

REFERENCE GUIDE

The aim of this poster is to provide a list of the most interesting files and folders in the "Data" and "Shared" folders for the most commonly used third-party apps.

DFPS_iOS-APPS-v1.3_04-24 This poster was created by Mattia Epifani (@mattiaep) with support of the SANS DFIR Faculty. ©2024 Mattia Epifani. All Rights Reserved. Business/Productivity, Navigation & Travel, and so on). Once an app is installed on an iOS device: • App Bundle is installed in a subfolder in the

/private/var/containers/Bundle folder

• App Data is stored in a subfolder in the /private/var/mobile/Containers/Data/Application/ folder (App Sandbox)

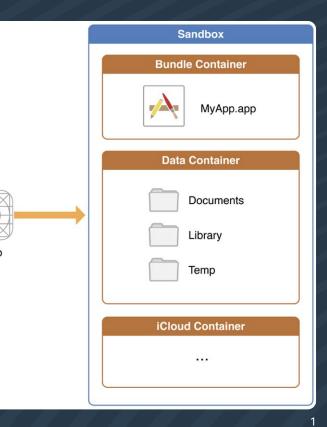
The easiest way to track down an iOS application's Data folder is to analyze the /private/var/mobile/Library/FrontBoard/applicationstate.db database, as described in a blog post by Alexis Brignoni².

iOS third-party apps can be installed from the Apple App Store, where

they are organized based on categories (e.g., Social Networking,

Some Apps can also store data in other subfolders like the /private/var/mobile/Containers/Share/AppGroup/ folder. Two good ways to locate the Sandbox folder for the AppGroup are mentioned in blog posts by Scott Vance³ and Yogesh Khatri⁴.

The internal structure of an App folder can be determined by the developer, but Apple provides some guidelines in its File System Programming Guide⁵.



https://developer.apple.com/library/archive/documentation/FileManagement/Conceptual/FileSystemProgrammingGuide/FileSystemOverview/FileSystemOverview.html https://abrignoni.blogspot.com/2018/12/identifying-installed-and-uninstalled.html https://blog.d204n6.com/2020/09/ios-tracking-bundle-ids-for-containers.html

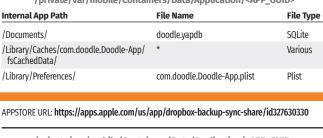
4 https://www.swiftforensics.com/2021/01/ios-application-groups-shared-data.html 5 https://developer.apple.com/library/archive/documentation/FileManagement/Conceptual/FileSystemProgrammingGuide/FileSystemOverview/FileSystemOverview.html

Business/Productivity



Dropbox

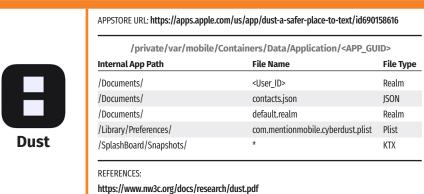
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/private/var/mobile/Contai	ners/Data/Application/ <app_< th=""><th>_GUID></th></app_<>	_GUID>
Internal App Path	File Name	File Type
/Documents/	doodle.yapdb	SQLite
/Library/Caches/com.doodle.Doodle-App/fsCachedData/	*	Various
/Library/Preferences/	com.doodle.Doodle-App.plist	Plist



Internal App Path	File Name	File Type
/Documents/	spotlight.db	SQLite
/Documents/Users/ <user_id>/</user_id>	Dropbox.sqlite	SQLite
/Documents/Users/ <user_id>/</user_id>	metadata.db	SQLite
/Documents/Users/ <user_id>/</user_id>	offline.db	SQLite
/Documents/Users/ <user_id>/</user_id>	recent_actions_local.db	SQLite
/Documents/Users/ <user_id>/</user_id>	recent_actions_server.db	SQLite
/Documents/Users/ <user_id>/</user_id>	starred_infos_local.db	SQLite
/Library/Cache/Users/ <user_id>/FileCache/ Loaded/</user_id>	*	Various
/Library/Preferences/	com.getdropbox.Dropbox.plist	Plist
/private/var/mobile/Containe	ers/Shared/AppGroup/ <app_< td=""><td>GUID></td></app_<>	GUID>
Internal App Path	File Name	File Type
/File Provider Storage/ <user-id>/</user-id>	*	Various

/private/var/mobile/Con	tainers/Shared/AppGroup/ <app gu<="" th=""><th>JID></th></app>	JID>
Internal App Path	File Name	File Type
/File Provider Storage/ <user-id>/ local-storage/</user-id>	*	Various
/Library/Preferences/	group.com.getdropbox.Dropbox.plist	Plist
/Users/ <user_id>/</user_id>	Dropbox.sqlite	SQLite
/Users/ <user_id>/</user_id>	file_provider_metadata_with_ assistant.db	SQLite
/Users/ <user_id>/</user_id>	upload_queue_v2.db	SQLite
/Users/ <user_id>/FileCache/</user_id>	*	Various

REFERENCES:
https://abrignoni.blogspot.com/2018/12/profiling-user-activity-in-dropbox-for.html
https://www.marshall.edu/forensics/files/Treleven-Dropbox-Paper-FINAL.pdf
https://arxiv.org/ftp/arxiv/papers/1709/1709.10395.pdf
https://link.springer.com/article/10.1007/s11227-020-03255-5
https://www.tandfonline.com/doi/abs/10.1080/00450618.2015.1110620?scroll=top&needAccess =true&journalCode=tajf20



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6	/Documents/	default.realm	Realm
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	/Library/Preferences/	com.eventbrite.attendee.plist	Plist

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	Internal App Path	File Name	File Type
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	/Library/Caches/com.google.commmon. SSO/ <user_id>/</user_id>	Profile.plist	Plist
:1	/Library/Caches/	Contacts_15_ <user_id>.db</user_id>	SQLite
mail	/Documents/drivekit/users/ <user_id>/ gdx-cello/</user_id>	cello.db	SQLite
	/Library/Application Support/data/ <email_address>/</email_address>	sqlitedb	SQLite

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	Internal App Path	File Name	File Type
	/Documents/ <user_id>/</user_id>	comments_snapshot_ <user_id>.db</user_id>	SQLite
	/Documents/drivekit/users/ <user_id>/cello/</user_id>	cello.db	SQLite
	/Documents/drivekit/users/ <user_id>/files/</user_id>	*	Various
	/Documents/drivekit/users/ <user_id>/logs/</user_id>	*	TXT
Google Drive	/Documents/drivekit/users/ <user_id>/ thumbnails/</user_id>	*	Various
	/Library/Caches/drivekit/users/ <user_id>/ image-fetcher-cache/main-cache/</user_id>	cacheV0.db	SQLite
	/Library/Preferences/	com.google.Drive.plist	Plist

/private/var/mobile/Contai	ners/Data/Application/ <app< th=""><th>_GUID></th></app<>	_GUID>
Internal App Path	File Name	File Type
/Documents/	Messenger.sqlite	SQLite
/Documents/	msg_database.sqlite	SQLite
/Documents/LIImageCache/	*	Various
/Documents/LIMediaAVPlaybackDiskCache/	*	Various
Library/Caches/WebKit/NetworkCache/	*	Various
/Library/Preferences/	com.linkedin.LinkedIn.plist	Plist

https://it.scribd.com/document/576118 Belong-to-Me)-All-Your-Data-are-
APPSTORE URL: https://apps.apple.com	/it/app/mega/id706857885	
/private/var/mobile/Cor	ntainers/Data/Application/ <a< th=""><th>PP_GUID></th></a<>	PP_GUID>
Internal App Path	File Name	File Type
/Library/Application Support/	karere- <uder_id>.db</uder_id>	SQLite
/Library/Application Support/	Megaclient_statecache13_ <us< td=""><td>ser_ID>.dbSQLite</td></us<>	ser_ID>.dbSQLite
/Library/Application Support/Uploads/	*	Various
/Library/Caches/com.hackemist.SDImag Various	geCache/	*
/Library/Caches/mega.ios/	Cache.db	SQLite

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	/Library/Caches/mega.ios/	Cache.db	SQLite
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	https://link.springer.com/article/10.100	•	
	https://www.tandfonline.com/doi/abs/	10.1080/00450618.2015.11106	520?scroll=top&needAccess

=true&journalCode=tajf20



Internal App Path	File Name	File Type
/Library/LogMeInConfig/	com.logmein.ignition.xml	XML
/Library/LogMeInConfig/	sessiondata.xml	XML
/Library/Preferences/	com.logmein.logmein.plist	Plist

Internal App Path	File Name	File Typ
/Library/Database/	moddatabase.db	SQLite
/Library/Preferences/	com.microsoft.skydrive.plist	Plist
/SplashBoard/Snapsh /private/v Internal App Path	ots/ * ar/mobile/Containers/Shared/AppGroup/ <ai File Name</ai 	KTX PP_GUID> File Typ
/private/v Internal App Path	ar/mobile/Containers/Shared/AppGroup/ <ai File Name</ai 	PP_GUID> File Typ
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APPSTORE URL: https://apps.applo	e.com/us/app/microsoft-teams/id111	3153706
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/Library/.IntuneMAM/	Config.plist	Plist
/Library/Shiftr/	Shiftr.sqlite	SQLite

nternal App Path	File Name	File Type
Library/.IntuneMAM/	Config.plist	Plist
Library/Shiftr/	Shiftr.sqlite	SQLite
Library/Preferences/	com.microsoft.skype.teams.plist	Plist
SplashBoard/Snapshots/	*	KTX
	ners/Shared/AppGroup/ <app_g< th=""><th></th></app_g<>	
/private/var/mobile/Conta nternal App Path	ners/Shared/AppGroup/ <app_g File Name</app_g 	UID> File Type
		File Type
nternal App Path	File Name	File Type
nternal App Path /Library/Preferences/	File Name group.com.microsoft.skype.teams.plis SkypeSpacesDogfood- <guid>.sqlite</guid>	File Type t Plist
nternal App Path (Library/Preferences/ (SkypeSpacesDogfood/ <team_id>/</team_id>	File Name group.com.microsoft.skype.teams.plis SkypeSpacesDogfood- <guid>.sqlite</guid>	File Type t Plist SQLite

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Internal App Path	File Name	File Typ
/Library/Caches/SentryCras/Proto	nMail/Data/ CrashState.json	JSON
/Library/Preferences/	ch.protonmail.protonmail.plist	Plist
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/Library/Preferences/	com.tinyspeck.chatlyio.plist	Plist

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https://abrignoni.blogspot.com/2018/10/fir	nding-slack-app-messages-in-i	os.html
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KTX

/SplashBoard/Snapshots/

/com.silentcircle.SilentPhone/Chat/

Slack

Tutanota

/com.silentcircle.SilentPhone/Preferences/ preferences.plist

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/SplashBoard/Snapshots/	*	KTX
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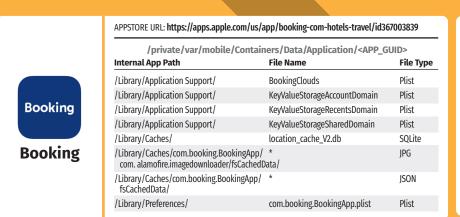
https://blog.oxygen-forensic.com/wire-app-extraction

https://wire-docs.wire.com/download/Wire+Security+Whitepaper.pdf

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https://www.hecfblog.com/2020/04/daily-blog-684-solution-saturday-42520.html

Navigation & Travel



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/Library/Preferences/	com.foursquare.robin.plist	Plist

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	Library/Application Support/ GMSCacheStorage-SavedUserEvent3/	SavedUserEvent3.sqlite	SQLite	
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Google Maps	/Library/Caches/com.google. commmon.SSO/ <user_id>/</user_id>	Profile.plist	Plist	
	/Library/Preferences/	com.google.Maps.plist	Plist	
	/private/var/mobile/Containers/Shared/AppGroup/ <app_guid></app_guid>			
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	/Library/Preferences/	group.com.google.Maps.plist	Plist	
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KLM	/Library/Caches/com.klm.mobile.iphone. klmmobile/fsCachedData/	*	Various		
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312	/Documents/WatchedFlights/	WatchedFlights.json	JSON
kyscanner	/Library/Caches/com.hackemist. SDImageCache/default/	*	JPG
/scanner	/Library/Caches/net.skyscanner.iphone/ netcache/	Cache.db	SQLite
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/Library/Caches/ foursquare.sqlite SQLite	_ /!	/Documents/	/Documents/ FSQPVisitStoreLocations.archive
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66	/	/Documents/	/Documents/ logged_in_user_info
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/private/var/mobile/Containers/Data/Application/ <app_guid> Internal App Path File Name File Type Tripadvisor</app_guid>	/	/Documents/	/Documents/ TripAdvisor-Preferences.plist
Internal App Path File Name File Type Irripadvisor	/	/Documents/	/Documents/ typeahead_recents
/Documents/GMSCacheStorage-AZSpotlight AZSpotlightStorageModel.sqlite SQLite	/	/Documents/inbox/	/Documents/inbox/ db
StorageModel/GMSCacheStorage- AZSpotlightStorageModel/		/Library/Caches/com.tripadvisor. LocalPicks/fsCachedData/	
/Library/Application Support/ com.google.gscors.account. Plist /Lib	Libra	ry/Caches/TIPImagePipeline/	ry/Caches/TIPImagePipeline/ *
	Library/F	Preferences/	Preferences/ com.tripadvisor.LocalPicks.plist
/Library/Application Support/ MyMaps.sqlite SQLite			
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/Library/Application Support/ SavedUserEvent3.sqlite SQLite GMSCacheStorage-SavedUserEvent3/			vivate/vav/mehile/Containers/Data/Application/cADD GIIII

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/Document/	session	TXT	
/Document/	preferences	TXT	
/Document/	user.db	SQLite	
/Library/Preferences/	com.waze.iphone.plist	Plist	

Various

Utilities

	Internal App Path	File Name	File Type		
	/Documents/Downloads/	*	Various		
Brave	/Library/Application Support/	Brave.sqlite	SQLite		
Browser	/Library/Preferences/	com.brave.ios.browser.plist	Plist		
	APPSTORE URL: https://apps.apple.com/us	/app/burner-private-phone-line/ic	1505800761		
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	Internal App Path	File Name	File Type		
	/Library/Caches/com.adhoclabs.burner/	Cache.db	SQLite		
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9	/Library/Preferences/	com.adhoclabs.burner.plist	Plist		
Burner	/SplashBoard/Snapshots/	*	KTX		
Burner	/private/var/mobile/Containers/Shared/AppGroup/ <app guid=""></app>				
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	1	Phoenix.sqlite	SQLite		
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	https://digitalforensicstips.com/2013/07/forensic-artifact-analysis-of-the-burner-app-for-the-iphone				
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APPSTORE URL: https://apps.apple.com/us/app/brave-private-browser-vpn/id1052879175

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	REFERENCES: https://digitalforensicstips.com/2013/07/fore	ensic-artifact-analysis-of-the-burner-ap	p-for-the-iphone	
	APPSTORE URL: https://apps.apple.com/us/app/duckduckgo-privacy-browser/id663592361			
	/private/var/mobile/Containers/Data/Application/ <app_guid> Internal App Path File Name File Type</app_guid>			
	/Library/Preferences/	com.duckduckgo.mobile.ios.plist	Plist	
DuckDuckGo Browser	/Library/Caches/WebKit/NetworkCache/ Version 16/Records/	*	Various	
	ADDETERS UP III II II	l 15 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20001005	
	APPSTORE URL: https://apps.apple.com/us	/app/firefox-private-safe-browser/id	989804926	
	/private/var/mobile/Contai	iners/Data/Application/ <app_g< th=""><th>UID></th></app_g<>	UID>	

/private/var/mobile/Containers/Data/Application/ <app_guid></app_guid>			
Internal App Path	File Name	File Type	
/Library/Caches/WebKit/NetworkCache/	*	Various	
/Library/Preferences/	org.mozilla.ios.Firefox.plist	Plist	
Internal App Path	ners/Shared/AppGroup/ <app_ File Name</app_ 	File Type	
		GUID> File Type SQLite	
Internal App Path	File Name	File Type	
Internal App Path /profile.profile/	File Name browser.db	File Type SQLite	
Internal App Path /profile.profile/ /profile.profile/	File Name browser.db logins.db	File Type SQLite SQLite	



	APPSTORE URL: https://apps.apple.com/us/app/google-chrome/id535886823				
9	/private/var/mobile/Containers/Data/Application/ <app_guid> Internal App Path File Name File Type</app_guid>				
	/Library/Application Support/Google/ Chrome/Default/	*	Various		
Google Chrome	/Library/Caches/com.google.commmon. SSO/ <user_id>/</user_id>	Profile.plist	Plist		
	/Library/Preferences/	com.google.chrome.ios.plist	Plist		
	APPSTORE URL: https://apps.apple.com/us	s/app/microsoft-edge-web-browser	/id1288723196		

totamed to part	ella Nama	- File Time	
Internal App Path	File Name	File Type	
/Documents/	OfflineCache.sqlite	SQLite	
/Documents/CitrixLogs/Diagnostics/	*	CSV	
/Documents/TabScreenshot/	*	JPG	
/Library/Application Support/ChromeSync/	*	Various	
/Library/Caches/com.microsoft.msedge/ fsCachedData/	*	Various	
/Library/Preferences/	com.microsoft.msedge.plist	Plist	

//apps.apple.com/us	/app/firefox-private-safe-browser/id	989804926	APPSTORE URL: https://apps.apple.	com/us/app/onion-browser/id519296448
ar/mobile/Conta	iners/Data/Application/ <app_g File Name</app_g 	UID> File Type	/private/var/mobile	Containers/Data/Application/ <app_g< th=""></app_g<>
Kit/NetworkCache/	*	Various	Internal App Path	File Name
1	org.mozilla.ios.Firefox.plist	Plist	/Documents/	bookmarks.plist
ar/mobile/Contai	ners/Shared/AppGroup/ <app_c< td=""><td></td><td>/Library/Caches/com.miketigas. OnionBrowser/</td><td>Cache.db</td></app_c<>		/Library/Caches/com.miketigas. OnionBrowser/	Cache.db
	File Name	File Type	/Library/Caches/tor/	state
	browser.db	SQLite	/Library/Preferences/	com.miketigas.OnionBrowser.plist
	logins.db	SQLite	owser	- '
	places.db	SQLite	REFERENCES:	
	tabState.archive	Plist	https://roselabs.nl/files/audit repor	CuraE2 Onion Browsowndf
I	group.org.mozilla.ios.Firefox.plist	Plist	nitps://rosetabs.ni/nies/audit_repor	S/CureosOnion_browser.par







APPSTORE URL: https://apps.apple.com	n/us/app/venmo/id351727428	
/private/var/mobile/Co	ntainers/Data/Application/ <app_< th=""><th>_GUID></th></app_<>	_GUID>
Internal App Path	File Name	File Typ
/Documents/	Model.sqlite	SQLite
/Documents/	mParticle28.db	SQLite
/Library/Caches/com.hackemist. SDImageCache/default/	*	Various
/Library/Preferences/	net.kortina.labs.Venmo.plist	Plist
/SplashBoard/Snapshots/	*	KTX

Social Networking

	APPSTORE URL: https://apps.apple.com/us/app/ber	eal-your-friends-for-real/id1459645446	i
	/private/var/mobile/Containers	s/Data/Application/ <app_guid> File Name</app_guid>	File Type
RoPool	/Library/Caches/disk-bereal-ProfileRepository/	*	JSON
BeReal.	/Library/Caches/disk-bereal-RelationshipContacts Manager-contact/	*	JSON
	/Library/Caches/AlexisBarreyat.BeReal/	Cache.db	SQLite
BeReal	/Library/Caches/AlexisBarreyat.BeReal/ fsCachedData/	*	Various
	/Library/Caches/com.hackemist.SDImage Cache/default/	*	Various

APPSTORE URL: https://apps.apple.com/us/app/discord-talk-chat-hang-out/id985746746

Inter	nal App Path	File Name	File Type
/Docu	iments/mmkv/	mmkv.default	JSON
/Docu	ments/RCTAsyncLocalStorage_V1/	<guid></guid>	JSON
/Docu	ments/RCTAsyncLocalStorage_V1/	manifest.json	JSON
/Libra	ry/Caches/com.hackemist.SDImageCache/	*	PNG
/Libra	ry/Caches/com.hammerandchisel.discord/	Cache.db	SQLite
	ry/Caches/com.hammerandchisel.discord/ chedData/	*	JSON
/Libra	ry/Preferences/	com.hammerandchisel.discord.plist	Plist

ADDCTODE LIDL, https://apps.apple.com/us/applfacehook/id20/00221E

REFERENCES:
https://abrignoni.blogspot.com/2018/08/finding-discord-chats-in-ios.html
https://abrignoni.blogspot.com/2020/08/update-on-discord-forensic-artifacts.html
https://www.nw3c.org/docs/research/discord.pdf
https://bluecrewforensics.com/2023/10/30/connecting-discord-attachments-threads-sdwebimage-library

Internal App Path	File Name	File Typ
/Documents/	time_in_app_ <user_id>.db</user_id>	SQLite
/Documents/cask/ <user_id>/FBMessagingMailbox CaskStore/1</user_id>	fb-msys- <user_id>.db</user_id>	SQLite
/Library/Caches/com.facebook. Facebook.MosaicIGImageDiskCache/	*	Various
/Library/Caches/com.facebook.Facebook/ fsCachedData	*	Various
/Library/Caches/graphStoreDB/	GraphStore_ <user_id>.sqlite3</user_id>	SQLite
/Library/Caches/messenger_contacts. <guid>/</guid>	fbsyncstore.db	SQLite
/Library/Caches/search_bootstrap. <guid>/search/</guid>	graph_search_entity_bootstrap.data	File
/Library/Caches/video_cache. <guid>/storage/</guid>	*	Plist
/Library/Preferences/	com.facebook.Facebook.plist	Plist

	REFERENCES:
ı	https://www.academia.edu/10726810/Social_Media_Forensics_on_Mobile_Devices
ı	https://www.tandfonline.com/doi/abs/10.1080/00450618.2015.1066854?src=recsys&journalCode=tajf20
ı	https://www.fbiic.gov/public/2011/jul/Facebook_Forensics-Finalized.pdf
	https://www.researchgate.net/publication/224221519_Third_Party_Application_Forensics_on_ Apple_Mobile_Devices
	https://www.diva-portal.org/smash/get/diva2:651693/fulltext01.pdf

APPSTORE URL: https://apps.apple.com/us/app/messenger/id454638411

	Internal App Path	File Name	File
	/Documents/com.facebook.Messenger.preferences/	<user_id>.session</user_id>	Plist
	/Documents/messenger_secure_messages.sessionless.1/	<user_id>_threadStateStore.db</user_id>	SQLi
	/Documents/messenger_secure_messages.sessionless.1/	<pre><user_id>_v1464784789_tincan.db</user_id></pre>	SQLi
	/Library/Caches/graphStoreDB/	GraphStore_ <user_id>.sqlite3</user_id>	SQLi
	1:11 1- 6 1	a to the state of the	
	/Library/Preferences/ 	com.facebook.Messenger.plist Shared/AppGroup/ <app_guid></app_guid>	Plist
	/private/var/mobile/Containers/	Shared/AppGroup/ <app_guid> File Name</app_guid>	File
	/private/var/mobile/Containers/ Internal App Path	Shared/AppGroup/ <app_guid> File Name</app_guid>	File SQLi
,	/private/var/mobile/Containers/ Internal App Path /Library/Application Support/lightspeed-userDatabase/	Shared/AppGroup/ <app_guid> File Name <user_id>.db</user_id></app_guid>	File SQLitt SQLitt SQLitt
•	/private/var/mobile/Containers/ Internal App Path /Library/Application Support/lightspeed-userDatabase/ /_store_ <guid>/messenger_contacts.v1/</guid>	Shared/AppGroup/ <app_guid> File Name <user_id>.db fbomnistore.db</user_id></app_guid>	File SQLit

https://www.academia.edu/10726810/Social_Media_Forensics_on_Mobile_Devices

https://sqliteforensictoolkit.com/forensic-browser-for-sqlite-structured-storage-manager

APPSTORE URL: https://apps.apple.com/us/app/amazon-prime-video/id545519333

APPSTORE URL: https://apps.apple.com/us/app/google-photos/id962194608

nternal App Path

AIVWebImageCache/

/Library/Preferences/

Internal App Path

SSO/<User_ID>/

ImageFetcherCache/

/Library/Application Support/<ID>/

/Library/Application Support/com.amazon. *

/Library/Caches/com.amazon.AIVAdvertCache/ *

Library/Caches/com.google.commmon.

Library/Application Support/store/ Library/Application Support/store/

/Library/Caches/com.google.photos/

Library/Caches/com.google.photos/

ImageFetcherCache_proxy/

/private/var/mobile/Containers/Data/Application/<APP_GUID>

/private/var/mobile/Containers/Data/Application/<APP_GUID>

File Name

photos-<User_ID>

cacheV0.db

com.amazon.aiv.AIVApp.plist

https://www.champlain.edu/Documents/LCDI/iPhone%20Artifacts.pdf

https://boncaldoforensics.wordpress.com/2018/07/28/facebook-messenger-windows-app-store-forensics

	APPSTORE URL: https://apps.apple.com/it/app/googl	e-chat/id1163852619	
	/private/var/mobile/Containers Internal App Path	/Data/Application/ <app_guid> File Name</app_guid>	File Type
	/Documents/user_account/ <user_id>/</user_id>	dynamite.db	SQLite
oglo Chat	/Library/Caches/ImageFetcherCache/	cacheV0.db	SQLite
ogle Chat	/Library/Preferences/	com.google.Dynamite.plist	Plist
	APPSTORE URL: https://apps.apple.com/us/app/goog	le-duo/id1096918571	
	/private/var/mobile/Containers Internal App Path	/Data/Application/ <app_guid> File Name</app_guid>	File Type
	/Documents/logs/	*	TXT
	/Library/Application Support/	DataStore	SQLite
ogle Meet	/Library/Caches/com.google.commmon.SSO/ <user_id>/</user_id>	Profile.plist	Plist
3	/Library/Preferences/	com.google.Tachyon.plist	Plist
	APPSTORE URL: https://apps.apple.com/us/app/imo- /private/var/mobile/Containers Internal App Path		3 File Type
	/private/var/mobile/Containers Internal App Path	/Data/Application/ <app_guid> File Name</app_guid>	File Type
	/private/var/mobile/Containers Internal App Path /Documents/	/Data/Application/ <app_guid> File Name imo_acc</app_guid>	File Type
	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive</app_guid>	File Type Plist Plist
	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1</app_guid>	File Type Plist Plist Plist
	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive</app_guid>	File Type Plist Plist
	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/ /Library/Caches/default/com.hackemist.	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1</app_guid>	File Type Plist Plist Plist Plist
(imo)	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/ /Documents/ /Library/Caches/default/com.hackemist. SDWebImageCache.default/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1 imo_stories *</app_guid>	File Type Plist Plist Plist Plist Various
imo	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/ /Library/Caches/default/com.hackemist. SDWebImageCache.default/ /Library/Caches/videos/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1 imo_stories *</app_guid>	File Type Plist Plist Plist Plist Various
imo imo	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/ /Library/Caches/default/com.hackemist. SDWeblmageCache.default/ /Library/Caches/videos/ /Library/Preferences/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1 imo_stories * co.babypenguin.imo.plist *</app_guid>	File Type Plist Plist Plist Plist Various Various Plist
imo	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/ /Documents/ /Library/Caches/default/com.hackemist. SDWebImageCache.default/ /Library/Caches/videos/ /Library/Preferences/ /SplashBoard/Snapshots/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1 imo_stories * co.babypenguin.imo.plist *</app_guid>	Plist Plist Plist Plist Various Various Plist KTX
imo	/private/var/mobile/Containers Internal App Path /Documents/ /Documents/ /Documents/ /Documents/ /Library/Caches/default/com.hackemist. SDWebImageCache.default/ /Library/Caches/videos/ /Library/Preferences/ /SplashBoard/Snapshots/	/Data/Application/ <app_guid> File Name imo_acc imo_last_ts_log_appAlive imo_save_media_local_setting_1 imo_stories * co.babypenguin.imo.plist * Shared/AppGroup/<app_guid> File Name</app_guid></app_guid>	Plist Plist Plist Plist Plist Various Various File Type

	http://prr.hec.gov.pk/jspui/bitstream/123456789/134 Sudozai%20electrical%20engg%202019%20NUST%	29/1/Muhammad%20Asad%20Khan%2	20
	APPSTORE URL: https://apps.apple.com/us/app/kik/i	d357218860	
	/private/var/mobile/Containers Internal App Path	Data/Application/ <app_guid></app_guid>	File Type
	/Library/Caches/com.hackemist.SDImageCache/default/	*	Various
	/Library/Caches/com.kik.chat/fsCachedData/	*	Various
	/Library/Preferences/	com.kik.chat.plist	Plist
	/SplashBoard/Snapshots/	*	KTX
	/private/var/mobile/Containers/		51. T
	Internal App Path	File Name	File Type
kık.	/cores/private/ <user-id>/</user-id>	kik.sqlite	SQLite
	/cores/private/ <user-id>/app-lock/</user-id>	app-lock-settings	JSON
live	/cores/private/ <user-id>/attachments/</user-id>	*	Various
	/cores/private/ <user-id>/defaults/</user-id>	kik.defaults	Plist
Kik	/cores/private/ <user-id>/globalDefaults/</user-id>	kik.defaults	Plist
Messenger	/cores/private/ <user-id>/suggested-chats/</user-id>	suggested	JSON
_	/cores/private/ <user-id>/urlData/</user-id>	*	PNG

/cores/private/ <oser-id>/</oser-id>	kik.squte	JULILE
/cores/private/ <user-id>/app-lock/</user-id>	app-lock-settings	JSON
/cores/private/ <user-id>/attachments/</user-id>	*	Various
/cores/private/ <user-id>/defaults/</user-id>	kik.defaults	Plist
/cores/private/ <user-id>/globalDefaults/</user-id>	kik.defaults	Plist
/cores/private/ <user-id>/suggested-chats/</user-id>	suggested	JSON
/cores/private/ <user-id>/urlData/</user-id>	*	PNG
/globalDefaults/	kik.defaults	Plist
/Library/Preferences/	group.com.kik.chat.plist	Plist

Entertainment/Photo & Video

Private

File Type

Various

Various

SQLite

SQLite

SQLite

	• • • • • • • • • • • • • • • • • • •		
	APPSTORE URL: https://apps.apple.com/us/app/m	ewe-network/id918464474	
Me We	/private/var/mobile/Containe	rs/Data/Application/ <app_guid> File Name</app_guid>	File Typ
MEVVE	/Documents/	Sgrouplesdb.sqlite	SQLite
	/Library/Caches/com.mewe/fsCachedData/	*	Various
MeWe	/Library/Caches/com.hackemist.SDImageCache/	*	Various
	/Library/Preferences/	com.mewe.plist	Plist

/private/var/mobile/Containers/Data/Application/<APP_GUID>

PPVCoreData.sqlite

com.enchantedcloud.photovault.plist Plist

https://www.scribd.com/doc/145278610/Artefacts-of-Kik-Messenger-on-iOS

https://blog.oxygen-forensic.com/kickin-kik

Internal App Path

/Library/PPV_Pics/

/Library/Preferences/

/Library/Application Support/

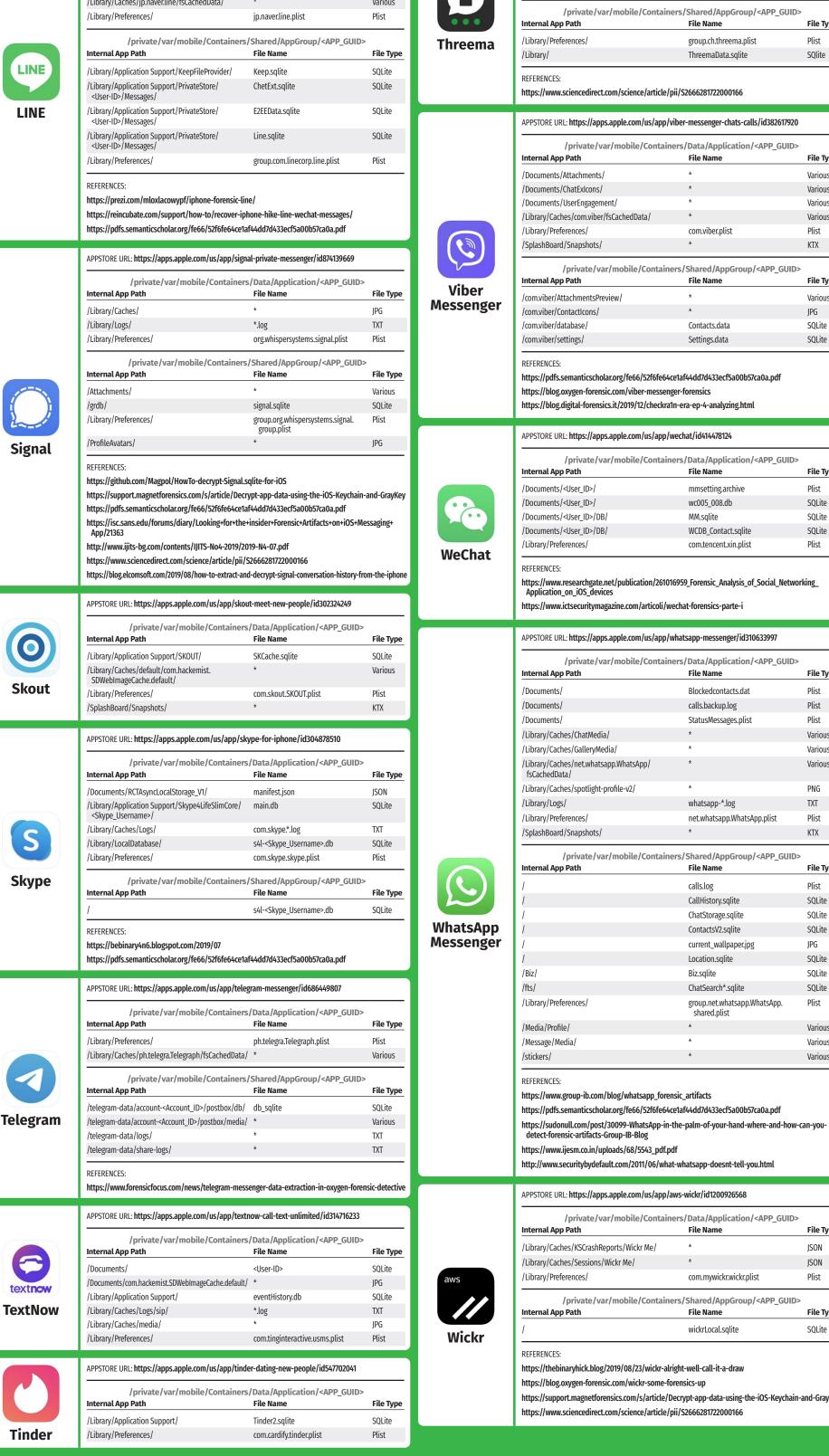
https://dfir.pubpub.org/pub/z29xp2bu/release/1

LINE Skout Skype Telegram APPSTORE URL: https://apps.apple.com/us/app/private-photo-vault-pic-safe/id417571834 File Type



APPSTORE URL: https://apps.apple.com/us/app/line/id443904275

/private/var/mobile/Containers/Data/Application/<APP_GUID>



/Library/Caches/KSCrashReports/Wickr Me/	*	JSON
/Library/Caches/Sessions/Wickr Me/	*	JSON
/Library/Preferences/	com.mywickr.wickr.plist	Plist
Indiana I Anna Bath		
Internal App Path	File Name	File

APPSTORE URL: https://apps.apple.com/us/app/threema-the-secure-messenger/id578665578

Internal App Path

Documents/

/private/var/mobile/Containers/Data/Application/<APP_GUID>

group.ch.threema.plist

ThreemaData.sqlite

com.viber.plist

Contacts.data

Settings.data

File Name

mmsetting.archive

WCDB_Contact.sqlite

com.tencent.xin.plist

Blockedcontacts.dat

StatusMessages.plist

calls.backup.log

whatsapp-*.log

calls.log

ContactsV2.sqlite

Location.salite

ChatSearch*.sqlite

shared.plist

group.net.whatsapp.WhatsApp.

current_wallpaper.jpg

net.whatsapp.WhatsApp.plist

wc005_008.db

MM.sqlite

File Type

SQlite

Various

Various

Various

KTX

Various

JPG

SOLite

SQLite

File Type

SOLite

SQLite

SQLite

File Type

Plist

Plist

Various

Various

Various

PNG

TXT

Plist

KTX

SQLite

SQLite

SOLite

SOLite

SOLite

Plist

Various

Various

Various

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•	REFERENCES: https://thebinaryhick.blog/2019/08/23/wickr-alright-well-call-it-a-draw https://blog.oxygen-forensic.com/wickr-some-forensics-up https://support.magnetforensics.com/s/article/Decrypt-app-data-using-the-iOS-Keycl https://www.sciencedirect.com/science/article/pii/S2666281722000166	hain-and-Gra

Imgur

APPSTORE URL: https://apps.apple.com	n/us/app/imgur-funny-meme-gif-m	aker/id639881495
	ntainers/Data/Application/ </th <th>_</th>	_
Internal App Path	File Name	File Type
/Documents/	default.realm	Realm
/Library/Caches/com.hackemist. SDImageCache/default/	*	Various
/Library/Caches/Logs/	*.log	TXT
/Library/Preferences/	imgurmobile.plist	Plist

APPSTORE URL: https://apps.apple.com/us/a	1pp/Instagram/10.389801252	
/private/var/mobile/Contain Internal App Path	ners/Data/Application/ <app_gui File Name</app_gui 	D> File Typ
/Documents/	time_in_app_ <user_id>.db</user_id>	SQLite
/Library/Caches/ <user_id>/</user_id>	*	Various
/Library/Caches/com.burbn.instagram. IGImageCache/	*	Images
/Library/Caches/com.burbn.instagram. IGSparseVideoCache/	*	Videos
/Library/Caches/com.burbn.instagram.IG SparseVideoPrefetchCacheForNewCacheKey	*	Videos
/Library/Caches/Items/	lastentries. <user_id>.1.coded</user_id>	Plist
/Library/Caches/Items/	lastentries-quickCache. <user_id>. 1.coded</user_id>	Plist
/Library/Caches/Items/	lastentries-fullCache. <user_id>.1.coded</user_id>	Plist
/Library/Application Support/ <user_id>/</user_id>	pending-requests.plist	Plist
/Library/Application Support/DirectSQLite Database/	<user_id>.db</user_id>	SQLite
/Library/Preferences/	com.burbn.instagram.plist	Plist
/private/var/mobile/Contain	ers/Shared/AppGroup/ <app_gu File Name</app_gu 	ID> File Typ
/ <user_id>/user_bootstrap/</user_id>	shared_bootstraps.plist	SQLite
/Library/Preferences/	group.com.burbn.instagram.plist	Plist

/Libidity/Pielelelices/	com.burbn.mstagram.pust	rust
/private/var/mobile/C Internal App Path	ontainers/Shared/AppGroup/ <app_0 File Name</app_0 	GUID> File Type
/ <user_id>/user_bootstrap/</user_id>	shared_bootstraps.plist	SQLite
/Library/Preferences/	group.com.burbn.instagram.plist	Plist
http://xml.jips-k.org/full-text/view?	ew-interesting-ios-forensic-artefacts doi=10.3745/JIPS.03.0097 cles/forensic-analysis-of-third-party-applica	tion-instagra
APPSTORE URL: https://apps.apple.co	om/us/app/netflix/id363590051	
/private/var/mobile/C Internal App Path	Containers/Data/Application/ <app_g File Name</app_g 	iUID> File Type

	APPSTORE URL: https://apps.apple.com/	us/app/netflix/id363590051	
	/private/var/mobile/Con Internal App Path	tainers/Data/Application/ <af File Name</af 	PP_GUID> File Type
	/Documents/	store.sqlite	SQLite
	/Library/assetCache/	*	JPG
	/Library/Caches/br/ch/	*	Various
Netflix	/Library/Caches/com.netflix.Netflix/	Cache.db	SQLite
itetiix	/Library/Caches/com.netflix.Netflix/ fsCachedData/	*	Various
	/Library/Preferences/	com.netflix.Netflix.plist	Plist

		·	
	APPSTORE URL: https://apps.apple.com/us/a	pp/pinterest/id429047995	
	/private/var/mobile/Contain	ers/Data/Application/ <app_gu< th=""><th>ID> File Type</th></app_gu<>	ID> File Type
	/Documents/	activeUser	Plist
	/Documents/	activeUser <user_id></user_id>	Plist
interest	/Library/Caches/com.pinterest.PINDiskCache. PINRemoteImageManagerCache/	*	Various
iliterest	/Library/Caches/com.pinterest. PINDiskCache.PINRemoteModelCache/	*	Various
	/Library/Preferences/	pinterest.plist	Plist

1111446			
Photo Vault	REFERENCES: https://cdn.ymaws.com/www.oshean.org/re	source/resmgr/Email/ruledtheword.p	df
	APPSTORE URL: https://apps.apple.com/us/a	pp/snapchat/id447188370	
	/private/var/mobile/Contain Internal App Path	ners/Data/Application/ <app_gu File Name</app_gu 	ID> File Typ
	/Documents/	user.plist	Plist
	/Documents/	chatConversationStore.plist	Plist
	/Documents/	friendsForAsyncDecode.plist	Plist
	/Documents/	stories.plist	Plist
	/Documents/gallery_data_object/1/ <user_id>/</user_id>	scdb-27.sqlite3	SQLite
	/Documents/global_scoped/Gallery/	*	Various
	/Documents/user_scoped/ <user_id>/arroyo/</user_id>	arroyo.db	SQLite
	/Documents/user_scoped/ <user_id>/databases/</user_id>	memories_asset_repository.sqite	SQLite
	/Documents/user_scoped/ <user_id>/DocObjects/</user_id>	primary.docobjects	SQLite
5 2	/Documents/user_scoped/ <user_id>/TIV/</user_id>	tiv.db	SQLite
	/Documents/user_scoped/ <user_id>/ userPreferences/</user_id>	pref.docobjects	SQLite
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https://www.marshall.edu/forensics/fi	les/Cindy-QWu-Forensic-Analysis-of-Data-Tra	ansience-PPT.pdf
https://resources.infosecinstitute.co forensics/#gref	m/ios-application-security-part-10-ios-file	system-and-
https://doubleblak.com/blogPosts.p	hp?id=5	
http://www.carpeindicium.com/blog	g/gone_10-seconds	

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/Library/Heimdallr/	heimdallr.db	SQLite
/Library/Preferences/	com.zhiliaoapp.musically.plist	Plist

https://www.systoolsgroup.com/updates/retrieve-messages-from-tiktok

https://blog.oxygen-forensic.com/whos-knocking-tiktok

YouTube

https://thinkdfir.com/2019/01/11/what-did-i-listen-to-on-spotify-for-ios

https://dfir.pubpub.org/pub/h6vyh33u,	/release/1	
APPSTORE URL: https://apps.apple.com	n/us/app/youtube-watch-listen-stream	/id544007664
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http://cs.lewisu.edu/mathcs/msisprojects/papers/kevinswartz.pdf

https://www.academia.edu/10726810/Social_Media_Forensics_on_Mobile_Devices https://www.tandfonline.com/doi/abs/10.1080/00450618.2015.1066854?src=recsys&journalCode=tajf20

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