	740
物件	Param	Param

代碼片斷

方法

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCORLibrary/GDTCORFlatFileStorage.m

onFetchComplete:^(NSData \*\_Nullable data, NSError \*\_Nullable getValueError)

{

740. [data getBytes:(void \*)&lastBatchID

length:sizeof(int32 t)];

## Unchecked CString Convertion\路徑 3:

嚴重程度: 低風險結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=74

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Mod els/Record/FIRCLSReportAdapter.m 中第 124 行的 CFDataGetBytePtr 元素包含了從 CFString 物件轉換而來的 C 字串, 但轉換完成後沒有檢查 CFDataGetBytePtr 的長度



	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/Record/FIR CLSReportAdapter.m	
行	136	136
物件	CFDataGetBytePtr	CFDataGetBytePtr

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m

方法 - (NSData \*)transportBytes {

\*)CFDataGetBytePtr(dataRef), bufferSize);

# Unchecked CString Convertion\路徑 4:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=75

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelpers.m 中第 54 行的 CFDataGetBytePtr 元素包含了從 CFString物件轉換而來的 C 字串, 但轉換完成後沒有檢查 CFDataGetBytePtr 的長度

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelpers.m	iVideo_tvOS/Pods/GoogleDataTransport/
行	66	66
物件	CFDataGetBytePtr	CFDataGetBytePtr

代碼片斷 檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/GDTCCTNanopbHelpers.m

方法 NSData \*\_Nullable

GDTCCTEncodeBatchedLogRequest(gdt cct BatchedLogRequest

\*batchedLogRequest) {

....
66. pb\_ostream\_t ostream = pb\_ostream\_from\_buffer((void
\*)CFDataGetBytePtr(dataRef), bufferSize);

# **Unscrubbed Secret**

杳詢路徑:



Objc\Cx\Apple Secure Coding Guide\Unscrubbed Secret 版本:1

類別

OWASP Mobile Top 10 2016: M2-Insecure Data Storage

#### 描述

#### Unscrubbed Secret\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=69

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Extention/Notification+Ext.swift第71行的Notification.Name方法定義了 m\_ShowPasswordBox, 其中包含user passwords。雖然plaintext passwords 稍後assign給m ShowPasswordBox, 但該值永遠不會從memory中清除。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Extention/ Notification+Ext.swift	
行	71	71
物件	m_ShowPasswordBox	m_ShowPasswordBox

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Extention

/Notification+Ext.swift

方法 static let m\_ShowPasswordBox = Notification.Name("m\_ShowPasswordBox")

....
71. static let m\_ShowPasswordBox =
Notification.Name("m\_ShowPasswordBox")

#### Unscrubbed Secret\路徑 2:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=70

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Helper/SystemSettingHelper.swift 第15行的""方法定義了 password, 其中包含user passwords。雖然plaintext passwords 稍後assign給password, 但該值永遠不會從memory中清除。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Helper/Sy stemSettingHelper.swift	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Helper/Sy stemSettingHelper.swift
行	15	15
物件	password	password



代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Helper/Sy

stemSettingHelper.swift

方法 var password = ""

15. var password = ""

#### Unscrubbed Secret\路徑 3:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=71

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Helper/SystemSettingHelper.swift 第12行的{方法定義了 password, 其中包含user passwords。雖然plaintext passwords 稍後assign給password, 但該值永遠不會從memory中清除。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Helper/Sy stemSettingHelper.swift	
行	15	15
物件	password	password

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Helper/Sy

stemSettingHelper.swift

方法 struct SystemSetting {

15. var password = ""

# Use of Broken or Risky Cryptographic Algorithm

查詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Use of Broken or Risky Cryptographic Algorithm 版本:1

類別

OWASP Top 10 2013: A6-Sensitive Data Exposure

OWASP Mobile Top 10 2016: M5-Insufficient Cryptography

描述

# Use of Broken or Risky Cryptographic Algorithm\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=83

狀態 反覆出現的問題



## 在\*FIRCLSHashBytes中, 應用程式使用加密演算法保護敏感的資料,

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS ByteUtility.m中, 行號78的CC\_SHA1被認為是脆弱的甚至已被破解的。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSByteUtility.m	<u> </u>
行	80	80
物件	CC_SHA1	CC_SHA1
代碼片斷		
檔案名稱 HamiVideo_tvOS_20210913_v2.2.5/HamiVideo_tvOS/Pods/FirebaseCrashlyt rashlytics/Shared/FIRCLSByteUtility.m		THE PLANT
		l *bytes, size_t length) {

#### Use of Broken or Risky Cryptographic Algorithm\路徑 2:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

CC SHA1(bytes, (CC LONG)length, digest);

ectid=10229&pathid=84

#### 在FIRCLSHashBytes中,應用程式使用加密演算法保護敏感的資料,

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS MachO/FIRCLSMachOBinary.m中, 行號162的CC\_SHA1被認為是脆弱的甚至已被破解的。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSMachO/FIRCLSM achOBinary.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	164	164
物件	CC_SHA1	CC_SHA1

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSMachO/FIRCLSMachOBinary.m

方法 static NSString\* FIRCLSHashBytes(const void\* bytes, size\_t length) {

....
164. CC\_SHA1(bytes, (CC\_LONG)length, digest);

Jailbreak Unchecked File Operation Result Code



#### 查詢路徑:

Objc\Cx\Apple Secure Coding Guide\Jailbreak Unchecked File Operation Result Code 版本:1

#### 類別

OWASP Mobile Top 10 2016: M7-Client Code Quality

#### 描述

#### Jailbreak Unchecked File Operation Result Code\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=68

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleUtilities/GoogleUtilities/Environment/GU LHeartbeatDateStorage.m 中第 153 行的 writeToURL:atomically: 檔案操作結果狀態碼遭到忽略。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleUtilities/Google Utilities/Environment/GULHeartbeatDate Storage.m	
行	165	165
物件	writeToURL:atomically:	writeToURL:atomically:

#### 代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleUtilities/Google

Utilities/Environment/GULHeartbeat Date Storage.m

方法

- (BOOL)writeDictionary:(NSDictionary \*)dictionary

....
165. return [data writeToURL:writingFileURL atomically:YES];

# Allowed Backup

#### 香詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Allowed Backup 版本:1

#### 類別

OWASP Mobile Top 10 2016: M2-Insecure Data Storage

#### 描述

#### Allowed Backup\路徑 1:

 嚴重程度:
 低風險

 結果狀態:
 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=76

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Models/FIRCLSFileManager.m第55行的path建立檔案時,沒有聲明該檔案需排除在應用程式備份之外。



	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/FIRCLSFileM anager.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	58	58
物件	path	createFileAtPath:contents:attributes:

代碼片斷

方法

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/FIRCLSFileManager.m

- (BOOL)createFileAtPath:(NSString \*)path

. . . .

58. return [\_underlyingFileManager createFileAtPath:path

contents:data attributes:attr];

# **Empty Password**

查詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Empty Password 版本:1

類別

OWASP Top 10 2013: A2-Broken Authentication and Session Management

OWASP Mobile Top 10 2016: M4-Insecure Authentication

#### 描述

#### Empty Password\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=77

狀態 反覆出現的問題

應用程式在HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Helper/SystemSettingHelper.swift的15行使用空密碼password進行身份驗證,用來驗證用戶的身份或存取另一個遠端系統。這個空密碼如果沒有重建應用程式而且相關聯的帳戶已經被揭露就無法更改。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Helper/Sy stemSettingHelper.swift	
行	15	15
物件	password	password

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Helper/Sy

stemSettingHelper.swift

方法 var password = ""



.... 15. var password = "

# Functions Apple Recommends To Avoid

杳詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Functions Apple Recommends To Avoid 版本:1

類別

OWASP Top 10 2013: A9-Using Components with Known Vulnerabilities OWASP Mobile Top 10 2016: M7-Client Code Quality

#### 描述

### Functions Apple Recommends To Avoid\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=78

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Helpers/FIRCLSFile.m 中行號 224呼叫危險函式 FIRCLSFileWriteToBuffer, 而其使用被 Apple阻止。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Helpers/FIRCLSFile. m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	229	229
物件	strncpy	strncpy

## 代碼片斷

檔案名稱

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Crashlytics/Helpers/FIRCLSFile.m

方法

static void FIRCLSFileWriteToBuffer(FIRCLSFile\* file, const char\* string, size\_t length) {

....
229. strncpy(file->writeBuffer + file->writeBufferLength, string,
writeLength);

# Missing Device Lock Verification

杳詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Missing Device Lock Verification 版本:1

#### 描述

# Missing Device Lock Verification\路徑 1:

嚴重程度: 低風險結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=79



應用程式沒有檢查Device是否開啟鎖定機制。如果程式需要有鎖定機制的保護(避免Device被冒用),則應用程式應該對此功能進行驗證。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Operations/Reports /FIRCLSProcessReportOperation.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Operations/Reports /FIRCLSProcessReportOperation.m
行	103	103
物件	main	main

代碼片斷

檔案名稱

 $HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Operations/Reports/FIRCLSProcessReportOperation.m$ 

方法 - (void)main {

. . . .

103. - (void) main {

# Missing Jailbreak Check

杳詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Missing Jailbreak Check 版本:1

描述

# Missing Jailbreak Check\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=80

沒有進行設備是否已被JB(Jailbreak, 越獄)的檢查。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Operations/Reports /FIRCLSProcessReportOperation.m	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Operations/Reports/FIRCLSProcessReportOperation.m
行	103	103
物件	main	main

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Operations/Reports/FIRCLSProcessReportOperation.m

方法 - (void)main {



.... 103. - (void) main {

# Memory Leak

查詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Memory Leak 版本:1

類別

OWASP Mobile Top 10 2016: M8-Code Tampering

描述

#### Memory Leak\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=81

狀態 反覆出現的問題

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Crashlytics/Models/Record/FIR CLSReportAdapter.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	164	164
物件	files	files

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Crashlytics/Models/Record/FIRCLSReportAdapter.m

方法 - (google\_crashlytics\_FilesPayload)protoFilesPayload {

164. google\_crashlytics\_FilesPayload\_File \*files =

# Third Party Keyboard Enabled

查詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Third Party Keyboard Enabled 版本:1

類別

OWASP Mobile Top 10 2016: M10-Extraneous Functionality

描述

# Third Party Keyboard Enabled\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=82



#### 我們在應用程式中沒有發現任何關閉第三方鍵盤功能的程式碼。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/AppDeleg ate.swift	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/AppDeleg ate.swift
行	13	13
物件	AppDelegate	AppDelegate

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/AppDeleg

ate.swift

方法 class AppDelegate: UIResponder, UIApplicationDelegate {

. . . .

13. class AppDelegate: UIResponder, UIApplicationDelegate

# Use of Insufficiently Random Values

香詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Use of Insufficiently Random Values 版本:1

類別

OWASP Mobile Top 10 2016: M5-Insufficient Cryptography

描述

#### Use of Insufficiently Random Values\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=85

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Shared/FIRCLS Networking/FIRCLSFABNetworkClient.m 中第 63 行的 - 方法使用較弱的演算法 drand48 來產生隨機值。這些值可能會被當作金鑰值、個人身分辨識或是加密輸入變數,使攻擊者可以猜測正確值。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Shared/FIRCLSNetworking/FIR CLSFABNetworkClient.m	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	64	64
物件	drand48	drand48

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Shared/FIRCLSNetworking/FIRCLSFABNetworkClient.m

方法 - (double)randomDoubleWithMin:(double)min max:(double)max {



```
....
64. return min + ((max - min) * drand48());
```

# Use of Hardcoded Password

查詢路徑:

Objc\Cx\ObjectiveC Low Visibility\Use of Hardcoded Password 版本:1

類別

OWASP Top 10 2013: A2-Broken Authentication and Session Management OWASP Mobile Top 10 2016: M9-Reverse Engineering

描述

### Use of Hardcoded Password\路徑 1:

嚴重程度: 低風險 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=86

狀態 反覆出現的問題

此應用程式使用預先寫好的密碼m\_ShowPasswordBox進行單一驗證程序, 無論是用它來驗證用戶的身份, 或連接其他遠程系統。這個密碼以明文撰寫在檔案HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/HamiVideo\_tvOS/Extention/Notification+Ext.swift中的第71行, 且不會因為重建專案而變動。

O S/ II WIII V I	os/Hami / Hado_v/os/Entention / Cambatton / Entention / Fig. 7   Fig. 17   Fig. 231		
	來源	目的地	
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Extention/ Notification+Ext.swift	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/HamiVideo_tvOS/Extention/ Notification+Ext.swift	
行	71	71	
物件	m_ShowPasswordBox	m_ShowPasswordBox	

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/HamiVideo tvOS/Extention

/Notification+Ext.swift

方法 static let m\_ShowPasswordBox = Notification.Name("m\_ShowPasswordBox")

71. static let m\_ShowPasswordBox =
Notification.Name("m\_ShowPasswordBox")

## **Buffer Size Literal**

查詢路徑:

Objc\Cx\Apple Secure Coding Guide\Buffer Size Literal 版本:1

描述

#### Buffer Size Literal\路徑 1:

 嚴重程度:
 資訊

 結果狀態:
 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=87



HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCoreDiagnostics/Firebase/CoreDiagnostics/FIRCDLibrary/Protogen/nanopb/firebasecore.nanopb.h 中第 178 行的緩衝區大小被以固定數值 22 所定義。

444		
	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCoreDiagnosti cs/Firebase/CoreDiagnostics/FIRCDLibrar y/Protogen/nanopb/firebasecore.nanopb. h	iVideo_tvOS/Pods/FirebaseCoreDiagnostics/Firebase/CoreDiagnostics/FIRCDLibrar
行	178	178
物件	22	22

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCoreDiagnost

ics/Firebase/CoreDiagnostics/FIRCDLibrary/Protogen/nanopb/firebasecore.nanopb

.h

方法 extern const pb\_field\_t logs\_proto\_mobilesdk\_ios\_ICoreConfiguration\_fields[22];

.... 178. extern const pb field t

logs proto mobilesdk ios ICoreConfiguration fields[22];

### Buffer Size Literal\路徑 2:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=88

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Protogen/nanopb/crashlytics.nanopb.h 中第 88 行的緩衝區大小被以固定數值 8 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Protogen/nanopb/crashlytics.na nopb.h	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	88	88
物件	8	8

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Protogen/nanopb/crashlytics.nanopb.h

方法 extern const pb field t google crashlytics Report fields[8];

88. extern const pb\_field\_t google\_crashlytics\_Report\_fields[8];



#### Buffer Size Literal\路徑 3:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=89

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Protogen/nanopb/crashlytics.nanopb.h 中第 89 行的緩衝區大小被以固定數值 2 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Protogen/nanopb/crashlytics.na nopb.h	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	89	89
物件	2	2

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Protogen/nanopb/crashlytics.nanopb.h

方法 extern const pb\_field\_t google\_crashlytics\_FilesPayload\_fields[2];

89. extern const pb\_field\_t google\_crashlytics\_FilesPayload\_fields[2];

#### Buffer Size Literal\路徑 4:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=90

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/Crashlytics/Protogen/nanopb/crashlytics.nanopb.h 中第 90 行的緩衝區大小被以固定數值 3 所定義。

•	1	
	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/FirebaseCrashlytics/Cr ashlytics/Protogen/nanopb/crashlytics.na nopb.h	iVideo_tvOS/Pods/FirebaseCrashlytics/Cr
行	90	90
物件	3, 5	3

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/FirebaseCrashlytics/C

rashlytics/Protogen/nanopb/crashlytics.nanopb.h

方法 extern const pb field t google crashlytics FilesPayload File fields[3];



....
90. extern const pb\_field\_t
google\_crashlytics\_FilesPayload\_File\_fields[3];

### Buffer Size Literal\路徑 5:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=91

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 250 行的緩衝區大小被以固定數值 7 所定義。

	來源	目的地
檔案	- A	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h
行	250	250
物件	7	7

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb\_field\_t gdt\_cct\_LogEvent\_fields[7];

250. extern const pb\_field\_t gdt\_cct\_LogEvent\_fields[7];

#### Buffer Size Literal\路徑 6:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=92

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 251 行的緩衝區大小被以固定數值 3 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h
行	251	251
物件	3	3

代碼片斷



檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h extern const pb field t qdt cct NetworkConnectionInfo fields[3];

...

方法

251. extern const pb\_field\_t gdt\_cct\_NetworkConnectionInfo\_fields[3];

#### Buffer Size Literal\路徑 7:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=93

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 252 行的緩衝區大小被以固定數值 8 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h
行	252	252
物件	8	8

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb\_field\_t qdt\_cct\_IosClientInfo\_fields[8];

. . . .

252. extern const pb field t gdt cct IosClientInfo fields[8];

#### Buffer Size Literal\路徑 8:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=94

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 253 行的緩衝區大小被以固定數值 3 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	N 1V IN A - OVE 1V IN A V
行	253	253



物件 3

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb\_field\_t gdt\_cct\_ClientInfo\_fields[3];

253. extern const pb field t gdt cct ClientInfo fields[3];

#### Buffer Size Literal\路徑 9:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=95

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 254 行的緩衝區大小被以固定數值 2 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h
行	254	254
物件	2	2

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb\_field\_t gdt\_cct\_BatchedLogRequest\_fields[2];

254. extern const pb field t gdt cct BatchedLogRequest fields[2];

#### Buffer Size Literal\路徑 10:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=96

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 255 行的緩衝區大小被以固定數值 7 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/Pr	,



-5	otogen/nanopb/cct.nanopb.h	otogen/nanopb/cct.nanopb.h
行	255	255
物件	7	7

代碼片斷

方法

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

extern const pb\_field\_t gdt\_cct\_LogRequest\_fields[7];

extern const pb field t gdt cct LogRequest fields[7]; 255.

## Buffer Size Literal\路徑 11:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=97

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 256 行的緩衝區大小被以固定數值 3 所定義。

	來源	目的地	
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	
行	256	256	
物件	3	3	

代碼片斷

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/ 檔案名稱

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb\_field\_t gdt\_cct\_QosTierConfiguration\_fields[3];

extern const pb field t gdt cct QosTierConfiguration fields[3];

#### Buffer Size Literal\路徑 12:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj

ectid=10229&pathid=98

狀態 反覆出現的問題

HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 257 行的緩衝區大小被以固定數值 3 所定義。

來源



檔案		HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h
行	257	257
物件	3	3

代碼片斷

檔案名稱 HamiVideo tvOS 20210913 v2.2.5/HamiVideo tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb\_field\_t gdt\_cct\_QosTiersOverride\_fields[3];

.... 257. extern const pb\_field\_t gdt\_cct\_QosTiersOverride\_fields[3];

## Buffer Size Literal\路徑 13:

嚴重程度: 資訊 結果狀態: 校驗

線上結果 <a href="https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj">https://10.175.132.104/CxWebClient/ViewerMain.aspx?scanid=1030895&proj</a>

ectid=10229&pathid=99

狀態 反覆出現的問題

HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GD TCCTLibrary/Protogen/nanopb/cct.nanopb.h 中第 258 行的緩衝區大小被以固定數值 3 所定義。

	來源	目的地
檔案	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GoogleDataTransport/GDTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h	HamiVideo_tvOS_20210913_v2.2.5/Ham iVideo_tvOS/Pods/GoogleDataTransport/GOTCCTLibrary/Pr otogen/nanopb/cct.nanopb.h
行	258	258
物件	3	3

代碼片斷

檔案名稱 HamiVideo\_tvOS\_20210913\_v2.2.5/HamiVideo\_tvOS/Pods/GoogleDataTransport/

GoogleDataTransport/GDTCCTLibrary/Protogen/nanopb/cct.nanopb.h

方法 extern const pb field t qdt cct LogResponse fields[3];

258. extern const pb\_field\_t gdt\_cct\_LogResponse\_fields[3];

## **App Transport Security Bypass**

風險

可能發生什麼問題

應用傳輸安全 (ATS) 在應用程式與其後端的安全連線中強制實施最佳實作規範。



## 原因

#### 如何發生

應用傳輸安全 (App Transport Security, ATS)可防止意外暴露, 提供安全的預設行為, 並且易於採用。

## 一般建議

#### 如何避免

無論您是創建新應用程式還是更新現有程式,都應儘快採用應用傳輸安全 (App Transport Security, ATS)。

不應禁用應用程式傳輸安全性 (App Transport Security, ATS), 以確保對應用程式訊務進行加密和保護。

僅在無法使用安全傳輸 (HTTPS) 的情況下盡可能少使用區域異常, 否則始終首選使用 HTTPS。

## 程式碼範例

#### **Swift**

#### This is available from iOS 10

#### Objc

#### **Disables ATS altogether**

#### Per domain exception



## Disables ATS only for example.com



# **Signed Memory Arithmetic**

風險

可能發生什麼問題

如果緩衝區的大小是由使用者提供的資料來計算,那麼就有可能有惡意的使用者輸入超過整數資料型態大小的數字,這會導致程式崩潰及其他問題。

## 原因

#### 如何發生

當你的系統期望使用有號數時攻擊者可以使用一組很大的數字, 使你的程式將其以負數來處理。接著程式檢查緩衝區大小認為它不算大, 下一步, 你的程式將這個數字分配為緩衝區的大小, 導致記憶體分配失敗如果分配成功的話則會造成堆積溢位。更多的資訊請參考 "Apple

安全性程式撰寫指南"文件中關於"避免整數溢位和下溢"的部份:

https://developer.apple.com/library/ios/documentation/Security/Conceptual/SecureCodingGuide/

## 一般建議

#### 如何避免

使用無號整數來進行記憶體計算。

程式碼範例

#### **Objective-C**

Example of using unsigned integers for memory arithmetic.

```
void f() {
    size_t size = 10;
    char buf[size];
}
```

#### Obje

Example of using unsigned integers for memory arithmetic.

```
void f() {
    size_t size = 10;
    char buf[size];
}
```



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## **Screen Caching**

風險

可能發生什麼問題

攻擊者可以存取系統中的應用程式截圖。若敏感資料顯示在螢幕截圖中時,則面臨洩漏的風險。

## 原因

如何發生

此應用程式使用了一般的UI

元件來呈現部分敏感性資料,例如:信用卡號碼。當使用者按下Home鍵時,系統會進行螢幕截圖,並將執行中的APP移至後台。這些截圖存放在資料夾中,之後進行App

Switcher時, 會被拿出來預覽。攻擊者竊取了手機裝置後, 可以透過螢幕截圖資料夾竊取敏感資料。

## 一般建議

#### 如何避免

- 1. 將SecureTextEntry屬性設置為YES, 讓包含敏感數據的UITextView和UITextField在截圖時自動屏蔽。
- 2. 當應用程式移動到背景並截圖之前,隱藏敏感的UI 元件。可以偵聽 UIApplicationDidEnterBackgroundNotification 或在UIApplicationDelegate中實施 applicationDidEnterBackground:方法,隱藏敏感的 UI 元件。

程式碼範例

#### **Objective-C**

Marking a UITextField as secure:

```
UITextField* textField = [[UITextFieldalloc] init];
textField.secureTextEntry = YES;
```

The example below shows how to hide a sensitive UI element just before the application goes to background:



```
[[NSNotificationCenterdefaultCenter] addObserver:self
selector:@selector(didBecomeActive:)
name:UIApplicationDidBecomeActiveNotification
object:nil];
}
-(void) didEnterBackground: (NSNotification *) notification
{
    [self.creditCardNumberTextFieldsetHidden:YES];
}
-(void) didBecomeActive: (NSNotification *) notification
{
    [self.creditCardNumberTextFieldsetHidden:NO];
}
```

### Objc

### Marking a UITextField as Secure

```
UITextField* textField = [[UITextField alloc] init];
textField.secureTextEntry = YES;
```

## Hide a Sensitive UI Element Before the Application is Sent to Background

```
- (void) viewDidLoad
    [[NSNotificationCenter defaultCenter] addObserver:self
                                selector:@selector(didEnterBackground:)
                        name:UIApplicationDidEnterBackgroundNotification
                        object:nil];
    [[NSNotificationCenter defaultCenter] addObserver:self
selector:@selector(didBecomeActive:)
name: UIApplicationDidBecomeActiveNotification
object:nil];
- (void) didEnterBackground: (NSNotification *) notification
    [self.creditCardNumberTextFieldsetHidden:YES];
- (void) didBecomeActive: (NSNotification *) notification
    [self.creditCardNumberTextFieldsetHidden:NO];
   <CodeSample Language="Swift" LCID="1033">
      <Title format="text/plain">Marking a UITextField as secure:</Title>
      <SourceCodeExample format="text/plain"><![CDATA[</pre>
```



#### Swift

Hide a Sensitive UI Element Before the Application is Sent to Background



# Jailbrake File Referenced By Name

風險

可能發生什麼問題

在被破解過的裝置中,攻擊者可以操縱應用程式寫入的檔案內容,當應用程式再次讀取該檔案時就可能會造成緩衝區溢位或是其他預期外的行為發生,攻擊者甚至有可能取得系統的控制權。

## 原因

#### 如何發生

攻擊者偵測到應用程式建立了一個暫存檔,刪除原本建立的檔案,替換為同名稱但不同權限的檔案。當應用程式以檔案名稱來參照檔案時,其實在應用不知情的情況下,資料已經被寫入攻擊者所擁有的檔案中。攻擊者可以竊取其中的敏感性資料或是修改其內容,當應用程式再次讀取該檔案時就可能會造成緩衝區溢位或是其他預期外的行為發生,攻擊者經由緩衝區溢位甚至有可能取得應用程式的控制權。更多資訊請參考 "Apple 安全性程式撰寫指南"文件中關於"在可公開寫入目錄中的檔案是不安全的"的部份:https://developer.apple.com/library/ios/documentation/Security/Conceptual/SecureCodingGuide/

## 一般建議

#### 如何避免

不管參照什麼檔案使用檔案描述符會比用檔案名稱更好。

程式碼範例

#### **Objective-C**

Example of insecure way to reference files by name.

```
NSString* fileName = [NSTemporaryDirectory() stringByAppendingString:@"/f1.txt"];

NSString* stringToWrite = @"Hello world";
[stringToWrite writeToFile:fileName atomically:YES];
```

#### Example of secure way to reference files by descriptor.

```
NSString* fileNameTemplate = [NSTemporaryDirectory()
stringByAppendingString:@"/myTmpFile-XXXXXX.txt"];
const size_t bufLength = 2048;
char* fileNameBuf[bufLength];
strncpy(fileNameBuf, [fileNameTemplate cStringUsingEncoding:NSUTF8StringEncoding],
bufLength);
int fileDescriptor = mkstemp(fileNameBuf);
NSFileHandle* fileHandle = [[NSFileHandle alloc]
initWithFileDescriptor:fileDescriptor];
```



```
NSString* stringToWrite = @"Hello world";
[fileHandle writeData: [stringToWrite dataUsingEncoding:NSUTF8StringEncoding]];
```

#### Objc

Example of insecure way to reference files by name.

```
NSError *error;
NSString* fileName = [NSTemporaryDirectory() stringByAppendingString:@"f1.txt"];
NSString* stringToWrite = @"Hello world";
[stringToWrite writeToFile:fileName atomically:YES encoding:NSUTF8StringEncoding error:&error];
```

Example of secure way to reference files by descriptor.

```
NSString* fileNameTemplate = [NSTemporaryDirectory() stringByAppendingString:@"myTmpFile-
XXXXXX.txt"];
const size t bufLength = 2048;
char* fileNameBuf[bufLength];
strncpy(fileNameBuf, [fileNameTemplate cStringUsingEncoding:NSUTF8StringEncoding],
bufLength);
int fileDescriptor = mkstemp(fileNameBuf);
NSFileHandle* fileHandle = [[NSFileHandle alloc] initWithFileDescriptor:fileDescriptor];
NSString* stringToWrite = @"Hello world";
[fileHandle writeData: [stringToWrite dataUsingEncoding:NSUTF8StringEncoding]];
```

#### **Swift**

Example of insecure way to reference files by name.

```
let fileName = NSTemporaryDirectory().stringByAppendingString("f1.txt")
let stringToWrite = "Hello world"
```



```
do {
    try stringToWrite.writeToFile(fileName, atomically: true, encoding: NSUTF8StringEncoding)
}
catch {print(error)}
```

#### Example of secure way to reference files by descriptor.

```
let fileNameTemplate = NSTemporaryDirectory().stringByAppendingString("myTmpFile-XXXXXX.txt")
let bufLength: CFIndex = 2048
let fileNameBuf = UnsafeMutablePointer<CChar>.alloc(bufLength)
strncpy(&fileNameBuf.memory, fileNameTemplate.cStringUsingEncoding(NSUTF8StringEncoding)!,
bufLength)
let fileDescriptor = mkstemp(fileNameBuf);
let fileHandle = NSFileHandle(fileDescriptor: fileDescriptor)
let stringToWrite = "Hello world"
fileHandle.writeData(stringToWrite.dataUsingEncoding(NSUTF8StringEncoding)!)
```



# Jailbreak Unchecked File Operation Result Code

風險

可能發生什麼問題

將資料寫到暫存檔可能會遭到破壞。當應用程式再次讀取被破壞的檔案時可能會造成緩衝區溢位及其 他意料之外的行為發生,攻擊者可能會取得系統的控制權。

## 原因

#### 如何發生

應用程式將資料寫入暫存檔時在中途發生錯誤, 部份檔案寫入成功剩下的部份遺失了。但是應用程式並沒有檢查這個檔案操作的狀態碼,沒有進一步的修正動作。

當應用程式再次讀取該檔案時就可能會造成緩衝區溢位或是其他預期外的行為發生,攻擊者經由緩衝區溢位甚至有可能取得應用程式的控制權。更多的資訊請參考 "Apple

安全性程式撰寫指南"文件中關於"檢查結果狀態碼"的部份:

https://developer.apple.com/library/ios/documentation/Security/Conceptual/SecureCodingGuide/

## 一般建議

#### 如何避免

檢查每個檔案操作的結果狀態,並且適當處理發生的錯誤。

程式碼範例

#### **Objective-C**

Example of ignoring file operation result code (insecure).

```
NSString* stringToWrite = @"Hello world";
NSString* filePath = [NSTemporaryDirectory() stringByAppendingString:@"/f1.txt"];
[stringToWrite writeToFile:filePath atomically:NO];
```

Example of checking file operation result code (secure).

```
NSString* stringToWrite = @"Hello world";
NSString* filePath = [NSTemporaryDirectory() stringByAppendingString:@"/f1.txt"];
if (![stringToWrite writeToFile:filePath atomically:NO])
{
    [[NSException exceptionWithName:@"FileWriteError" reason:@"" userInfo:nil]
raise];
};
```



#### Objc

## **Ignoring File Operation Result**

```
NSError *error;

NSString* stringToWrite = @"Hello world";
NSString* filePath = [NSTemporaryDirectory() stringByAppendingString:@"/f1.txt"];
[stringToWrite writeToFile:filePath atomically:NO encoding:NSUTF8StringEncoding error:&error];
```

#### **Checked File Operation Result**

```
NSError *error;

NSString* stringToWrite = @"Hello world";
NSString* filePath = [NSTemporaryDirectory() stringByAppendingString:@"/f1.txt"];
if (![stringToWrite writeToFile:filePath atomically:NO encoding:NSUTF8StringEncoding
error:&error])
{
    [[NSException exceptionWithName:@"FileWriteError" reason:[error localizedFailureReason]
userInfo:nil] raise];
};
```

#### **Swift**

#### **Ignoring File Operation Result**

```
let stringToWrite = "Hello world"
let filePath = NSTemporaryDirectory().stringByAppendingString("/f1.txt")

do {
    try stringToWrite.writeToFile(filePath, atomically: false, encoding:
    NSUTF8StringEncoding)
}
catch {}
```

#### **Checked File Operation Result**

```
let stringToWrite = "Hello world"
let filePath = NSTemporaryDirectory().stringByAppendingString("/f1.txt")

do {
    try stringToWrite.writeToFile(filePath, atomically: false, encoding:
    NSUTF8StringEncoding)
}
catch let error as NSError {
    NSException(name: "FileWriteError", reason: error.localizedFailureReason, userInfo:
    nil).raise()
}
```



## **Unscrubbed Secret**

## 風險

可能發生什麼問題

應用程式在未加密的memory中存儲的所有變數都可能被主機特權User(privileged access)未經授權的檢索。例如,特權攻擊者可以對正在執行的process掛上debugger, 也可能從swapfile或crash dump file中檢索process's memory。

一旦攻擊者在Memory中找到User的密碼,就可以輕鬆的假冒User進入系統。

## 原因

#### 如何發生

字串變數是不變的(immutable) -

換句話說,一旦分配了字串變數,就無法更改或刪除其值。因此,這些字串可能會無限期的留存在memory中,而且可能分散在多個位置中,直到垃圾收集器(garbage collector)將其刪除。敏感資料,例如密碼,將作為明文在memory中暴露,無法控制其生命週期。

## 一般建議

#### 如何避免

- 不要將敏感資料(如password或encryption key)以明文形式存儲在memory中, 時間再短都不要。
- 建議使用專為store encrypted memory設計的Class。
- 或者, 將機敏資料存在可變類型中(如byte array), 使用完立即將array中每個byte位歸零。

## 程式碼範例

#### Java

**Plaintext Password in Immutable String** 

```
class Heap_Inspection
{
   private string password;
   void setPassword()
   {
      password = System.console().readLine("Enter your password: ");
   }
}
```

### **Password Protected in Memory**

```
class Heap_Inspection_Fixed
{
```



```
private SealedObject password;

void setPassword()
{
    byte[] sKey = getKeyFromConfig();
    Cipher c = Cipher.getInstance("AES");
    c.init(Cipher.ENCRYPT_MODE, sKey);

    char[] input = System.console().readPassword("Enter your password: ");
    password = new SealedObject(Arrays.asList(input), c);

//Zero out the possible password, for security.
    Arrays.fill(password, '0');
}
```

# **CPP Vulnerable C code**

```
/* Vulnerable to heap inspection */
#include <stdio.h>
void somefunc(){
     printf("Test\n");
void authfunc() {
        char* password = (char *) malloc(256);
        char ch;
        ssize_t k;
           int i=0;
        while (k = read(0, \&ch, 1) > 0)
                if (ch == '\n') {
                        password[i]='\0';
                        break;
                } else{
                        password[i++]=ch;
                        fflush(0);
        printf("Password: %s\n", &password[0]);
int main()
    printf("Please enter a password:\n");
     authfunc();
     printf("Password can be extracted from the memory dump");
     somefunc();
```

#### Zeroing the pass array



```
/* Safe heap */
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <sys/types.h>
#define STDIN_FILENO 0
void somefunc() {
 printf("Test\n");
void clear password(volatile char* pass, int size) {
  size_t i = (size_t)0;
while (i < size) {
    pass[i++] = 0; //Zeroes the pass array</pre>
void authfunc() {
    volatile char* password = malloc(256);
     int i = 0;
     char ch;
     ssize_t k;
     while (k = read(STDIN_FILENO, &ch, 1) > 0)
           if (ch == '\n') {
                password[i] = '\0';
                  break;
            else {
                 password[i++] = ch;
                fflush(0);
     clear_password(password, 256);
int main()
     printf("Please enter a password:\n");
    authfunc();
    somefunc();
    char ch;
     while (read(STDIN_FILENO, &ch, 1) > 0)
           if (ch == '\n')
                  break;
```



## **Unchecked CString Convertion**

風險

可能發生什麼問題

轉換後的 C 字串長度可能會比 CFString

少, 如果程式使用這個轉換錯誤的字串進行判斷, 任何錯誤行為都有可能發生。

## 原因

### 如何發生

CFString 擁有特定的長度而且在任意的資料位置可能會包含空位元組。這個 CFString 被轉換成 C字串並且進行評估,應用程式在過程中會發生不正常的行為,因為產生出來的 C

字串在遇到第一個空位元組時就會停止。真實發生的攻擊情況:這個漏洞在數年前發生在許多 SSL 堆疊中,透過採用一個你擁有的網域底下謹慎製作的子網域所用的 SSL

憑證, 你能夠有效的建立能夠在任意網域有效用的憑證。一個網域的格式如:

targetdomain.tld[null\_byte].yourdomain.tld, 因為憑證簽署的請求包含了 Pascal 字串 (類似 CFString 且能包含空字元), 假設認證授權機構解譯正確, 該機構會聯絡 yourdomain.tld

這個網域的擁有者, 並請求寄送憑證的權限。因為你擁有這個網域, 所以當然會同意這個請求, 然後你就有個看起來很奇怪的子網域的有效憑證。然而, 當你檢查這個憑證的有效性時, 許多 SSL

堆疊不正確的在未檢查的情況下將 Pascal 字串轉換為 C 字串, 當這個情況發生時, 產生出來的 C 字串將只會包含 targetdomain.tld 的部份, 接下來 SSL

堆疊會用這個截短了的版本與使用者請求的網域進行比較,並在憑證中將這個網域解譯為合法。這樣一來,甚至有可能在這個瀏覽器中建立所有網域都能合法的萬用憑證 (如 \*.com[null] .yourdomain.tld 能夠符合所有 .com 的網址). 更多的資訊請參考 "Apple

安全性程式撰寫指南"文件中關於"避免緩衝區下溢"的部份: https://developer.apple.com/library/ios/documentation/Security/Conceptual/SecureCodingGuide/

## 一般建議

#### 如何避免

- 1. 如果可能的話避免將非 C 字串的字串類型 (CFStringRef 物件、NSString 物件、CFDataRef 物件) 轉換為 C 字串, 最好能夠使用原有的格式來處理字串。
- 2. 如果上面的方法不可行, 永遠記得要檢查轉換產生出來的 C 字串長度, 或是檢查來源資料中是否包含空位元組。

程式碼範例

### **Objective-C**

Example of converting CFString to C-String without length check (insecure).

```
CFStringRef s1 = CFSTR("Hello");
size_t buf_len = 10;
char buffer[buf_len];
CFStringGetCString(s1,buffer,buf_len,kCFStringEncodingASCII);
```



#### Objc

**Example of Converting CFString to C-String without Length Check** 

```
CFStringRef s1 = CFSTR("Hello");
size_t buf_len = 10;
char buffer[buf_len];
CFStringGetCString(s1,buffer,buf_len,kCFStringEncodingASCII);
```

**Example of Converting CFString to C-String with Length Check** 

```
CFStringRef s1 = CFSTR("Hello");
size_t buf_len = 10;
char buffer[buf_len];
CFStringGetCString(s1, buffer, buf_len, kCFStringEncodingASCII);
if (strnlen(buffer, buf_len) != CFStringGetLength(s1))
{
    NSLog(@"Error");
    return;
}
```

#### Swift

**Example of Converting CFString to C-String without Length Check** 

```
var s1 = "Hello" as CFStringRef
let buf_len: CFIndex = 10
var buffer = UnsafeMutablePointer<CChar>.alloc(buf_len)

CFStringGetCString(s1, buffer, buf_len, kCFStringEncodingASCII)
```

**Example of Converting CFString to C-String with Length Check** 

```
var s1 = "Hello" as CFStringRef
let buf_len: CFIndex = 10
var buffer = UnsafeMutablePointer<CChar>.alloc(buf_len)

CFStringGetCString(s1, buffer, buf_len, kCFStringEncodingASCII)

if (strnlen(buffer, buf_len) != CFStringGetLength(s1))
{
    print("Error")
}
```



## **Allowed Backup**

風險

可能發生什麼問題

備份可能會包含敏感性訊息:如果攻擊者可以檢視備份,則他們也可以從中取得這些信息。

## 原因

#### 如何發生

每次備份裝置(Device)時, iOS會連應用程式所新增的文件一起備份。若沒有從備份中指定排除機敏文件,將導致資料外洩到備份中。然後攻擊者可以存取備份來取得這些資料。

## 一般建議

如何避免

除非故意備份特定的文件 -

否則建議在檔案建立時標記合適的flag,並在備份時手動排除這些檔案,避免洩漏免感訊息。

## 程式碼範例

#### Objc

File Creation, Followed by Explicit Exclusion from Backup

#### File Creation, Followed by Explicit Inclusion in Backup

## File Creation Without Flags, Implicitly Included in Backup

```
[[NSFileManager defaultManager] createFileAtPath:path
```



contents:file
attributes:nil]; // File Creation



# **Empty Password**

風險

可能發生什麼問題

服務允許使用空密碼,會讓空密碼成為攻擊者的第一個猜測。脆弱的身份驗證規範將使的

## 原因

## 如何發生

密碼設置為空值代表它不但被寫死在應用程式中,而且任何嘗試存取此密碼所屬帳戶的人都可以輕易 猜測到。

## 一般建議

## 如何避免

- 不要允許空密碼存取任何帳戶,請改用其他策略和技術手段存取系統、服務或資訊。
- 不要在程式碼中寫死任何機敏資訊,尤其是密碼。
- 若有特殊狀況導致用戶密碼需要儲存在資料庫或目錄服務(Directory Service)中,使用強雜湊密碼(例如bcrypt、scrypt、PBKDF2或Argon2)來進行保護。不要將用戶密碼與寫死的值進行比較。
- 系統密碼應儲存在配置文件或資料庫中,並使用強加密(例如AES-256)來進行保護。加密密鑰不能被寫死,且應安全地管理。

程式碼範例



# **Functions Apple Recommends To Avoid**

風險

可能發生什麼問題

某些函數如果使用不當, 容易被危險地誤用。Apple 發佈了這些已被阻止使用的函數清單。

## 原因

如何發生

識別函數(identified function)被Apple 認為是危險的, 且有其他更安全的選擇。

## 一般建議

如何避免

查看 Apple

的文件以獲得更合適、更安全的選擇。如果一個安全的替代方案不符合函數功能需要,請於使用危檢函式前加以檢查程式碼以確保安全。

程式碼範例

### Objc

**Use of Dangerous Strcat Function** 

```
char *concatStrings(char *buf, char *str)
{
    //This will result in a buffer overflow if buf's size is exceeded
    return strcat(buf, str);
}

{
    ...
    char buf[1024];
    concatStrings(buf, user_input);
    ...
}
```

#### **Use of Secure Stricat Function**

```
char *concatStrings(char *buf, char *str)
{
    //strlcat will truncate the string if buf's size is exceeded
    return strlcat(buf, suffix);
}

{
    char buf[1024];
```



```
concatStrings(buf, user_input);
..
}
```



# **Missing Device Lock Verification**

風險

可能發生什麼問題

可以選擇的情況下,許多User不會用鎖定來保護他們的Device。若應用程式沒有強制要求鎖定驗證功能,萬一Device被攻擊者冒用,則應用程式中儲存的information就會受到威脅。

原因

如何發生

應用程式沒有進行任何device lock verification的檢查

## 一般建議

如何避免

在應用程式啟動時執行嚴格的device lock檢查, 以確保User的Device不會輕易的被冒用。

程式碼範例

#### Obje

Checking for Device Lock with LAContext (iOS 8.0+)

```
LAContext *context = [[LAContext alloc] init];
NSError *err = nil;

if ([context canEvaluatePolicy:LAPolicyDeviceOwnerAuthentication error:&err])
{
    // Device has, at least, a passcode (could also have TouchId)
}
else
{
    // Device does not lock with a passcode
}
```



# **Missing Jailbreak Check**

## 風險

可能發生什麼問題

被JB的設備容易受到許多形式的攻擊,因為應用程式、服務等可能取得過高的權限來進行特權操作。例如直接讀寫記憶體、完整的 file system 存取權等等。

雖然檢測JB的程式不一定有效,因為惡意應用程式會想出各種方式抑止這類檢查。但仍然可以建議使用者不要在被污染的設備上使用應用程式,避免使用者的裝置被JB但不知情。

## 原因

如何發生

沒有進行適當的JB檢查,導致應用程式會在已JB的設備上運行。

## 一般建議

#### 如何避免

可以在啟動應用程式時使用fileExistsAtPath測試能否存取設備中的下列路徑,以確保設備沒有被JB。

- \*/Applications/Cydia.app\*
- \*/Library/MobileSubstrate/MobileSubstrate.dylib\*
- \*/bin/bash\*
- \*/usr/sbin/sshd\*
- \*/etc/apt\*
- \*/private/var/lib/apt/\*

如果使用者的設備已JB, 則警告使用者, 並考慮不要讓他們繼續使用應用程式, 避免在應用程式內洩露 敏感資訊。

## 程式碼範例

#### Objc

Multiple Methods of Checking If Device is Jailbroken

```
BOOL hasBeenJailBroken()
{

//Check common Jailbreak files

if (

[[NSFileManager defaultManager] fileExistsAtPath:@"/Applications/Cydia.app"] ||

[[NSFileManager defaultManager]

fileExistsAtPath:@"/Library/MobileSubstrate/MobileSubstrate.dylib"] ||

[[NSFileManager defaultManager] fileExistsAtPath:@"/bin/bash"] ||

[[NSFileManager defaultManager] fileExistsAtPath:@"/usr/sbin/sshd"] ||

[[NSFileManager defaultManager] fileExistsAtPath:@"/etc/apt"] ||

[[NSFileManager defaultManager] fileExistsAtPath:@"/private/var/lib/apt/"]

) {
```





#### Failure to Release Memory Before Removing Last Reference ('Memory Leak')

Weakness ID: 401 (Weakness Base)

**Description** 

Status: Draft

## **Description Summary**

The software does not sufficiently track and release allocated memory after it has been used, which slowly consumes remaining memory.

## **Extended Description**

This is often triggered by improper handling of malformed data or unexpectedly interrupted sessions.

### **Terminology Notes**

"memory leak" has sometimes been used to describe other kinds of issues, e.g. for information leaks in which the contents of memory are inadvertently leaked (CVE-2003-0400 is one such example of this terminology conflict).

#### **Time of Introduction**

- Architecture and Design
- Implementation

## **Applicable Platforms**

## <u>Languages</u>

 $\mathsf{C}$ 

C++

## **Modes of Introduction**

Memory leaks have two common and sometimes overlapping causes:

- Error conditions and other exceptional circumstances
- Confusion over which part of the program is responsible for freeing the memory

## **Common Consequences**

Scope	Effect State of the state of th
Availability	Most memory leaks result in general software reliability problems, but if an attacker can intentionally trigger a memory leak, the attacker might be able to launch a denial of service attack (by crashing or hanging the program) or take advantage of other unexpected program behavior resulting from a low memory condition.

## Likelihood of Exploit

#### Medium

## **Demonstrative Examples**

#### **Example 1**

The following C function leaks a block of allocated memory if the call to read() fails to return the expected number of bytes:

```
(Bad Code)
```

```
Example Language: C
char* getBlock(int fd) {
char* buf = (char*) malloc(BLOCK_SIZE);
if (!buf) {
return NULL;
}
if (read(fd, buf, BLOCK_SIZE) != BLOCK_SIZE) {
return NULL;
}
```



return buf;

## **Example 2**

Here the problem is that every time a connection is made, more memory is allocated. So if one just opened up more and more connections, eventually the machine would run out of memory.

(Bad Code)

```
Example Language: C
```

```
bar connection() {
foo = malloc(1024);
return foo;
}
endConnection(bar foo) {
free(foo);
}
int main() {
while(1) //thread 1
//On a connection
foo=connection(); //thread 2
//When the connection ends
endConnection(foo)
}
```

**Observed Examples** 

Observed Examples	
Reference	Description
CVE-2005-3119	Memory leak because function does not free() an element of a data structure.
CVE-2004-0427	Memory leak when counter variable is not decremented.
CVE-2002-0574	Memory leak when counter variable is not decremented.
CVE-2005-3181	Kernel uses wrong function to release a data structure, preventing data from being properly tracked by other code.
CVE-2004-0222	Memory leak via unknown manipulations as part of protocol test suite.
CVE-2001-0136	Memory leak via a series of the same command.

#### **Potential Mitigations**

Pre-design: Use a language or compiler that performs automatic bounds checking.

#### Phase: Architecture and Design

Use an abstraction library to abstract away risky APIs. Not a complete solution.

Pre-design through Build: The Boehm-Demers-Weiser Garbage Collector or valgrind can be used to detect leaks in code. This is not a complete solution as it is not 100% effective.

Relationships

Relationships				
Nature	Туре	ID	Name	View(s) this relationship pertains to
ChildOf	Weakness Class	398	Indicator of Poor Code Quality	Seven Pernicious Kingdoms (primary)700
ChildOf	Category	399	Resource Management Errors	Development Concepts (primary)699
ChildOf	Category	633	Weaknesses that Affect Memory	Resource-specific Weaknesses (primary)631
ChildOf	Category	730	OWASP Top Ten 2004 Category A9 - Denial of Service	Weaknesses in OWASP Top Ten (2004) (primary)711
ChildOf	Weakness Base	772	Missing Release of Resource after Effective	Research Concepts (primary)1000



			<u>Lifetime</u>	
MemberOf	View	630	Weaknesses Examined by SAMATE	Weaknesses Examined by SAMATE (primary)630
CanFollow	Weakness Class	390	Detection of Error Condition Without Action	Research Concepts1000

#### **Relationship Notes**

This is often a resultant weakness due to improper handling of malformed data or early termination of sessions.

#### **Affected Resources**

### Memory

#### **Functional Areas**

#### Memory management

## **Taxonomy Mappings**

<b>Mapped Taxonomy Name</b>	Node ID	Fit	<b>Mapped Node Name</b>
PLOVER			Memory leak
7 Pernicious Kingdoms			Memory Leak
CLASP			Failure to deallocate data
OWASP Top Ten 2004	A9	CWE More Specific	Denial of Service

#### **White Box Definitions**

A weakness where the code path has:

- 1. start statement that allocates dynamically allocated memory resource
- 2. end statement that loses identity of the dynamically allocated memory resource creating situation where dynamically allocated memory resource is never relinquished

Where "loses" is defined through the following scenarios:

- 1. identity of the dynamic allocated memory resource never obtained
- 2. the statement assigns another value to the data element that stored the identity of the dynamically allocated memory resource and there are no aliases of that data element
- 3. identity of the dynamic allocated memory resource obtained but never passed on to function for memory resource release
- 4. the data element that stored the identity of the dynamically allocated resource has reached the end of its scope at the statement and there are no aliases of that data element

#### References

J. Whittaker and H. Thompson. "How to Break Software Security". Addison Wesley. 2003.

#### **Content History**

Submissions				
<b>Submission Date</b>	Submitter	Organization	Source	10 10 10 10
	PLOVER		Externally Mined	
Modifications	1000	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO THE PERSON NAMED IN	
<b>Modification Date</b>	Modifier	Organization	Source	de Tale The
2008-07-01	Eric Dalci	Cigital	External	
1 40	updated Time of Introduc	tion		8.
2008-08-01		KDM Analytics	External	
	added/updated white box	definitions		
2008-08-15		Veracode	External	
- CAY	Suggested OWASP Top Te	en 2004 mapping		2 0 0 V
2008-09-08	CWE Content Team	MITRE	Internal	
		rms, Common Consequence Notes, Taxonomy Mappings,	s, Relationships, Other Notes, Terminology Notes	
2008-10-14	CWE Content Team	MITRE	Internal	
	updated Description			
2009-03-10	CWE Content Team	MITRE	Internal	
	updated Other Notes			
2009-05-27	CWE Content Team	MITRE	Internal	
	updated Name			
2009-07-17	KDM Analytics		External	
	Improved the White Box I	Definition		7 92/1/7

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2009-07-27	CWE Content Team MITRE	Internal	
	updated White Box Definitions		
2009-10-29	CWE Content Team MITRE	Internal	
	updated Modes of Introduction, Other Notes		
2010-02-16	CWE Content Team MITRE	Internal	
Section of the second	updated Relationships	# 1 P	W. W.
<b>Previous Entry N</b>	ames		
<b>Change Date</b>	Previous Entry Name		
2008-04-11	Memory Leak		
2009-05-27	Failure to Release Memory Before Removing Leak')	Last Reference (aka 'Memory	
- 0.56	7.35.77	. 035.77	DA OIZ TO TOI

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## **Third Party Keyboard Enabled**

風險

#### 可能發生什麼問題

一個有惡意的第三方鍵盤有可能會紀錄鍵盤輸入歷程,並將記錄檔傳送到攻擊者的伺服器中。所有的 UITextField 和 UITextView 物件如果將 secureTextEntry 屬性設定為 YES 的話預設是會阻擋所有第三方鍵盤的使用。然而,如果為了隱藏的字元將 secureTextEntry 設定為 NO,那麼第三方鍵盤就有可能竊取敏感性資料。

## 原因

#### 如何發生

使用者安裝了一個看起來沒問題的惡意第三方鍵盤,接著在應用程式介面中點擊一個 UITextField 來輸入他的身分證字號。為了要看得到輸入的字元所以 UITextField 的secureTextEntry 屬性是設定為 NO, 這樣的話第三方鍵盤是可以使用的, 而且使用者選擇使用這個惡意鍵盤, 這個鍵盤記錄了身分證字號並傳送到攻擊者的伺服器。

## 一般建議

#### 如何避免

1. 透過將包函敏感性資料之 UITextView 及 UITextField 元素 的 secureTextEntry 屬性設定為 YES 來提升安全性。詳見範例 "將 UITextField 設定為安全保護的".

-或是-

2. 在你的應用程式中完全關閉第三方鍵盤,要注意的是這可能會降低應用程式的使用者體驗。 詳見範例 "將以下程式加入你的 UIApplicationDelegate 來關閉第三方鍵盤".

## 程式碼範例

#### Objective-C

Marking a UITextField as secure

```
UITextField* textField = [[UITextFieldalloc] init];
textField.secureTextEntry = YES;
```

To disabling third party keyboards, add the following code to your UIApplicationDelegate

```
- (BOOL) application: (UIApplication *) application
shouldAllowExtensionPointIdentifier: (NSString *) extensionPointIdentifier
{

if (extensionPointIdentifier == UIApplicationKeyboardExtensionPointIdentifier)
{

return NO;
}

return YES;
```



1

Objc

#### Marking a UITextField as secure

```
UITextField* textField = [[UITextFieldalloc] init];
textField.secureTextEntry = YES;
```

#### To disabling third party keyboards, add the following code to your UIApplicationDelegate

```
- (BOOL) application: (UIApplication *) application shouldAllowExtensionPointIdentifier: (NSString
*) extensionPointIdentifier
{
    if (extensionPointIdentifier == UIApplicationKeyboardExtensionPointIdentifier)
    {
        return NO;
    }
    return YES;
}
```

#### **Swift**

#### Marking a UITextField as secure

```
let textField = UITextField()
textField.secureTextEntry = true
```

## To disabling third party keyboards, add the following code to your UIApplicationDelegate

```
func application(application: UIApplication, shouldAllowExtensionPointIdentifier
extensionPointIdentifier: String) -> Bool
{

    if (extensionPointIdentifier == UIApplicationKeyboardExtensionPointIdentifier)
    {
        return false
    }
    return true
}
```



# Use of Broken or Risky Cryptographic Algorithm

風險

可能發生什麼問題

使用脆弱的或破解的演算法, 首先破壞了使用加密機制授予的保護, 損害敏感資料的機密性或完整性。 這可能使攻擊者能竊取機密資訊、更改敏感資料或偽造已修改訊息的來源。

## 原因

如何發生

應用程式通過字串參數、方法或特定實現類別指定選出加密演算法的名稱。這些演算法屬於弱加密,以至於能在一段時間內破壞。強大的演算法應該能夠抵禦遠超出可能範圍的攻擊。

## 一般建議

#### 如何避免

- 僅使用強大的、已批准的加密演算法, 其中包括高級加密標準(Advanced Encryption Standard, AES)、RSA加密演算法(RSA)、修正錯誤記憶體(Error-correcting code memory, ECC memory)和SHA-256, 等等。
- 不要使用被認為是破解的弱的演算法, 例如DES, RC4, and MD5, 等等。
- 在可能的情況下,避免使用那些有足夠安全係數但不被視為"經得起未來考驗"的舊有演算法,即便在今日它們被認為是 "足夠安全的"。這包括比它們預期中更弱的演算法,並有更強的替換,例如 SHA-1,3DES。
- 考慮使用一套相關的官方分類,例如 NIST 或 ENISA。如果可能,請使用 FIPS 140-2 認證的演算法實作。

程式碼範例

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## **Use of Insufficiently Random Values**

風險

## 可能發生什麼問題

隨機數值通常被用來作為防止惡意使用者猜測如密碼、加密金鑰或session識別元等數值的機制,依照此隨機數值用途的不同,攻擊者能夠有辦法預測下一個或已經產生過的隨機值,這使得攻擊者可以奪取另外一位使用者的session,並取代他的身分,或是破解一組加密金鑰(端看這組偽隨機值的用途)。

## 原因

#### 如何發生

應用程式使用較弱的演算法來產生偽隨機值,代表決定其他數值的樣本大小相對來說是較小的。因為產生隨機值所使用的偽隨機值產生器是基於統計學上的均勻分布所設計的,具有近似確定性。所以在收集到數個產生出來的數值(建立幾個獨立session然後收集session辨識碼)

後,攻擊者就有可能計算出其他的session辨識值。

更準確的說,如果這組偽隨機值被用做任何安全性使用,如密碼、金鑰、或是隱密辨識值,攻擊者就可以 預測下一個或已經產生的數值。

## 一般建議

#### 如何避免

### 一般建議:

- 當在安全性情境下需要用到任何不可預測值時,使用加密型強隨機數產生器取代基於統計的偽隨機產生器。
- 使用你的程式語言或平臺內建的隨機加密產生器,而且確保亂數種子的產生是安全的 (大多數的情況下,預設就是安全的隨機值)。
- 確保你的隨機值夠長, 讓暴力破解失效。

#### 具體建議:

○ 用隨機加密產生器取代基於統計的偽隨機產生器。在 Java 中, 使用 SecureRandom 類別

## 程式碼範例

#### Java

#### Use of a weak pseudo-random number generator

```
Random random = new Random();
long sessNum = random.nextLong();
String sessionId = sessNum.toString();
```

#### Cryptographically secure random number generator



```
SecureRandom random = new SecureRandom();
byte sessBytes[] = new byte[32];
random.nextBytes(sessBytes);
String sessionId = new String(sessBytes);
```

## Objc

#### Use of a weak pseudo-random number generator

```
long sessNum = rand();
NSString* sessionId = [NSString stringWithFormat:@"%ld", sessNum];
```

#### Cryptographically secure random number generator

```
UInt32 sessBytes;
SecRandomCopyBytes(kSecRandomDefault, sizeof(sessBytes), (uint8_t*)&sessBytes);
NSString* sessionId = [NSString stringWithFormat:@"%llu", sessBytes];
```

#### Swift

#### Use of a weak pseudo-random number generator

```
let sessNum = rand();
let sessionId = String(format:"%ld", sessNum)
```

#### Cryptographically secure random number generator

```
var sessBytes: UInt32 = 0
withUnsafeMutablePointer(&sessBytes, { (sessBytesPointer) -> Void in
    let castedPointer = unsafeBitCast(sessBytesPointer, UnsafeMutablePointer<UInt8>.self)
    SecRandomCopyBytes(kSecRandomDefault, sizeof(UInt32), castedPointer)
})
let sessionId = String(format:"%llu", sessBytes)
```



## **Use of Hardcoded Password**

## 風險

#### 可能發生什麼問題

直接寫入的密碼會造成密碼的洩漏。如果攻擊者可以取得程式原始碼, 他便可取得密碼, 並利用它們來冒充合法使用者。攻擊者可以冒充自己是應用程式的末端使用者, 或假裝應用程式登入遠端系統, 例如資料庫或網路服務。

一旦攻擊者成功冒充使用者或應用程式,他便可取得完整的控制權,並做到任何能做的事。

## 原因

#### 如何發生

應用程式程式庫含有嵌入在原始碼內的字串型態的密碼。這個直接寫入的值被直接使用或是用來和使用者輸入做驗證比對。或驗證末端程式連線到遠端系統(如資料庫或網路服務)。

攻擊者只需要取得原始碼即可揭露被直接寫入的密碼。同樣的,攻擊者也可以進行逆向工程反編譯應用程式的二進位程式碼,並簡單的取得寫入的密碼。一旦被發現,攻擊者可以很容易的使用這個密碼進行假冒攻擊,無論是對應用程式或遠端系統。

此外, 一旦被偷取, 將無法簡單的更改來預防更進一步的濫用, 除非應用程式重新編譯過。此外, 這個應用程式如果被分配到多個系統, 從一個系統竊取的密碼可以自動允許在所有被部屬的系統上使用。

## 一般建議

#### 如何避免

不要將機密資料直接寫入程式碼內。

特別是, 用戶的密碼應該儲存在資料庫或是目錄服務, 並使用夠強的雜湊演算法進行加密保護。(如bcrypt, scrypt, PBKDF2, or Argon2)。不要用直接寫入的值進行比對。

系統密碼應該儲存在配置文件或資料庫,並以強大的加密方法保護(例如AES-256)。加密金鑰應該被安全的保護。

## 程式碼範例

#### Java

#### **Hardcoded Admin Password**

```
bool isAdmin(String username, String password) {
   bool isMatch = false;

if (username.equals("admin")) {
    if (password.equals("P@sswOrd"))
        return isMatch = true;
   }

   return isMatch;
}
```

#### **No Hardcoded Credentials**

```
bool isAdmin(String username, String password) {
   bool adminPrivs = false;

if (authenticateUser(username, password)) {
```



```
UserPrivileges privs = getUserPrivileges(username);

if (privs.isAdmin)
    adminPrivs = true;
}

return adminPrivs;
}
```



## **Buffer Size Literal**

## 風險

#### 可能發生什麼問題

使用固定數值來定義緩衝區大小時如果程式基礎沒有適當維護的話就有可能會造成緩衝區溢位的情況 , 攻擊者可以透過緩衝區溢位造成的應用程式漏洞來執行任意程式碼。

## 原因

#### 如何發生

緩衝區的大小由固定數值定義。一位開發者對程式進行修改,減少了分配的緩衝區大小,但是忘記減少狀態語句中的固定數值,造成了緩衝區溢位,在運行時會造成以下情況發生:溢位了的緩衝區位於記憶體的堆疊中,而函數的"回傳位址"則是位在緩衝區最後一個位址中。

攻擊者能夠借由這個溢位情況利用輸入來覆寫緩衝區原有的回傳位址, 新的回傳位址被重新指定到另一個在攻擊者操控下的記憶體區塊中, 當函數要進行回傳時, 攻擊者的程式能夠以應用程式等級的權限來執行。

## 一般建議

#### 如何避免

以常數來定義緩衝區大小,在後續的程式中也只使用這個常數。

程式碼範例

## Objc

#### Stream Read Vulnerable to Buffer Overflow

```
void f() {
    char buf[10];
    char* sourceString = istream.read("input");
    if (strlen(sourceString) < 10)
    {
        strcpy(buf, sourceString);
    }
}</pre>
```

#### **Buffer Size Limitation Prevents Buffer Overflow**

```
void f()
{
    const int MAX_INPUT_SIZE = 256;
    const int BUFFER_SIZE = 10;
    char buf[BUFFER_SIZE];
    char* sourceString = istream.read("input");
    if (strnlen(sourceString, MAX_INPUT_SIZE) < BUFFER_SIZE)
    {
        strcpy(buf, sourceString);
    }
}</pre>
```





# 檢測的語言

語言	HASH值	變更的日期
JavaScript	0109410431041810	2021/3/30
Objc	0117524944415824	2021/3/30
Common	0157811926056659	2021/6/15