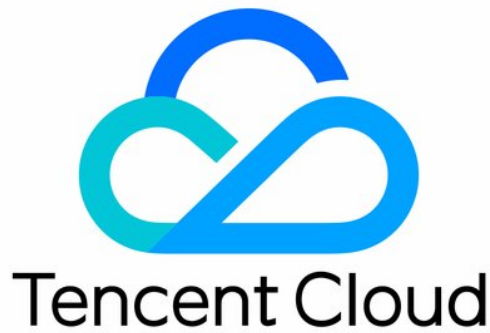


Chat

클라이언트 APIs

제품 문서



Copyright Notice

©2013-2024 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

목록:

- 클라이언트 APIs
 - SDK API(Web)
 - Android
 - iOS & macOS
 - Swift
 - Flutter
 - Electron
 - Unity
 - React Native
 - C APIs
 - C++

클라이언트 APIs

SDK API(Web)

최종 업데이트 날짜: : 2023-02-06 14:54:21

TIM

TIM은 IM Web SDK의 네임스페이스이며 SDK 인스턴스를 생성하기 위한 정적 메서드 `create()`, 이벤트 상수 `EVENT` 및 유형 상수 `TYPES`를 제공합니다.

초기화

API	설명
<code>create</code>	SDK 인스턴스 생성.

SDK 인스턴스

기본 개념	설명
Message(메시지)	IM SDK의 <code>Message</code> 는 보낼 내용을 나타내며 발신자, 발신자 계정, 메시지 생성 시간 등을 지정하는 여러 속성을 전달합니다.
Conversation(대화)	IM SDK의 <code>Conversation</code> 은 두 가지 유형을 사용할 수 있습니다. <ul style="list-style-type: none"> C2C(Client to Client): 두 명의 참가자만 참여하는 일대일 채팅입니다. GROUP(그룹): 두 명 이상의 참가자가 참여하는 그룹 채팅입니다.
Profile(프로필)	IM SDK의 <code>Profile</code> 은 닉네임, 성별, 개인 서명, 프로필 사진 주소 등 사용자의 기본 정보를 설명합니다.
Friend(친구)	IM SDK의 <code>Friend</code> 는 비고, 친구 목록 등 친구의 기본 정보를 설명합니다.
FriendApplication(친구 신청)	IM SDK의 <code>FriendApplication</code> 은 친구 요청의 기본 정보와 친구 출처, 비고 등을 설명합니다.
FriendGroup(친구 그룹)	IM SDK의 <code>FriendGroup</code> 은 친구 목록 이름 및 구성원을 포함하여 친구 목록의 기본 정보를 설명합니다.
Group(그룹)	IM SDK의 <code>Group</code> 은 업무, 공개, 회의, AVChatRoom 등 그룹 채팅을 위한 커뮤니케이션 시스템을 의미합니다.

기본 개념	설명
GroupMember(그룹 구성원)	IM SDK의 GroupMember 는 ID, 닉네임, 역할, 그룹 가입 시간 등 각 그룹 구성원의 기본 정보를 나타냅니다.
그룹 알림	그룹 구성원 추가 또는 삭제와 같은 이벤트가 발생하면 그룹 알림이 생성됩니다. 액세스 측은 그룹 구성원에게 그룹 알림을 표시할지 여부를 구성할 수 있습니다. 그룹 알림 유형에 대한 자세한 내용은 Message.GroupTipPayload 를 참고하십시오.
그룹 시스템 메시지	예를 들어 사용자가 그룹 가입을 요청하면 그룹 관리자는 시스템 메시지를 받습니다. 관리자가 요청을 수락하거나 거부하면 IM SDK는 결과를 액세스 측에 반환한 다음 결과를 사용자에게 표시합니다. 그룹 시스템 메시지 유형에 대한 자세한 내용은 Message.GroupSystemNoticePayload 를 참고하십시오.
화면에 메시지 표시	텍스트 세그먼트 및 이미지를 포함하여 보낸 메시지는 컴퓨터 또는 휴대폰 화면에 표시됩니다.

이벤트

API	설명
on	이벤트 수신을 활성화합니다.
off	이벤트 수신을 비활성화합니다.

플러그인 등록

API	설명
registerPlugin	플러그인을 등록합니다.

로그 레벨 설정

API	설명
setLogLevel	로그 레벨을 설정합니다.

SDK 인스턴스 종료

API	설명
destroy	인스턴스를 종료합니다.

로그인

API	설명
login	로그인합니다.
logout	로그아웃합니다.

메시지

API	설명
createTextMessage	텍스트 메시지를 생성합니다.
createTextAtMessage	@ 알림 기능으로 문자 메시지를 작성합니다.
createImageMessage	이미지 메시지를 생성합니다.
createAudioMessage	음성 메시지를 생성합니다.
createVideoMessage	비디오 메시지를 생성합니다.
createCustomMessage	사용자 정의 메시지를 생성합니다.
createFaceMessage	이모티콘 메시지를 생성합니다.
createFileMessage	파일 메시지를 생성합니다.
createLocationMessage	지리적 위치 메시지를 생성합니다.
createMergerMessage	결합된 메시지를 생성합니다.
downloadMergerMessage	결합된 메시지를 다운로드합니다.
createForwardMessage	포워딩 메시지를 생성합니다.
sendMessage	메시지를 보냅니다.
revokeMessage	메시지를 회수합니다.
resendMessage	메시지를 다시 보냅니다.
deleteMessage	메시지를 삭제합니다.
setMessageExtensions	메시지 확장을 설정합니다.
getMessageExtensions	메시지 확장을 가져옵니다.

API	설명
deleteMessageExtensions	메시지 확장을 삭제합니다.

대화

API	설명
modifyMessage	메시지를 수정합니다.
getMessageList	메시지 목록을 가져옵니다.
getMessageListHopping	지정된 <code>sequence</code> 또는 시간 범위로 대화 메시지 목록을 가져옵니다.
sendMessageReadReceipt	메시지 수신 확인을 보냅니다.
getMessageReadReceiptList	메시지 수신 확인 목록을 풀링합니다.
getGroupMessageReadMemberList	그룹 메시지를 읽은(또는 읽지 않은) 구성원 목록을 가져옵니다.
findMessage	지정된 대화의 로컬 메시지를 <code>messageID</code> 로 쿼리합니다.
setMessageRead	메시지를 읽은 상태로 설정합니다.
getConversationList	대화 목록을 가져옵니다.
getConversationProfile	대화 정보를 가져옵니다.
deleteConversation	대화를 삭제합니다.
clearHistoryMessage	일대일 또는 그룹 채팅의 로컬 및 클라우드 메시지를 지웁니다(대화는 삭제하지 않음).
pinConversation	대화를 상단에 고정/고정 해제합니다.
setAllMessageRead	모든 대화의 읽지 않은 메시지를 읽은 것으로 표시합니다.
setMessageRemindType	대화 메시지 알림 유형을 설정합니다. 이 API를 사용하여 '알림을 음소거'하거나 '메시지를 거부'할 수 있습니다.
getTotalUnreadMessageCount	읽지 않은 세션의 총 수를 가져옵니다.

대화 그룹

API	설명
setConversationCustomData	사용자 정의 대화 데이터를 설정합니다.

API	설명
markConversation	대화를 표시합니다.
getConversationGroupList	대화 그룹 목록을 가져옵니다.
createConversationGroup	대화 그룹을 생성합니다.
deleteConversationGroup	대화 그룹을 삭제합니다.
renameConversationGroup	대화 그룹의 이름을 변경합니다.
addConversationsToGroup	대화를 대화 그룹에 추가합니다.
deleteConversationsFromGroup	대화 그룹에서 대화를 삭제합니다.

프로필

API	설명
getMyProfile	개인 프로필을 가져옵니다.
getUserProfile	다른 사용자의 프로필을 가져옵니다.
updateMyProfile	개인 프로필을 업데이트합니다.
getBlacklist	블록리스트를 가져옵니다.
addToBlacklist	블록리스트에 사용자를 추가합니다.
removeFromBlacklist	블록리스트에서 사용자를 제거합니다.

사용자 상태

API	설명
setSelfStatus	자신의 사용자 지정 상태를 설정합니다.
getUserStatus	사용자의 상태를 쿼리합니다.
subscribeUserStatus	사용자의 상태를 구독합니다.
unsubscribeUserStatus	사용자의 상태 구독을 취소합니다.

관계 체인

API	설명
getFriendList	SDK 캐시에 있는 친구 목록을 가져옵니다.
addFriend	친구를 추가합니다.
deleteFriend	친구를 삭제합니다.
checkFriend	친구를 인증합니다.
getFriendProfile	지정된 사용자의 친구 데이터 및 프로필 데이터를 가져옵니다.
updateFriend	친구의 관계 체인 데이터를 업데이트합니다.
getFriendApplicationList	SDK 캐시에 있는 친구 요청 목록을 가져옵니다.
acceptFriendApplication	친구 요청을 수락합니다.
refuseFriendApplication	친구 요청을 거부합니다.
deleteFriendApplication	친구 요청을 삭제합니다.
setFriendApplicationRead	친구 요청을 읽음으로 설정합니다.
getFriendGroupList	SDK 캐시에서 친구 목록을 가져옵니다.
createFriendGroup	친구 목록을 생성합니다.
deleteFriendGroup	친구 목록을 삭제합니다.
addToFriendGroup	친구 목록에 친구를 추가합니다.
removeFromFriendGroup	친구 목록에서 친구를 제거합니다.
renameFriendGroup	친구 목록의 이름을 수정합니다.

그룹

API	설명
getGroupList	그룹 목록을 가져옵니다.
getGroupProfile	그룹 프로필을 가져옵니다.
createGroup	그룹을 생성합니다.
dismissGroup	그룹을 삭제합니다.

API	설명
updateGroupProfile	그룹 프로필을 수정합니다.
joinGroup	그룹 가입을 신청합니다.
quitGroup	그룹을 종료합니다.
searchGroupById	그룹을 검색합니다.
getGroupOnlineMemberCount	라이브 방송 그룹의 온라인 사용자 수를 가져옵니다.
changeGroupOwner	그룹 소유권을 이전합니다.
getGroupApplicationList	그룹 가입 신청 목록을 가져옵니다.
handleGroupApplication	그룹 가입 요청을 처리합니다.
initGroupAttributes	그룹 속성을 초기화합니다.
setGroupAttributes	그룹 속성을 설정합니다.
deleteGroupAttributes	그룹 속성을 삭제합니다.
getGroupAttributes	그룹 속성을 가져옵니다.

그룹 구성원

API	설명
getGroupMemberList	그룹 구성원 목록을 가져옵니다.
getGroupMemberProfile	그룹 구성원의 프로필을 가져옵니다.
addGroupMember	그룹 구성원을 추가합니다.
deleteGroupMember	그룹 구성원을 삭제합니다.
setGroupMemberMuteTime	음소거 기간을 구성합니다.
setGroupMemberRole	그룹 구성원의 역할을 수정합니다.
setGroupMemberNameCard	그룹 구성원의 이름 카드를 설정합니다.
setGroupMemberCustomField	그룹 구성원에 대한 사용자 정의 필드를 설정합니다.
markGroupMemberList	그룹 구성원을 표시합니다.

주제

API	설명
getJoinedCommunityList	현재 사용자가 가입한 커뮤니티 그룹 목록을 가져옵니다.
createTopicInCommunity	주제를 생성합니다.
deleteTopicFromCommunity	주제를 삭제합니다.
updateTopicProfile	주제 프로필을 업데이트합니다.
getTopicList	주제 목록을 가져옵니다.

Android

최종 업데이트 날짜: : 2024-04-23 17:10:36

Caution

Do not use APIs of new and old versions at the same time.

Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
initSDK	Initializes the SDK.
unInitSDK	Uninitializes the SDK.
addIMSDKListener	Adds the Chat listener.
removeIMSDKListener	Removes the Chat listener.
getVersion	Gets the version number.
getServerTime	Gets the server time.
login	Logs in.
logout	Logs out.
getLoginStatus	Gets the login status.
getLoginUser	Gets the UserID of the currently logged-in user.

Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
addSimpleMsgListener	Sets an event listener for simple messages (text messages and custom messages). Do not use it and addAdvancedMsgListener at the same time.
removeSimpleMsgListener	Removes the event listener for simple messages (text messages and custom messages).

sendC2CTextMessage	Sends a one-to-one (C2C) text message.
sendC2CCustomMessage	Sends a one-to-one (C2C) custom (signaling) message.
sendGroupTextMessage	Sends a group text message.
sendGroupCustomMessage	Sends a group custom (signaling) message.

Signaling APIs

API	Description
addSignalingListener	Adds a signaling listener.
removeSignalingListener	Removes a signaling listener.
invite	Invites a user.
inviteInGroup	Invites certain users in the group.
cancel	Cancel an invitation.
accept	Accepts an invitation.
reject	Rejects an invitation.
getSignalingInfo	Gets the signaling information.
addInvitedSignaling	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
modifyInvitation	Modifies the invitation signaling.

Advanced Message APIs

If you need to send/receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following set of advanced message APIs. Do not use simple message APIs and advanced message APIs at the same time.

API	Description
addAdvancedMsgListener	Sets an event listener for advanced messages. Do not use it and addSimpleMsgListener at the same time.

removeAdvancedMsgListener	Removes the event listener for advanced messages.
createTextMessage	Creates a text message.
createCustomMessage	Creates a custom message.
createImageMessage	Creates an image message.
createSoundMessage	Creates an audio message.
createVideoMessage	Creates a video message.
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message.
createFaceMessage	Creates an emoji message.
createMergerMessage	Creates a combined forward message.
createForwardMessage	Creates a single forward message.
createTargetedGroupMessage	Creates a targeted group message.
createAtSignedGroupMessage	Creates a group @ message.
sendMessage	Sends a message. The message object can be created using a <code>createXXXMessage</code> API.
setC2CReceiveMessageOpt	Sets the Mute Notifications option for one-to-one messages.
getC2CReceiveMessageOpt	Gets the Mute Notifications status for one-to-one messages.
setGroupReceiveMessageOpt	Sets the Mute Notifications option for group messages.
setAllReceiveMessageOpt	Sets the Mute Notifications status for global messages (daily repetition allowed).
setAllReceiveMessageOpt	Sets the Mute Notifications status for global messages.
getAllReceiveMessageOpt	Gets the Mute Notifications status for global messages.
getC2CHistoryMessageList	Gets one-to-one (C2C) message history.
getGroupHistoryMessageList	Gets the group message history.
getHistoryMessageList	Gets message history.
revokeMessage	Recalls a message. The message object can be created using a <code>createXXXMessage</code> API.

modifyMessage	Modifies a message.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read (a interface to be abandoned. Use the cleanConversationUnreadMessageCount interface).
markGroupMessageAsRead	Marks group messages as read (a interface to be abandoned. Use the cleanConversationUnreadMessageCount interface).
markAllMessageAsRead	Marks all conversations as read (a interface to be abandoned. Use the cleanConversationUnreadMessageCount interface).
deleteMessageFromLocalStorage	Deletes a message from the local storage.
deleteMessages	Deletes messages from local storage and the cloud.
clearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
clearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
insertGroupMessageToLocalStorage	Inserts a message in a group chat.
insertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
findMessages	Finds local messages by <code>msgID</code> .
searchLocalMessages	Searches for local messages.
searchCloudMessages	Searchs for cloud messages.
sendMessageReadReceipts	Sends message read receipts.
getMessageReadReceipts	Gets message read receipts.
getGroupMessageReadMemberList	Gets the list of group members who have read group messages.
setMessageExtensions	Sets message extensions.
getMessageExtensions	Gets message extensions.
deleteMessageExtensions	Deletes message extensions.
addMessageReaction	Adds message reaction.
removeMessageReaction	Removes message reaction.
getMessageReactions	Gets message reactions.
getAllUserListOfMessageReaction	Gets all user list of message reaction.

pinGroupMessage	Sets group message pinning.
getPinnedGroupMessageList	Gets pinned group message list.

Group APIs

Tencent Cloud Chat SDK supports five preset group types, each of which pertains to different scenarios.

Work group (Work): users can join the group only after being invited by group members. This group type is the same as private group (Private) in earlier versions.

Public group (Public): Users can join a public group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join. Same as chat room (ChatRoom) in earlier versions.

Community: A user can join and leave a community freely. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK enhanced edition v5.8.1668 or later and the web SDK v2.17.0 or later. To use it, you need to purchase the [Premium edition](#), and then enable it via [console](#) > **Feature Configuration** > **Group configuration** > **Group feature configuration** > **Community**.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
addGroupListener	Adds a group listener.
removeGroupListener	Removes a group listener.
createGroup	Creates a (simple) group
createGroup	Creates an (advanced) group. The group information and the initial group members can be set during group creation.
joinGroup	Joins a group.
quitGroup	Leaves a group.
dismissGroup	Disbands a group. Only the group owner and group admin can delete a group.
getJoinedGroupList	Gets the list of groups the current user has joined, excluding audio-video groups.

getGroupsInfo	Pulls the profiles of groups.
searchGroups	Searches for groups.
setGroupInfo	Modifies a group profile.
initGroupAttributes	Initializes group attributes.
setGroupAttributes	Sets group attributes.
deleteGroupAttributes	Deletes group attributes.
getGroupAttributes	Gets group attributes.
getGroupOnlineMemberCount	Gets the number of online group members.
setGroupCounters	Sets group counters.
getGroupCounters	Gets group counters.
increaseGroupCounter	Increment group counters.
decreaseGroupCounter	Decrement group counters.
getGroupMemberList	Gets the group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
searchGroupMembers	Searches for group members.
setGroupMemberInfo	Modifies the profile of a specified group member.
muteGroupMember	Mutes group members.
muteAllGroupMembers	Mute all group members. Only administrators or group owners can call this function.
kickGroupMember	Removes a member from a group.
setGroupMemberRole	Sets the role of a group member.
markGroupMemberList	Marks group members.
transferGroupOwner	Transfers the group ownership.
inviteUserToGroup	Invites users to a group.
getGroupApplicationList	Gets the list of requests to join a group.

acceptGroupApplication	Approves a request to join a group.
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the request list as read.
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Modifies topic information.
getTopicInfoList	Gets the list of topics.

Community Topic-Related APIs

If you need to create topics under a community, please use this set of interfaces. Communities are used to manage group members, and all topics under a community can not only share community members but also send and receive messages independently without interfering with each other.

API	Description
addCommunityListener	Adds a community listener.
removeCommunityListener	Removes a community listener.
createCommunity	Creates a community with topic support.
getJoinedCommunityList	Gets the list of communities with topic support that the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Modifies topic information.
getTopicInfoList	Gets a topic list.
createPermissionGroupInCommunity	Creates a community permission group.
deletePermissionGroupFromCommunity	Deletes a community permission group.
modifyPermissionGroupInfoInCommunity	Modifies a community permission group.

getJoinedPermissionGroupListInCommunity	Gets the list of community permission groups the current user has joined.
getPermissionGroupListInCommunity	Gets the list of community permission groups.
addCommunityMembersToPermissionGroup	Adds members to a community permission group.
removeCommunityMembersFromPermissionGroup	Removes members from a community permission group.
getCommunityMemberListInPermissionGroup	Gets the member list of a community permission group.
addTopicPermissionToPermissionGroup	Adds topic permissions to a permission group.
deleteTopicPermissionFromPermissionGroup	Removes topic permissions from a permission group.
modifyTopicPermissionInPermissionGroup	Modifies topic permissions in a permission group.
getTopicPermissionInPermissionGroup	Gets topic permissions in a permission group.

Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
addConversationListener	Adds a conversation listener.
removeConversationListener	Removes a conversation listener.
getConversationList	Gets the conversation list.
getConversationListByFilter	Gets the advanced conversation API to specify the conversation type, mark type, and group name.
getConversation	Gets a conversation.
getConversationList	Gets multiple conversations.
deleteConversation	Deletes a conversation.
deleteConversationList	Deletes a conversation list.
setConversationDraft	Sets a draft for a conversation.
setConversationCustomData	Sets custom conversation data.

pinConversation	Pins a conversation to the top.
markConversation	Marks a conversation.
getTotalUnreadMessageCount	Gets the total unread message count.
getUnreadMessageCountByFilter	Gets the total number of unread messages filtered by conversation.
subscribeUnreadMessageCountByFilter	Registers a listener for changes in the total number of unread messages in a specific conversation.
unsubscribeUnreadMessageCountByFilter	Unregisters a listener for changes in the total number of unread messages in a specific conversation.
cleanConversationUnreadMessageCount	Clears the unread message count for a conversation.
createConversationGroup	Creates a conversation group.
getConversationGroupList	Gets the list of conversation groups.
deleteConversationGroup	Deletes a conversation group.
renameConversationGroup	Renames a conversation group.
addConversationsToGroup	Adds a conversation to a conversation group.
deleteConversationsFromGroup	Deletes a conversation from a conversation group.

User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blacklist).

API	Description
getUsersInfo	Gets user profiles.
setSelfInfo	Modifies one's own user profile.
subscribeUserInfo	Subscribe to user profile.
unsubscribeUserInfo	Unsubscribe from user profile.
getUserStatus	Queries a user's status.
setSelfStatus	Sets one's own status.

subscribeUserStatus	Subscribes to a user's status.
unsubscribeUserStatus	Unsubscribes from a user's status.
addToBlackList	Blocks messages from a user, which means adding the user to the blocklist.
deleteFromBlackList	Unblocks messages from a user, which means removing the user from the blocklist.
getBlockList	Gets the blocklist.

Offline Push APIs

We recommend you use the offline push service if you want your app to receive Chat service messages in real time when it runs in the background. As there is no unified push service in the Chinese mainland, you need to [configure Android offline push](#) for devices of different vendors separately.

API	Description
setOfflinePushConfig	Configures offline push.
doBackground	The APP can call this interface when it detects that the application has entered the background, which can be used to initialize the unread count for the desktop application badge.
doForeground	The APP can call this interface when it detects that the application has entered the foreground.

Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
addFriendListener	Adds a relationship chain listener.
removeFriendListener	Removes a relationship chain listener.
getFriendList	Gets the contacts.

getFriendsInfo	Gets the profiles of specified friends.
setFriendInfo	Sets the profile of a specified friend.
searchFriends	Searches for friends.
addFriend	Adds a friend.
deleteFromFriendList	Deletes a friend.
checkFriend	Checks relationship with specified users.
getFriendApplicationList	Gets the list of friend requests.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Marks a friend request as read.
createFriendGroup	Creates a friend list.
getFriendGroups	Gets the information of friend lists.
deleteFriendGroup	Deletes friend lists.
renameFriendGroup	Modifies the name of a friend list.
addFriendsToFriendGroup	Adds friends to a friend list.
deleteFriendsFromFriendGroup	Removes friends from a friend list.
subscribeOfficialAccount	Subscribes to official accounts.
unsubscribeOfficialAccount	Unsubscribes from official accounts.
getOfficialAccountsInfo	Gets the list of official accounts.
followUser	Follows users.
unfollowUser	Unfollows users.
getMyFollowingList	Gets my follow list.
getMyFollowersList	Gets my fan list.
getMutualFollowersList	Gets my mutual follow list.

getUserFollowInfo	Gets the follow/fan/mutual follow count information for a specified user.
checkFollowType	Checks the follow type of a specified user.

iOS & macOS

최종 업데이트 날짜: : 2024-04-23 17:10:36

Caution

Do not use APIs of new and old versions at the same time.

Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
initSDK	Initializes the SDK.
unInitSDK	Uninitializes the SDK
addIMSDKListener	Adds the Chat listener.
removeIMSDKListener	Removes the Chat listener.
getVersion	Gets the version number.
getServerTime	Gets the server time.
login	Logs in.
logout	Logs a user out
getLoginUser	Gets the currently logged-in user.
getLoginStatus	Gets the login status

Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
addSimpleMsgListener	Sets an event listener for simple messages (text messages and custom messages).Do not use this API and addAdvancedMsgListener at the same time.
removeSimpleMsgListener	Removes the event listener for simple messages (text messages and custom messages)

sendC2CTextMessage	Sends a one-to-one chat (C2C) text message
sendC2CCustomMessage	Sends a one-to-one chat (C2C) custom (signaling) message
sendGroupTextMessage	Sends a group chat text message
sendGroupCustomMessage	Sends a group chat custom (signaling) message

Signaling APIs

API	Description
addSignalingListener	Adds a signaling listener.
removeSignalingListener	Removes a signaling listener.
invite	Invites a user.
inviteInGroup	Invites certain users in a group.
cancel	Cancel an invitation.
accept	Accepts an invitation.
reject	Rejects an invitation.
getSignalingInfo	Gets the signaling information.
addInvitedSignaling	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
modifyInvitation	Modifies the invitation signaling.

Advanced Message APIs

If you need to send/receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following set of advanced message APIs. Do not use simple message APIs and advanced message APIs at the same time.

API	Description
addAdvancedMsgListener	Sets an event listener for advanced messages. Do not use this API and addSimpleMsgListener at the same time.

removeAdvancedMsgListener	Removes the listener for advanced messages
createTextMessage	Creates a text message
createTextAtMessage	Creates an @ text message.
createCustomMessage	Creates a custom message
createImageMessage	Creates an image message
createSoundMessage	Creates a voice message.
createVideoMessage	Creates a video message
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message
createFaceMessage	Creates an emoji message
createMergerMessage	Creates a combined forward message.
createForwardMessage	Creates a single forward message.
createTargetedGroupMessage	Creates a targeted group message.
createAtSignedGroupMessage	Creates a group @ message.
sendMessage	Sends a message. The message object can be created using a <code>createXXXMessage</code> API.
setC2CReceiveMessageOpt	Sets the Mute Notifications option for one-to-one messages.
getC2CReceiveMessageOpt	Gets the Mute Notifications status for one-to-one messages.
setGroupReceiveMessageOpt	Sets the Mute Notifications option for group messages.
getC2CHistoryMessageList	Gets the one-to-one chat (C2C) message history
getGroupHistoryMessageList	Gets the group chat message history
getHistoryMessageList	Gets the message history.
revokeMessage	Recalls a message. The message object can be created using a <code>createXXXMessage</code> API.
modifyMessage	Modifies a message.
markC2CMessageAsRead	Marks one-to-one chat (C2C) messages as read

markGroupMessageAsRead	Marks group messages as read
markAllMessageAsRead	Marks all conversations as read.
deleteMessageFromLocalStorage	Deletes a message from the local storage
deleteMessages	Deletes messages from local storage and the cloud.
clearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
clearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
insertGroupMessageToLocalStorage	Inserts a message in a group chat.
insertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
findMessages	Finds local messages by <code>msgID</code> .
searchLocalMessages	Searches for local messages.
sendMessageReadReceipts	Sends message read receipts.
getMessageReadReceipts	Gets message read receipts.
getGroupMessageReadMemberList	Gets the list of group members who have read group messages.
setMessageExtensions	Sets message extensions.
getMessageExtensions	Gets message extensions.
deleteMessageExtensions	Deletes message extensions.
addMessageReaction	Adds message reaction.
removeMessageReaction	Removes message reaction.
getMessageReactions	Gets message reactions.
getAllUserListOfMessageReaction	Gets all user list of message reaction.
translateText	Translates a text message.
pinGroupMessage	Sets group message pinning.
getPinnedGroupMessageList	Gets pinned group message list.

Group APIs

Tencent Cloud Chat SDK supports five preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join the group only after being invited by group members. This group type is the same as private groups (Private) in earlier versions.

Public group (Public): Users can join the group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join. Same as chat room (ChatRoom) in earlier versions.

Community: A user can join and leave a community freely. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK enhanced edition v5.8.1668 or later and the web SDK v2.17.0 or later. To use it, you need to purchase the [Premium edition](#), and then enable it via [console](#) > **Feature Configuration** > **Group configuration** > **Group feature configuration** > **Community**.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
setGroupListener	Sets an event listener for groups. (This API is to be disused. Please use the <code>addGroupListener</code> and <code>removeGroupListener</code> APIs.)
addGroupListener	Adds an event listener for groups.
removeGroupListener	Removes an event listener for groups.
createGroup	(Simple API) Creates a group.
createGroup	(Advanced API) Creates a group. The group information and the initial group members can be set during group creation.
joinGroup	Joins a group
quitGroup	Leaves a group.
dismissGroup	Disbands a group. Only the group owner and group admin can disband a group.
getJoinedGroupList	Gets the list of groups the current user has joined, excluding audio-video groups.
getGroupsInfo	Pulls the profiles of groups
searchGroups	Searches for groups.

setGroupInfo	Modifies the profile of a group
initGroupAttributes	Initializes group attributes.
setGroupAttributes	Sets group attributes.
deleteGroupAttributes	Deletes group attributes.
getGroupAttributes	Gets group attributes.
getGroupOnlineMemberCount	Gets the number of online group members.
getGroupMemberList	Gets the group member list
getGroupMembersInfo	Gets the profiles of specified group members
searchGroupMembers	Searches for group members by profile.
setGroupMemberInfo	Modifies the profile of a specified group member
muteGroupMember	Mutes a group member.
inviteUserToGroup	Invites users to a group
kickGroupMember	Removes a member from a group.
setGroupMemberRole	Sets a role for a group member.
markGroupMemberList	Marks group members.
transferGroupOwner	Transfers the ownership of a group
getGroupApplicationList	Gets the list of applications to join a group
acceptGroupApplication	Accepts an application to join a group
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the application list as read
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Modifies topic information.
getTopicInfoList	Gets the message list.

Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
setConversationListener	Sets a conversation listener. (This API is to be disused. Please use the <code>addConversationListener</code> and <code>removeConversationListener</code> APIs.)
addConversationListener	Adds a conversation listener.
removeConversationListener	Removes a conversation listener.
getConversationList	Gets the conversation list
getConversation	Gets a specified conversation.
getConversationList	Gets multiple conversations.
getConversationListByFilter	Gets the advanced conversation API to specify the conversation type, mark type, and group name.
deleteConversation	Deletes a conversation
setConversationDraft	Sets a draft for a conversation
setConversationCustomData	Sets custom conversation data.
pinConversation	Pins a conversation to the top.
markConversation	Marks a conversation.
getTotalUnreadMessageCount	Gets the total unread message count.
createConversationGroup	Creates a conversation group.
getConversationGroupList	Gets the list of conversation groups.
deleteConversationGroup	Deletes a conversation group.
renameConversationGroup	Renames a conversation group.
addConversationsToGroup	Adds a conversation to a conversation group.
deleteConversationsFromGroup	Deletes a conversation from a conversation group.

User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blacklist).

API	Description
getUsersInfo	Gets users' profiles
setSelfInfo	Modifies one's own user profile
getUserStatus	Queries a user's status.
setSelfStatus	Sets one's own status.
subscribeUserStatus	Subscribes to a user's status.
unsubscribeUserStatus	Unsubscribes from a user's status.
addToBlackList	Blocks messages from a specified user, which means adding the user to the blacklist.
deleteFromBlackList	Unblocks messages from a specified user, which means removing the user from the blacklist.
getBlockList	Gets the blacklist

Offline Push APIs

Use the offline push service if you want your app to receive Chat service messages in real time when it is in the background.

API	Description
setAPNSListener	Sets an APNs listener.
setAPNS	Configures APNs Push info.
setVOIP	Configures VoIP Push info.

Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
setFriendListener	Sets a relationship chain and friend profile listener. (This API is to be disused. Please use the <code>addFriendListener</code> and <code>removeFriendListener</code> APIs.)
addFriendListener	Adds a relationship chain listener.
removeFriendListener	Removes a relationship chain listener.
getFriendList	Gets the contacts.
getFriendsInfo	Gets the profiles of specified friends
setFriendInfo	Sets the profile of a specified friend
searchFriends	Searches for friends.
addFriend	Adds a friend
deleteFromFriendList	Deletes a friend
checkFriend	Checks relationship with specified users.
getFriendApplicationList	Gets the list of friend requests
acceptFriendApplication	Accepts a friend request
refuseFriendApplication	Rejects a friend request
deleteFriendApplication	Deletes a friend request
setFriendApplicationRead	Marks a friend request as read.
createFriendGroup	Creates a friend list
getFriendGroups	Gets the information of friend lists
deleteFriendGroup	Deletes friend lists
renameFriendGroup	Modifies the name of a friend list
addFriendsToFriendGroup	Adds friends to a friend list

`deleteFriendsFromFriendGroup`

Removes friends from a friend list.

Swift

최종 업데이트 날짜: : 2024-04-23 17:10:36

Caution

Do not use APIs of new and old versions at the same time.

Initialization and Login APIs

To use Tencent Cloud IM services, you need to initialize the SDK and log in.

API	Description
initSDK	Initializes the SDK.
unInitSDK	Uninitializes the SDK.
addIMSDKListener	Add IM listener
removeIMSDKListener	Remove IM listener
getVersion	Gets the version number.
getServerTime	Gets the server time.
login	Logs in.
logout	Logs out.
getLoginUser	Gets the currently logged-in user.
getLoginStatus	Gets the login status.
getUserStatus	Gets user status information.
setSelfStatus	Sets user status for yourself.
subscribeUserStatus	Subscribes user status.
unsubscribeUserStatus	Unsubscribes user status.

Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
addSimpleMsgListener	Sets an event listener for simple messages (text messages and custom messages). Do not use it and addAdvancedMsgListener at the same time.
removeSimpleMsgListener	Removes the event listener for simple messages (text messages and custom messages).
sendC2CTextMessage	Sends a one-to-one (C2C) text message.
sendC2CCustomMessage	Sends a one-to-one (C2C) custom (signaling) message.
sendGroupTextMessage	Sends a group text message.
sendGroupCustomMessage	Sends a group custom (signaling) message.

Signaling APIs

API	Description
addSignalingListener	Adds a signaling listener.
removeSignalingListener	Removes a signaling listener.
invite	Invites a user.
inviteInGroup	Invites certain users in the group.
cancel	Cancel an invitation.
accept	Accepts an invitation.
reject	Rejects an invitation.
getSignalingInfo	Gets the signaling information.
addInvitedSignaling	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
modifyInvitation	modify invitation.

Advanced Message APIs

If you need to send/receive rich media messages (images, videos, files, etc.) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following advanced message APIs. Do not use simple messages APIs and advanced message APIs at the same time.

API	Description
addAdvancedMsgListener	Sets an event listener for advanced messages. Do not use it and addSimpleMsgListener at the same time.
removeAdvancedMsgListener	Removes the listener for advanced messages.
createTextMessage	Creates a text message.
createTextAtMessage	Creates an @ text message.
createCustomMessage	Creates a custom message.
createImageMessage	Creates an image message.
createSoundMessage	Creates a voice message.
createVideoMessage	Creates a video message.
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message.
createFaceMessage	Creates an emoji message.
createMergerMessage	Creates a combined forward message.
createForwardMessage	Creates a single forward message.
createTargetedGroupMessage	Creates a targeted group message
sendMessage	Sends a message. The message object can be created using a createXXXMessage API.
setC2CReceiveMessageOpt	Sets the Mute Notifications option for one-to-one messages.
getC2CReceiveMessageOpt	Gets the Mute Notifications status for one-to-one messages.
setGroupReceiveMessageOpt	Sets the Mute Notifications option for group messages.
getC2CHistoryMessageList	Gets one-to-one (C2C) message history.
getGroupHistoryMessageList	Gets group chat message history.
getHistoryMessageList	Gets message history.

revokeMessage	Recalls a message. The message object can be created using a <code>createXXXMessage</code> API.
modifyMessage	Modifies a message. The message object can be created using a <code>createXXXMessage</code> API.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read.
markGroupMessageAsRead	Marks group messages as read.
markAllMessageAsRead	Marks all messages as read.
deleteMessageFromLocalStorage	Deletes a message from local storage.
deleteMessages	Deletes messages from local storage and the cloud.
clearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
clearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
insertGroupMessageToLocalStorage	Inserts a message in a group chat.
insertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
findMessages	Finds local messages by <code>msgID</code> .
searchLocalMessages	Searches for local messages.
sendMessageReadReceipts	Sends read receipts to the message sender for message which have been received.
getMessageReadReceipts	Gets read receipts for messages which have been sent by myself.
getGroupMessageReadMemberList	Gets group members profile who have read this message.
setMessageExtensions	Sets message extensions
getMessageExtensions	Gets message extensions
deleteMessageExtensions	Deletes message extensions
addMessageReaction	Adds message reaction.
removeMessageReaction	Removes message reaction.
getMessageReactions	Gets message reactions.
getAllUserListOfMessageReaction	Gets all user list of message reaction.
pinGroupMessage	Sets group message pinning.

getPinnedGroupMessageList	Gets pinned group message list.
---	---------------------------------

Group APIs

Tencent Cloud IM SDK supports four preset group types, each of which pertains to different scenarios.

Work group (Work): similar to a WeChat group. Users can join the group only after being invited by existing members.

Public group (Public): similar to a QQ group. Users can join the group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join.

Audio-video group (AVChatRoom): suitable for scenarios such as live streaming and chat rooms with on-screen comments. Users can join and leave the group freely. There is no limit on the number of group members.

API	Description
addGroupListener	Adds an event listener for groups.
removeGroupListener	Removes event listener for groups.
createGroup	Creates a (simple) group.
createGroup	Creates an (advanced) group. The group information and the initial group members can be set during group creation.
joinGroup	Joins a group.
quitGroup	Quits a group.
dismissGroup	Deletes a group. Only the group owner and group admin can delete a group.
getJoinedGroupList	Gets the list of groups the current user has joined, excluding audio-video groups.
getGroupsInfo	Pulls profiles of groups.
searchGroups	Searches for groups.
setGroupInfo	Modifies the profile of a group.
initGroupAttributes	Initializes group attributes.
setGroupAttributes	Sets group attributes.
deleteGroupAttributes	Deletes group attributes.

getGroupAttributes	Gets group attributes.
getGroupOnlineMemberCount	Gets the number of online group members.
getGroupMemberList	Gets group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
searchGroupMembers	Searches for group members.
setGroupMemberInfo	Modifies the profile of a specified group member.
muteGroupMember	Mutes a group member.
inviteUserToGroup	Invites users to a group.
kickGroupMember	Removes a member from a group.
setGroupMemberRole	Sets the role for a group member.
markGroupMemberList	Mark group member list .
transferGroupOwner	Changes the group owner.
getGroupApplicationList	Gets the list of requests to join a group.
acceptGroupApplication	Accepts a request to join a group.
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the request list as read.
getJoinedCommunityList	Gets the list of Community-groups that the current user has joined
createTopicInCommunity	Creates topic
deleteTopicFromCommunity	Deletes topic
setTopicInfo	Modifies topic information
getTopicInfoList	Gets topic list

Conversation List APIs

The conversation list is the list a user sees on the first screen after logging in to WeChat or QQ. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

--	--

API	Description
addConversationListener	Adds a conversation listener.
removeConversationListener	Removes conversation listener.
getConversationList	Gets the conversation list.
getConversation	Gets a conversation.
getConversationList	Gets multiple conversations.
getConversationListByFilter	Gets multiple conversations (advanced API).
deleteConversation	Deletes a conversation.
setConversationDraft	Sets draft for a conversation.
setConversationCustomData	Sets custom data for a conversation.
pinConversation	Pins a conversation to the top.
markConversation	Marks a conversation to the top.
getTotalUnreadMessageCount	Gets the total unread message count.
createConversationGroup	Create conversation group.
getConversationGroupList	Get conversation group list.
deleteConversationGroup	Delete conversation group.
renameConversationGroup	Rename conversation group.
addConversationsToGroup	Add conversations to group.
deleteConversationsFromGroup	Delete conversations from group.

User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (i.e., adding a specified user to the blacklist).

API	Description
getUsersInfo	Gets users' profiles.

setSelfInfo	Modifies one's own user profile.
addToBlackList	Blocks messages from a specified user, which means adding the user to the blacklist.
deleteFromBlackList	Unblocks messages from a specified user, which means removing the user from the blacklist.
getBlackList	Gets the blacklist.

Offline Push APIs

Use the offline push service if you want your app to receive IM messages in real time when it runs in the background. As there is currently no unified push service in the Chinese mainland, you need to [Offline Push\(iOS\)](#).

API	Description
setAPNSListener	Sets an APNs listener.
setAPNS	Configures APNS push.
setVOIP	Configures VOIP push.

Friend Management APIs

By default, Tencent Cloud IM does not check your relationship with a user when receiving and sending messages. You can enable "Check Relationship for One-to-One Messages" on **Feature Configuration > Login and Message > Relationship Check** in the [IM console](#) and use the following APIs to delete/add friends and manage your friend list.

API	Description
addFriendListener	Adds a relationship chain listener to receive friend list and blacklist change events.
removeFriendListener	Removes relationship chain listener.
getFriendList	Gets the friend list.
getFriendsInfo	Gets the profiles of specified friends.
setFriendInfo	Sets the profile of a specified friend.
searchFriends	Searches for friends.
addFriend	Adds a friend.

deleteFromFriendList	Deletes a friend.
checkFriend	Checks relationship with specified users.
getFriendApplicationList	Gets the list of friend requests.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Marks a friend request as read.
createFriendGroup	Creates a friend list.
getFriendGroupList	Gets the information of friend lists.
deleteFriendGroup	Deletes friend lists.
renameFriendGroup	Modifies the name of a friend list.
addFriendsToFriendGroup	Adds friends to a friend list.
deleteFriendsFromFriendGroup	Deletes friends from a friend list.

Flutter

최종 업데이트 날짜: : 2024-02-07 17:02:49

Note :

Chat provides Flutter SDK API call examples. You can visit [GitHub](#) to obtain the source code.

Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
initSDK	Initializes the SDK.
unInitSDK	Uninitializes the SDK.
login	Logs in.
logout	Logs out.
getLoginUser	Gets the UserID of the current login user.
getLoginStatus	Gets the login status.
getServerTime	Gets the current server time (not supported on web).
getVersion	Gets the version number.
getConversationManager	Conversation feature entry.
getFriendshipManager	Relationship chain feature entry.
getGroupManager	Advanced group feature entry.
getMessageManager	Advanced message feature entry.
getOfflinePushManager	Gets the version number.
getSignalingManager	Signaling entry.

Signaling APIs

API	Description
addSignalingListener	Adds a signaling listener.
removeSignalingListener	Removes a signaling listener.
invite	Invites a user.
inviteInGroup	Invites certain users in the group.
cancel	The inviter cancels the invitation.
accept	The invitee accepts the invitation.
reject	The invitee rejects the invitation.
getSignalingInfo	Gets signaling information.
addInvitedSignaling	Creates a signaling request.

Message Creation APIs

After a message is created, an `id` field will be returned. You can pass in the `id` field and related information to the message sending API (`sendMessage`) to send the message.

API	Description
createTextMessage	Creates a text message.
createCustomMessage	Creates a custom message.
createImageMessage	Creates an image message.
createSoundMessage	Creates an audio message.
createVideoMessage	Creates a video message.
createTextAtMessage	Creates an @ text message.
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message.
createFaceMessage	Creates an emoji message.
createMergerMessage	Creates a combined message.

createForwardMessage	Creates a forward message.
createTargetedGroupMessage	Creates a targeted group message.
appendMessage	Adds a multi-element message.

Message Sending and Receiving APIs

If you need to send or receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, we recommend the following advanced message APIs. (The original APIs for simple message sending and receiving used by v3.6.0 and earlier versions have been disused. Please use new APIs to create and send messages.)

API	Description
addAdvancedMsgListener	Sets an event listener for advanced messages.
removeAdvancedMsgListener	Removes the event listener for advanced messages.
getC2CHistoryMessageList	Gets historical one-to-one (C2C) messages.
getHistoryMessageList	Gets historical messages (advanced API).
getGroupHistoryMessageList	Gets historical group messages.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read.
markGroupMessageAsRead	Marks group messages as read.
markAllMessageAsRead	Marks all messages as read.
deleteMessageFromLocalStorage	Deletes a message from the local storage.
deleteMessages	Deletes local and roaming messages.
insertGroupMessageToLocalStorage	Adds a message to the message list of a group chat.
insertC2CMessageToLocalStorage	Adds a message to the message list of a one-to-one chat.
clearC2CHistoryMessage	Clears the chat history with a user from local storage and the cloud (without deleting the conversation).
clearGroupHistoryMessage	Clears the chat history of a group from local storage and the cloud (without deleting the conversation).
downloadMergerMessage	Gets the sub messages of a combined message.

reSendMessage	Resends a message.
setC2CReceiveMessageOpt	Sets the one-to-one message receiving option for a user (batch setting supported).
getC2CReceiveMessageOpt	Queries the one-to-one message receiving option of a user.
setGroupReceiveMessageOpt	Modifies the group message receiving option.
setLocalCustomData	Sets custom message data (saved locally, will not be sent to the peer end, and will become invalid after the app is uninstalled and reinstalled).
setLocalCustomInt	Sets custom message data and marks whether a voice or video message is played (such a message will be saved locally, not be sent to the peer end, and become invalid after the app is uninstalled and reinstalled).
revokeMessage	Recalls a message. By default, you can recall only messages that are sent within two minutes. You can customize the time limit for message recall via the console (Feature Configuration > Login and Message > Message Recall Settings).
modifyMessage	Modifies a message.
sendMessage	Sends a message.
sendReplyMessage	Sends a reply message.
searchLocalMessages	Searches for local messages.
sendMessageReadReceipts	Sends group message read receipts.
getMessageReadReceipts	Gets read receipts for messages sent by yourself.
getGroupMessageReadMemberList	Gets the list of members who have (or have not) read a message sent by yourself.

Group APIs

Tencent Cloud Chat SDK supports five preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join a work group only after being invited by members of the group. This group type is the same as private group (Private) in earlier versions.

Public group (Public): Users can join the group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join. Same as chat room (ChatRoom) in earlier versions.

Community (Community): A community allows users to join and leave freely and is ideal for ultra-large community group chat scenarios, such as knowledge sharing and game communication.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
addGroupListener	Adds an event listener for groups.
setGroupListener	Sets an event listener for groups.
removeGroupListener	Removes an event listener for groups.
createGroup	Creates a group (advanced). The group information and the initial group members can be set during group creation.
joinGroup	Joins a group.
quitGroup	Leaves a group.
dismissGroup	Deletes a group. Only the group owner and group admin can delete the group.
getJoinedGroupList	Gets the list of groups the current user has joined, excluding audio-video groups.
getGroupsInfo	Gets the profiles of groups.
setGroupInfo	Modifies the profile of a group.
initGroupAttributes	Initializes group attributes. This will clear the existing group attribute list.
setGroupAttributes	Sets group attributes. If the group attributes already exist, their values are updated. Otherwise, the group attributes are added.
deleteGroupAttributes	Deletes specified group attributes. Passing in <code>null</code> for <code>keys</code> means clearing all group attributes.
getGroupAttributes	Gets specified group attributes. Passing in <code>null</code> for <code>keys</code> means getting all group attributes.
searchGroups	Searches for groups.
getGroupOnlineMemberCount	Gets the number of online users in a group. (This API is currently supported

	only by audio-video groups.)
getGroupMemberList	Gets the group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
setGroupMemberInfo	Modifies the profile of a specified group member.
searchGroupMembers	Searches for group members.
muteGroupMember	Mutes a group member.
kickGroupMember	Removes members from a group.
setGroupMemberRole	Sets a role for a group member.
transferGroupOwner	Transfers the ownership of a group.
inviteUserToGroup	Invites users to a group.
getGroupApplicationList	Gets the list of requests to join a group.
acceptGroupApplication	Accepts a request to join a group.
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the request list as read.
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Sets topic attributes.
getTopicInfoList	Gets the topics of a group.

Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
addConversationListener	Adds a relationship chain listener.

removeConversationListener	Removes a relationship chain listener.
setConversationListener	Sets a conversation listener.
getConversationList	Gets the conversation list.
getConversationListByConversaionIds	Gets the list of specified conversations by conversation IDs.
pinConversation	Pins a conversation to the top.
getTotalUnreadMessageCount	Gets the total unread message count of a conversation.
getConversation	Gets a specified conversation.
deleteConversation	Deletes a conversation.
setConversationDraft	Sets a draft for a conversation.

User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blacklist).

API	Description
getUsersInfo	Gets user profiles.
getUserStatus	Gets users' online statuses.
setSelfInfo	Modifies one's own user profile.
setSelfStatus	Sets the status of the current logged-in user.
addToBlackList	Blocks messages from a user, which means adding the user to the blacklist.
deleteFromBlackList	Unblocks messages from a user, which means removing the user from the blacklist.
getBlackList	Gets the blacklist.

Offline Push APIs

We recommend you use the offline push service if you want your app to receive Chat service messages in real time when it runs in the background. As there is no unified push service in the Chinese mainland, you need to [configure Android offline push](#) for devices of different vendors separately.

API	Description
setAPNSListener	Sets the APNs offline push listener.
doBackground	Configures offline push.
doForeground	Configures offline push.
setOfflinePushConfig	Configures offline push.

Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
setFriendListener	Sets a relationship chain listener to receive friend and blocklist change events.
addFriendListener	Adds a relationship chain listener.
removeFriendListener	Removes a relationship chain listener.
getFriendList	Gets the contacts.
getFriendsInfo	Gets the profiles of specified friends.
setFriendInfo	Sets the profile of a specified friend.
addFriend	Adds a friend.
deleteFromFriendList	Deletes friends.
checkFriend	Checks your relationship with a specified user.
getFriendApplicationList	Gets the list of friend requests.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Marks a friend request as read.

createFriendGroup	Creates a friend list.
getFriendGroups	Gets the information of friend lists.
deleteFriendGroup	Deletes a friend list.
renameFriendGroup	Modifies the name of a friend list.
addFriendsToFriendGroup	Adds friends to a friend list.
deleteFriendsFromFriendGroup	Deletes friends from a friend list.
searchFriends	Searches for friends.

Electron

최종 업데이트 날짜: : 2024-05-20 15:43:47

Event Callback APIs

API	Description
TIMAddRecvNewMsgCallback	Adds the callback for receiving new messages.
TIMRemoveRecvNewMsgCallback	Deletes the callback for receiving new messages.
TIMSetMsgReadedReceiptCallback	Sets the callback for message read receipts.
TIMSetMsgRevokeCallback	Sets the callback for message recalls.
TIMSetMsgElemUploadProgressCallback	Sets the callback for the upload progress of message element files.
TIMSetGroupTipsEventCallback	Sets the callback for group system messages.
TIMSetConvEventCallback	Sets the callback for conversation events.
TIMSetNetworkStatusListenerCallback	Sets the callback for network connection status.
TIMSetKickedOfflineCallback	Sets the callback for notifications of forced logout.
TIMSetUserSigExpiredCallback	Sets the callback for user ticket expiration.
TIMSetOnAddFriendCallback	Sets the callback for adding friends.
TIMSetOnDeleteFriendCallback	Sets the callback for deleting friends.
TIMSetUpdateFriendProfileCallback	Sets the callback for updating friends' profiles.
TIMSetFriendAddRequestCallback	Sets the callback for friend requests.
TIMSetLogCallback	Sets the callback for logs.
TIMSetMsgUpdateCallback	Sets the callback for message update notifications returned after messages are modified in the cloud.

Chat SDK Initialization APIs

API	Description
TIMInit	Initializes the Chat SDK.
TIMUninit	Uninstalls the Chat SDK.
TIMGetSDKVersion	Gets Chat SDK version number.
TIMSetConfig	Sets extra user configurations.

Login and Logout APIs

API	Description
TIMLogin	Logs in.
TIMLogout	Logs out.

Conversation APIs

API	Description
TIMConvCreate	Creates a conversation.
TIMConvDelete	Deletes a conversation.
TIMConvGetConvList	Gets the conversation list of recent contacts.
TIMConvSetDraft	Sets the draft of a conversation.
TIMConvCancelDraft	Deletes the draft of a conversation.
TIMConvGetConvInfo	Gets a conversation list.
TIMConvGetTotalUnreadMessageCount	Gets the total unread message count of all conversations.
TIMConvPinConversation	Pins a conversation to the top.

Message APIs

API	Description
-----	-------------

TIMMsgBatchSend	Sends a message to multiple users at a time, but not to groups.
TIMMsgCancelSend	Cancels a message being sent based on <code>messageID</code> .
TIMMsgClearHistoryMessage	Clears the messages of a conversation.
TIMMsgDelete	Deletes the messages of a conversation.
TIMMsgDeleteMessageExtensions	Deletes message extensions.
TIMMsgDownloadElemToPath	Downloads message elements to a path.
TIMMsgDownloadMergerMessage	Downloads a combined message.
TIMMsgFindByMsgLocatorList	Locates a message of a conversation by using the message locator.
TIMMsgFindMessages	Queries local messages by <code>messageID</code> .
TIMMsgGetC2CReceiveMessageOpt	Queries the one-to-one message receiving option of a user.
TIMMsgGetMessageExtensions	Gets message extensions.
TIMMsgGetMsgList	Gets the message list of a specified conversation.
TIMMsgImportMsgList	Imports a message list to a conversation.
TIMMsgListDelete	Deletes the local and roaming messages of a conversation.
TIMMsgModifyMessage	Modifies a message.
TIMMsgReportReaded	Marks a message as read.
TIMMsgRevoke	Recalls a message.
TIMMsgSaveMsg	Saves a custom message.
TIMMsgSearchLocalMessages	Searches for local messages.
TIMMsgSendNewMsg	Sends a new message.
TIMMsgSendMessageV2	Sends a new message. (V2)
TIMMsgSetC2CReceiveMessageOpt	Sets the one-to-one message receiving option of a user.
TIMMsgSetGroupReceiveMessageOpt	Sets the group message receiving option.
TIMMsgSetMessageExtensions	Sets message extensions.
TIMMsgTranslateText	Translates text message.

TIMMsgConvertVoiceToText

Converts voice message to text message.

Group APIs

API	Description
TIMGroupCreate	Creates a group.
TIMGroupDelete	Disbands a group.
TIMGroupDeleteGroupAttributes	Deletes group attributes.
TIMGroupDeleteMember	Deletes a group member.
TIMGroupGetGroupAttributes	Gets specified group attributes.
TIMGroupGetGroupInfoList	Gets group information.
TIMGroupGetJoinedGroupList	Gets the list of groups that a user has joined.
TIMGroupGetMemberInfoList	Gets group member information.
TIMGroupGetOnlineMemberCount	Gets the number of online members of a group.
TIMGroupGetPendencyList	Gets the list of pending group requests.
TIMGroupHandlePendency	Handles pending group requests.
TIMGroupInitGroupAttributes	Initializes group attributes.
TIMGroupInviteMember	Invites someone to join a group.
TIMGroupJoin	Requests to join a group.
TIMGroupModifyGroupInfo	Modifies group information.
TIMGroupModifyMemberInfo	Modifies group member information.
TIMGroupQuit	Leaves a group.
TIMGroupReportPendencyReaded	Reports that a pending group request is read.
TIMGroupSearchGroupMembers	Searches for group members.
TIMGroupSearchGroups	Searches for groups.
TIMGroupSetGroupAttributes	Sets group attributes.

TIMMsgGetGroupMessageReadMemberList	Gets the list of members who have or have not read the group message.
TIMMsgGetMessageReadReceipts	Gets message read receipts.
TIMMsgSendMessageReadReceipts	Sends message read receipts.

User Profile APIs

API	Description
TIMProfileGetUserProfileList	Gets the profiles of specified users.
TIMProfileModifySelfUserProfile	Modifies one's own profile.

Relationship Chain APIs

API	Description
TIMFriendshipAddFriend	Adds friends.
TIMFriendshipAddToBlackList	Adds a user to the blacklist.
TIMFriendshipCheckFriendType	Checks the friend type (one-way or two-way).
TIMFriendshipCreateFriendGroup	Creates a friend list.
TIMFriendshipDeleteFriend	Deletes friends.
TIMFriendshipDeleteFriendGroup	Deletes a friend list.
TIMFriendshipDeleteFromBlackList	Removes a user from the blacklist.
TIMFriendshipDeletePendency	Deletes a pending friend request.
TIMFriendshipGetBlackList	Gets the blacklist.
TIMFriendshipGetFriendGroupList	Gets the information of a friend list.
TIMFriendshipGetFriendProfileList	Gets friend lists.
TIMFriendshipGetFriendsInfo	Gets friend information.
TIMFriendshipGetPendencyList	Gets the pending friend request list.

TIMFriendshipHandleFriendAddRequest	Handles a friend request.
TIMFriendshipModifyFriendGroup	Modifies a friend list.
TIMFriendshipModifyFriendProfile	Updates friends' profiles (such as remarks).
TIMFriendshipReportPendencyReaded	Reports that a pending friend request is read.
TIMFriendshipSearchFriends	Searches for friends.

Unity

최종 업데이트 날짜: : 2024-02-07 17:02:49

Note

For API details, see [here](#).

Conversation APIs

API	Description
ConvCancelDraft	Cancels a draft of a conversation.
ConvDelete	Deletes a conversation.
ConvGetConvInfo	Gets the information of conversations.
ConvGetConvList	Gets the conversation list.
ConvGetTotalUnreadMessageCount	Gets the total unread count of all conversations.
ConvPinConversation	Pins a conversation to the top.
ConvSetDraft	Sets a draft for a conversation.

Relationship Chain APIs

API	Description
FriendshipAddFriend	Adds a friend.
FriendshipAddToBlackList	Adds a user to the blacklist.
FriendshipCheckFriendType	Checks the friend type.
FriendshipCreateFriendGroup	Creates a friend list.
FriendshipDeleteFriend	Deletes a friend.
FriendshipDeleteFriendGroup	Deletes a friend list.
FriendshipDeleteFromBlackList	Removes a user from the blacklist.

FriendshipDeletePendency	Deletes a pending friend request.
FriendshipGetBlackList	Gets the blacklist.
FriendshipGetFriendGroupList	Gets the information of a friend list.
FriendshipGetFriendProfileList	Gets the profiles of all friends.
FriendshipGetFriendsInfo	Gets the information of friends.
FriendshipGetPendencyList	Gets the list of pending group requests.
FriendshipHandleFriendAddRequest	Handles a friend request.
FriendshipModifyFriendGroup	Modifies a friend list.
FriendshipModifyFriendProfile	Modifies the profile of a friend.
FriendshipReportPendencyReaded	Reports that a pending friend request is read.
FriendshipSearchFriends	Searches for friends.

Group APIs

API	Description
GroupCreate	Creates a group.
GroupCreateTopicInCommunity	Creates a topic.
GroupDelete	Disbands a group.
GroupDeleteGroupAttributes	Deletes custom group attributes.
GroupDeleteMember	Deletes a group member.
GroupDeleteTopicFromCommunity	Deletes a topic.
GroupGetGroupAttributes	Gets group attributes.
GroupGetGroupInfoList	Gets group information.
GroupGetJoinedCommunityList	Gets the list of community groups the current user has joined.
GroupGetJoinedGroupList	Gets the list of groups that a user has joined.
GroupGetMemberInfoList	Gets group member information.

GroupGetOnlineMemberCount	Gets the number of online group members.
GroupGetPendencyList	Gets the list of pending group requests.
GroupGetTopicInfoList	Gets the list of topics.
GroupHandlePendency	Handles pending group requests.
GroupInitGroupAttributes	Initializes custom group attributes.
GroupInviteMember	Invites a user to join a group.
GroupJoin	Joins a group.
GroupModifyGroupInfo	Modifies group information.
GroupModifyMemberInfo	Modifies group member information.
GroupQuit	Leaves a group.
GroupReportPendencyReaded	Reports that a pending group request is read.
GroupSearchGroupMembers	Searches for group members.
GroupSearchGroups	Searches for group profiles.
GroupSetGroupAttributes	Sets group attributes.
GroupSetTopicInfo	Modifies topic information.

Chat SDK Initialization APIs

API	Description
GetSDKVersion	Gets the version of the underlying library of the Chat SDK.
GetServerTime	Gets the server time (seconds).
Init	Initializes the Chat SDK.
SetConfig	Sets global configuration.
Uninit	Uninitializes the Chat SDK.

Login APIs

API	Description
GetLoginStatus	Gets the current login status.
GetLoginUserID	Gets the ID of the current login user.
Login	Logs in.
Logout	Logs out.

Message APIs

API	Description
GetMsgGroupMessageReadMemberList	Gets the list of members who have read the group message.
MsgBatchSend	Sends a message to multiple users at a time.
MsgCancelSend	Cancel the sending of a message.
MsgClearHistoryMessage	Clears historical messages.
MsgDelete	Deletes the messages of a conversation.
MsgDoBackground	This API can be called when the app detects that the app switches to the background.
MsgDoForeground	This API can be called when the app detects that the app switches to the foreground.
MsgDownloadElemToPath	Downloads a multimedia message.
MsgDownloadMergerMessage	Downloads a combined message.
MsgFindByMsgLocatorList	Locates a message by using a message locator.
MsgFindMessages	Locates local messages.
MsgGetC2CReceiveMessageOpt	Gets the message receiving option for a one-to-one chat.
MsgGetMessageReadReceipts	Gets message read receipts.
MsgGetMsgList	Gets the historical message list of a conversation.

MsgImportMsgList	Imports messages.
MsgListDelete	Deletes messages.
MsgMarkAllMessageAsRead	Marks all messages as read.
MsgModifyMessage	Modifies a message.
MsgReportReaded	Reports that a one-to-one message is read.
MsgRevoke	Recalls a message.
MsgSaveMsg	Saves a message.
MsgSearchLocalMessages	Searches for local messages.
MsgSendMessage	Sends a message.
MsgSendMessageReadReceipts	Sends message read receipts.
MsgSetC2CReceiveMessageOpt	Sets the one-to-one message receiving option.
MsgSetGroupReceiveMessageOpt	Sets the group message receiving option.
MsgSetLocalCustomData	Sets local message data.
MsgSetOfflinePushToken	Sets offline push configuration.

User Profile APIs

API	Description
GetUserStatus	Queries a user's status.
ProfileGetUserProfileList	Gets the profiles of specified users.
ProfileModifySelfUserProfile	Modifies one's own profile.
SetSelfStatus	Sets one's own status.
SubscribeUserStatus	Subscribes to a user's status.
UnsubscribeUserStatus	Unsubscribes from a user's status.

SDK Callback Registration APIs

API	Description
AddRecvNewMsgCallback	Adds the callback for receiving new messages.
RemoveRecvNewMsgCallback	Removes the callback for receiving new messages.
SetConvEventCallback	Sets the callback for conversation events.
SetConvTotalUnreadMessageCountChangedCallback	Sets the callback for a change in the total unread message count of conversations.
SetFriendAddRequestCallback	Sets the callback for friend requests.
SetFriendApplicationListDeletedCallback	Sets the callback for deleting a friend request.
SetFriendApplicationListReadCallback	Sets the callback for reading a friend request.
SetFriendBlackListAddedCallback	Sets the callback for adding a friend to the blocklist.
SetFriendBlackListDeletedCallback	Sets the callback for removing a friend from the blocklist.
SetGroupAttributeChangedCallback	Sets the callback for a group attribute change.
SetGroupTipsEventCallback	Sets the callback for group system messages.
SetGroupTopicChangedCallback	Sets the callback for topic updates.
SetGroupTopicCreatedCallback	Sets the callback for topic creation.
SetGroupTopicDeletedCallback	Sets the callback for topic deletion.
SetKickedOfflineCallback	Sets the callback for notifications of forced logout.
SetLogCallback	Sets the callback for logs.
SetMsgElemUploadProgressCallback	Sets the callback for the upload progress of message element files.
SetMsgReadedReceiptCallback	Sets the callback for message read receipts.
SetMsgRevokeCallback	Sets the callback for message recalls.
SetMsgUpdateCallback	Sets the callback for message update notifications returned after messages are modified in the cloud.
SetNetworkStatusListenerCallback	Sets the callback for network connection status.
SetOnAddFriendCallback	Sets the callback for adding friends.

SetOnDeleteFriendCallback	Sets the callback for deleting friends.
SetOnDeleteFriendCallback	Sets the callback for deleting friends.
SetSelfInfoUpdatedCallback	Sets the callback for updating the current user's profile.
SetUpdateFriendProfileCallback	Sets the callback for updating friends' profiles.
SetUserSigExpiredCallback	Sets the callback for user ticket expiration.
SetUserStatusChangedCallback	Sets the callback for user status update notifications.

React Native

최종 업데이트 날짜: : 2024-02-07 17:02:49

Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
initSDK	Initializes the SDK.
unInitSDK	Uninitializes the SDK.
login	Logs in.
logout	Logs out.
getLoginUser	Gets the UserID of the current login user.
getLoginStatus	Gets the login status.
getServerTime	Gets the server time.
getVersion	Gets the version number.

Signaling APIs

API	Description
accept	The invitee accepts the invitation.
addInvitedSignaling	Creates a signaling request.
addSignalingListener	Adds a signaling listener.
cancel	The inviter cancels the invitation.
getSignalingInfo	Gets signaling information.
invite	Invites a user.
inviteInGroup	Invites certain users in the group.

reject	The invitee rejects the invitation.
removeSignalingListener	Removes a signaling listener.

Message APIs

API	Description
addAdvancedMsgListener	Adds an event listener for advanced messages.
appendMessage	Appends another message to a message and adds it to the list.
clearC2CHistoryMessage	Clears the chat history with a user from local storage and the cloud (without deleting the conversation).
clearGroupHistoryMessage	Clears the chat history of a group from local storage and the cloud (without deleting the conversation).
createCustomMessage	Creates a custom message.
createFaceMessage	Creates an emoji message.
createFileMessage	Creates a file message.
createForwardMessage	Creates a forward message.
createImageMessage	Creates an image message.
createLocationMessage	Creates a location message.
createMergerMessage	Creates a combined message.
createSoundMessage	Creates an audio message.
createTargetedGroupMessage	Creates a targeted group message.
createTextAtMessage	Creates a text message with the @ notification feature (unavailable for audio-video groups).
createTextMessage	Creates a text message.
createVideoMessage	Creates a video message.
deleteMessageExtensions	Deletes message extensions.
deleteMessageFromLocalStorage	Deletes a message from the local storage.

deleteMessages	Deletes local and roaming messages.
downloadMergerMessage	Gets the sub messages of a combined message.
downloadMessage	Downloads a multimedia message.
getC2CHistoryMessageList	Gets historical one-to-one messages.
getC2CReceiveMessageOpt	Queries the one-to-one message receiving option of a user.
getGroupHistoryMessageList	Gets historical group messages.
getGroupMessageReadMemberList	Gets the list of members who have or have not read the group message.
getHistoryMessageList	Gets historical messages (advanced API).
getMessageExtensions	Gets message extensions.
getMessageOnlineUrl	Gets the URL of a multimedia message.
getMessageReadReceipts	Gets message read receipts.
insertC2CMessageToLocalStorage	Adds a message to the message list of a one-to-one chat.
insertGroupMessageToLocalStorage	Adds a message to the message list of a group chat.
markAllMessageAsRead	Marks all messages as read.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read.
markGroupMessageAsRead	Marks group messages as read.
modifyMessage	Modifies a message.
removeAdvancedMsgListener	Removes the listener for advanced messages.
reSendMessage	Resends a message.
revokeMessage	Recalls a message.
searchLocalMessages	Searches for local messages.
sendMessage	Sends a message.
sendMessageReadReceipts	Sends message read receipts.
sendReplyMessage	Sends a reply message.
setC2CReceiveMessageOpt	Sets the one-to-one message receiving option of a user.

setGroupReceiveMessageOpt	Sets the group message receiving option.
setLocalCustomData	Sets custom message data.
setLocalCustomInt	Sets custom message data.
setMessageExtensions	Gets message extensions.

Conversation APIs

API	Description
addConversationListener	Sets a conversation listener.
deleteConversation	Deletes a conversation.
getConversation	Gets the information of a conversation.
getConversationList	Gets the conversation list.
getConversationListByConversaionIds	Gets the list of specified conversations by conversation IDs.
getTotalUnreadMessageCount	Gets the total unread message count of a conversation.
pinConversation	Pins a conversation to the top.
removeConversationListener	Removes a conversation listener.
setConversationDraft	Sets a draft for a conversation.

Relationship Chain APIs

API	Description
acceptFriendApplication	Accepts a friend request.
addFriend	Adds a friend.
addFriendListener	Adds a relationship chain listener.
addFriendsToFriendGroup	Adds friends to a friend list.
addToBlackList	Adds a user to the blacklist.

checkFriend	Checks your relationship with a specified user.
createFriendGroup	Creates a friend list.
deleteFriendApplication	Deletes a friend request.
deleteFriendGroup	Deletes a friend list.
deleteFriendsFromFriendGroup	Accepts a friend request.
deleteFromBlackList	Removes a user from the blacklist.
deleteFromFriendList	Deletes friends.
getBlackList	Gets the blacklist.
getFriendApplicationList	Gets the list of friend requests.
getFriendGroups	Gets the information of friend lists.
getFriendList	Gets the contacts.
getFriendsInfo	Gets the profiles of specified friends.
refuseFriendApplication	Rejects a friend request.
removeFriendListener	Removes a relationship chain listener.
renameFriendGroup	Modifies the name of a friend list.
searchFriends	Searches for friends.
setFriendApplicationRead	Marks a friend request as read.
setFriendInfo	Sets the profile of a specified friend.

Group APIs

API	Description
addGroupListener	Adds an event listener for groups.
dismissGroup	Disbands a group.
joinGroup	Joins a group.
quitGroup	Leaves a group.

removeGroupListener	Removes an event listener for groups.
acceptGroupApplication	Accepts a request to join a group.
createGroup	Creates a group.
createTopicInCommunity	Creates a topic.
deleteGroupAttributes	Deletes group attributes.
deleteTopicFromCommunity	Deletes a topic.
getGroupApplicationList	Gets the list of requests to join a group.
getGroupAttributes	Gets group attributes.
getGroupMemberList	Gets the group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
getGroupOnlineMemberCount	Gets the number of online group members.
getGroupsInfo	Gets the profiles of groups.
getJoinedCommunityList	Gets the list of community groups the current user has joined.
getJoinedGroupList	Gets the list of groups the current user has joined.
getTopicInfoList	Gets the topics of a group.
initGroupAttributes	Initializes group attributes.
inviteUserToGroup	Invites users to a group.
kickGroupMember	Kicks members out of a group.
muteGroupMember	Mutes a group member.
refuseGroupApplication	Rejects a request to join a group.
searchGroupMembers	Searches for group members.
searchGroups	Searches for group profiles.
setGroupApplicationRead	Marks all group requests as read.
setGroupAttributes	Sets group attributes.
setGroupInfo	Modifies the profile of a group.

setGroupMemberInfo	Modifies the profile of a specified group member.
setGroupMemberRole	Sets a role for a group member.
setTopicInfo	Sets topic attributes.
transferGroupOwner	Transfers the ownership of a group.

Offline Push APIs

API	Description
doBackground	This API can be called when the app detects that the app switches to the background.
doForeground	This API can be called when the app detects that the app switches to the foreground.
setOfflinePushConfig	Configures offline push.

C APIs

최종 업데이트 날짜: : 2024-04-23 17:30:18

IM SDK Initialization APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
TIMInit	Initializes the IM SDK.
TIMUninit	Uninstalls the IM SDK.
TIMGetSDKVersion	Gets IM SDK version number.
TIMGetServerTime	Gets the current server time.
TIMSetConfig	Sets extra user configurations.

Login and Logout APIs

API	Description
TIMLogin	Logs in.
TIMLogout	Logs out.
TIMGetLoginUserID	Gets the <code>userID</code> of the logged-in user.
TIMGetLoginStatus	Gets the login status.

Message APIs

API	Description
TIMMsgSendMessage	Sends a new message
TIMMsgCancelSend	Cancel a message based on the <code>messageID</code> .
TIMMsgBatchSend	Sends a message to multiple users at a time, but not to

	groups.
TIMMsgDownloadElemToPath	Downloads message elements (such as the image, video, audio, and file) to a path.
TIMMsgDownloadMergerMessage	Downloads a merged message.
TIMMsgSetLocalCustomData	Sets custom message data (saved locally, not sent to the peer, and invalidated upon app reinstallation).
TIMMsgSetC2CReceiveMessageOpt	Sets the one-to-one message receiving option for a user (batch setting supported).
TIMMsgGetC2CReceiveMessageOpt	Queries the one-to-one message receiving option for a user.
TIMMsgSetGroupReceiveMessageOpt	Sets the receiving option for group messages.
TIMMsgSetAllReceiveMessageOpt	Sets the global message receiving option for a logged-in user (supports setting do-not-disturb times for each day).
TIMMsgSetAllReceiveMessageOpt2	Sets the global message receiving option for a logged-in user.
TIMMsgGetAllReceiveMessageOpt	Gets the global message receiving option of a logged-in user.
TIMMsgGetMsgList	Gets the message list of a conversation.
TIMMsgRevoke	Recalls a message.
TIMMsgModifyMessage	Modifies a message.
TIMMsgDelete	Deletes the messages of a conversation.
TIMMsgListDelete	Deletes the local and roaming message lists of a conversation.
TIMMsgClearHistoryMessage	Clears the messages of a conversation.
TIMMsgSaveMsg	Saves a custom message.
TIMMsgImportMsgList	Imports a message list to a conversation.
TIMMsgFindMessages	Queries the list of local messages based on the <code>messageID</code> .
TIMMsgFindByMsgLocatorList	Locates a message of a conversation by using the

	message locator.
TIMMsgSearchLocalMessages	Searches for local messages.
TIMMsgSearchCloudMessages	Searches for cloud messages.
TIMMsgSendMessageReadReceipts	Sends message read receipts.
TIMMsgGetMessageReadReceipts	Gets message read receipts.
TIMMsgGetGroupMessageReadMemberList	Gets the list of group members who have read group messages.
TIMMsgSetMessageExtensions	Sets message extensions.
TIMMsgGetMessageExtensions	Gets message extensions.
TIMMsgDeleteMessageExtensions	Deletes message extensions.
TIMMsgAddMessageReaction	Adds message reaction.
TIMMsgRemoveMessageReaction	Deletes message reaction.
TIMMsgGetMessageReactions	Gets message reactions.
TIMMsgGetAllUserListOfMessageReaction	Gets the users who respond with the specified message by page.
TIMMsgTranslateText	Translates a text message.
TIMPinGroupMessage	Sets group message pinning.
TIMGetPinnedMessageList	Gets the pinned group message list.

Conversation APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as the conversation node, conversation name, group name, last message, and unread count.

API	Description
TIMConvGetConvList	Gets the conversation list.
TIMConvGetConvInfo	Queries a list of conversations.
TIMConvGetConversationListByFilter	An advanced API for getting the conversation list.

TIMConvDelete	Deletes a conversation.
TIMConvDeleteConversationList	Deletes the conversation list.
TIMConvSetDraft	Sets the draft for a conversation.
TIMConvCancelDraft	Deletes the draft for a conversation.
TIMConvSetConversationCustomData	Sets custom conversation data.
TIMConvPinConversation	Pins a conversation to the top.
TIMConvMarkConversation	Marks a conversation.
TIMConvGetTotalUnreadMessageCount	Gets the total unread message count of all conversations.
TIMConvGetUnreadMessageCountByFilter	Gets the total unread message count by filter.
TIMConvSubscribeUnreadMessageCountByFilter	Subscribes to notification of total unread message count for conversations specified by filter.
TIMConvUnsubscribeUnreadMessageCountByFilter	Unsubscribes from notification of total unread message count for conversations specified by filter.
TIMConvCleanConversationUnreadMessageCount	Cleans up the unread message count of the conversation.
TIMConvCreateConversationGroup	Creates a conversation group.
TIMConvGetConversationGroupList	Gets the list of conversation groups.
TIMConvDeleteConversationGroup	Deletes a conversation group.
TIMConvRenameConversationGroup	Renames a conversation group.
TIMConvAddConversationsToGroup	Adds a conversation to a conversation group.
TIMConvDeleteConversationsFromGroup	Deletes conversations from a group.

Group APIs

Tencent Cloud Chat SDK supports the following preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join the group only after being invited by group members. This group is similar to ordinary WeChat groups.

Public group (Public): Similar to QQ groups, users can join a public group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): Used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join.

Community: Community supports up to 100,000 members and a user can join and leave a community freely without approval. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK edition V5.8 or later. To use it, you need to purchase the [premium edition](#), and then enable it via [console](#) > **Feature Configuration** > **Group Configuration** > **Group Feature Configuration** > **Community**.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
TIMGroupCreate	Creates a group.
TIMGroupDelete	Deletes or dissolves a group.
TIMGroupJoin	Requests to join a group.
TIMGroupQuit	Quits a group.
TIMGroupGetJoinedGroupList	Gets the list of groups that a user has joined.
TIMGroupGetGroupInfoList	Gets group information.
TIMGroupSearchGroups	Searches for groups.
TIMGroupModifyGroupInfo	Modifies group information.
TIMGroupInitGroupAttributes	Initializes the group attributes to clear the existing group attribute list.
TIMGroupSetGroupAttributes	Sets group attributes. If a group attribute already exists, its value will be updated; otherwise, it will be added.
TIMGroupDeleteGroupAttributes	Deletes group attributes.
TIMGroupGetGroupAttributes	Gets a specified group attribute. If `NULL` is passed in for `json_keys`, all the group attributes will be obtained.
TIMGroupGetOnlineMemberCount	Gets the number of online members in a group.
TIMGroupSetGroupCounters	Sets group counters.

TIMGroupGetGroupCounters	Gets group counters.
TIMGroupIncreaseGroupCounter	Increases the group counter.
TIMGroupDecreaseGroupCounter	Decreases the group counter.
TIMGroupGetJoinedCommunityList	Gets the list of communities the current user has joined.
TIMGroupCreateTopicInCommunity	Creates a topic.
TIMGroupDeleteTopicFromCommunity	Deletes a topic.
TIMGroupSetTopicInfo	Modifies topic information.
TIMGroupGetTopicInfoList	Gets the list of topics.
TIMGroupGetMemberInfoList	Gets group member information.
TIMGroupSearchGroupMembers	Searches for group members.
TIMGroupModifyMemberInfo	Modifies group member information.
TIMGroupInviteMember	Invites someone to join a group.
TIMGroupDeleteMember	Removes a member from a group.
TIMGroupMarkGroupMemberList	Marks group members.
TIMGroupGetPendencyList	Gets the pending group request list.(Pending group requests are those that are not handled, for example, invitations or requests to join a group.)
TIMGroupHandlePendency	Handles pending group requests.
TIMGroupReportPendencyReaded	Reports that a pending group request is read.

Community Topic APIs

API	Description
TIMCommunityCreate	Creates a community that supports a topic.
TIMCommunityGetJoinedCommunityList	Gets the list of communities the current user has joined.
TIMCommunityCreateTopicInCommunity	Creates a topic.

TIMCommunityDeleteTopicFromCommunity	Deletes a topic.
TIMCommunitySetTopicInfo	Modifies topic information.
TIMCommunityGetTopicInfoList	Gets the list of topics.
TIMCommunityCreatePermissionGroupInCommunity	Creates a community permission group.
TIMCommunityDeletePermissionGroupFromCommunity	Deletes a community permission group.
TIMCommunityModifyPermissionGroupInfoInCommunity	Modifies a community permission group.
TIMCommunityGetJoinedPermissionGroupListInCommunity	Gets the list of community permission groups a user has joined.
TIMCommunityGetPermissionGroupListInCommunity	Gets a community permission group list.
TIMCommunityAddCommunityMembersToPermissionGroup	Adds members to a community permission group.
TIMCommunityRemoveCommunityMembersFromPermissionGroup	Removes members from a community permission group.
TIMCommunityGetCommunityMemberListInPermissionGroup	Gets the list of community permission group members.
TIMCommunityAddTopicPermissionToPermissionGroup	Adds topic permission to the permission group.
TIMCommunityDeleteTopicPermissionFromPermissionGroup	Deletes topic permission from the permission group.
TIMCommunityModifyTopicPermissionInPermissionGroup	Modifies the topic permission in the permission group.
TIMCommunityGetTopicPermissionInPermissionGroup	Gets the topic permission in the permission group.

User Profile APIs

API	Description
TIMProfileGetUserProfileList	Gets users' profiles.
TIMProfileModifySelfUserProfile	Modifies one's own profile.

TIMSubscribeUserInfo	Subscribes to a stranger's profile.
TIMUnsubscribeUserInfo	Unsubscribes from a stranger's profile.

User Status APIs

API	Description
TIMGetUserStatus	Gets user status information.
TIMSetSelfStatus	Sets one's own status.
TIMSubscribeUserStatus	Subscribes to a user's status.
TIMUnsubscribeUserStatus	Unsubscribes from a user's status.

Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to add/delete friends and manage your friends.

API	Description
TIMFriendshipGetFriendProfileList	Gets the contacts.
TIMFriendshipGetFriendsInfo	Gets information of friends.
TIMFriendshipModifyFriendProfile	Updates the profile of a friend (such as remarks).
TIMFriendshipSearchFriends	Searches for a friend.
TIMFriendshipAddFriend	Adds a friend.
TIMFriendshipDeleteFriend	Deletes a friend.
TIMFriendshipCheckFriendType	Checks the friend type (one-way or two-way).
TIMFriendshipGetPendencyList	Gets the pending friend request list.
TIMFriendshipHandleFriendAddRequest	Handles friend requests.
TIMFriendshipReportPendencyReaded	Reports that a pending friend request is read.

TIMFriendshipDeletePendency	Deletes a pending friend request.
TIMFriendshipGetBlackList	Gets the blacklist.
TIMFriendshipAddToBlackList	Adds a user to the blacklist.
TIMFriendshipDeleteFromBlackList	Removes a user from the blacklist.
TIMFriendshipCreateFriendGroup	Creates a friend group.
TIMFriendshipGetFriendGroupList	Gets the information of a friend group.
TIMFriendshipDeleteFriendGroup	Deletes a friend group.
TIMFriendshipModifyFriendGroup	Modifies a friend group.

Official Account APIs

Official accounts can send broadcast messages and one-to-one (C2C) messages to subscribers.

API	Description
TIMSubscribeOfficialAccount	Subscribes to an official account.
TIMUnsubscribeOfficialAccount	Unsubscribes from an official account.
TIMGetOfficialAccountsInfo	Gets a list of official accounts.

Follow Feature APIs

The follow feature can help establish and maintain simple connections between users, facilitating interaction and communication among them.

API	Description
TIMFollowUser	Follows users.
TIMUnfollowUser	Unfollows users.
TIMGetMyFollowingList	Gets my following user list.
TIMGetMyFollowersList	Gets my follower list.
TIMGetMutualFollowersList	Gets my mutual following user list.

TIMGetUserFollowInfo	Gets the information of followings/followers/mutual followings of a specified user.
TIMCheckFollowType	Checks the follow type of a specified user.

Offline Push APIs

API	Description
TIMMsgSetOfflinePushToken	Sets offline push configuration information (for iOS and Android platforms only).
TIMMsgDoBackground	Specifies the initial unread count on the desktop badge (for iOS and Android platforms only). This API can be called when the app detects that the app switches to the background.
TIMMsgDoForeground	Called when the app detects that the app switches to the foreground (for iOS and Android platforms only).

Signaling APIs

API	Description
TIMSignalingInvite	Invites a user.
TIMSignalingInviteInGroup	Invites certain users in the group.
TIMSignalingCancel	Cancels an invitation.
TIMSignalingAccept	Accepts an invitation.
TIMSignalingReject	Rejects an invitation.
TIMGetSignalingInfo	Gets the signaling information.
TIMSignalingModifyInvitation	Modifies the invitation signaling.

Event Callback APIs

IM SDK initialization and login callback APIs

API	Description
TIMSetNetworkStatusListenerCallback	Sets the callback for network connection status.
TIMSetKickedOfflineCallback	Sets the callback for forced logout.
TIMSetUserSigExpiredCallback	Sets the callback for user ticket expiration.
TIMSetLogCallback	Sets the callback for logs.

Message callback APIs

API	Description
TIMAddRecvNewMsgCallback	Adds the callback for receiving new messages.
TIMRemoveRecvNewMsgCallback	Deletes the callback for receiving new messages.
TIMSetMsgElemUploadProgressCallback	Sets the callback for the upload progress of message element files.
TIMSetMsgReadedReceiptCallback	Sets the callback for message read receipts.
TIMSetMsgRevokeCallback	Sets the callback for message recalls.
TIMSetMsgUpdateCallback	Sets the callback for message update notifications returned after messages are modified in the cloud.
TIMSetMsgExtensionsChangedCallback	Sets the callback for message extension changes.
TIMSetMsgExtensionsDeletedCallback	Sets the callback for message extension deletion.
TIMSetMsgReactionsChangedCallback	Sets the callback for message reaction changes.
TIMSetMsgAllMessageReceiveOptionCallback	Sets the callback for the global message receiving option.

Conversation callback APIs

API	Description
TIMSetConvEventCallback	Sets the callback for conversation events.
TIMSetConvTotalUnreadMessageCountChangedCallback	Sets the callback for changes in the unread message count of a conversation.
TIMSetConvUnreadMessageCountChangedByFilterCallback	Sets the callback for changes in the unread

	message count of filtered conversations.
TIMSetConvConversationGroupCreatedCallback	Sets the callback for conversation group creation.
TIMSetConvConversationGroupDeletedCallback	Sets the callback for conversation group deletion.
TIMSetConvConversationGroupNameChangedCallback	Sets the callback for a conversation group name change.
TIMSetConvConversationsAddedToGroupCallback	Sets the callback for adding a conversation to a conversation group.
TIMSetConvConversationsDeletedFromGroupCallback	Sets the callback for deleting a conversation from a conversation group.

Group callback APIs

API	Description
TIMSetGroupTipsEventCallback	Sets the callback for group system messages.
TIMSetGroupAttributeChangedCallback	Sets the callback for a group attribute change.
TIMSetGroupCounterChangedCallback	Sets the callback for a group counter change.
TIMSetGroupTopicCreatedCallback	Sets the callback for group topic creation.
TIMSetGroupTopicDeletedCallback	Sets the callback for group topic deletion.
TIMSetGroupTopicChangedCallback	Sets the callback for group topic changes.

Community topic callback APIs

API	Description
TIMSetCommunityCreateTopicCallback	Sets the callback for community topic creation.
TIMSetCommunityDeleteTopicCallback	Sets the callback for community topic deletion.
TIMSetCommunityChangeTopicInfoCallback	Sets the callback for community topic changes.
TIMSetCommunityReceiveTopicRESTCustomDataCallback	Sets the callback for the topic custom

	system messages pushed by REST API.
TIMSetCommunityCreatePermissionGroupCallback	Sets the callback for permission group creation.
TIMSetCommunityDeletePermissionGroupCallback	Sets the callback for permission group deletion.
TIMSetCommunityChangePermissionGroupInfoCallback	Sets the callback for permission group information changes.
TIMSetCommunityAddMembersToPermissionGroupCallback	Sets the callback for adding a member to the permission group.
TIMSetCommunityRemoveMembersFromPermissionGroupCallback	Sets the callback for removing a member from the permission group.
TIMSetCommunityAddTopicPermissionCallback	Sets the callback for adding a topic permission to the permission group.
TIMSetCommunityDeleteTopicPermissionCallback	Sets the callback for deleting a topic permission from the permission group.
TIMSetCommunityModifyTopicPermissionCallback	Sets the callback for modifying a topic permission in the permission group.

User profile and status callback APIs

API	Description
TIMSetSelfInfoUpdatedCallback	Sets the callback for one's own profile changes.
TIMSetUserStatusChangedCallback	Sets the callback for user status changes.
TIMSetUserInfoChangedCallback	Sets the callback for subscriber profile changes.

Friend callback APIs

API	Description
TIMSetOnAddFriendCallback	Sets the callback for adding friends.
TIMSetOnDeleteFriendCallback	Sets the callback for deleting friends.
TIMSetUpdateFriendProfileCallback	Sets the callback for updating friends' profiles.

TIMSetFriendAddRequestCallback	Sets the callback for friend requests.
TIMSetFriendApplicationListDeletedCallback	Sets the callback for deleting a friend request.
TIMSetFriendApplicationListReadCallback	Sets the callback for reading a friend request.
TIMSetFriendBlackListAddedCallback	Sets the callback for adding a friend to the blacklist.
TIMSetFriendBlackListDeletedCallback	Sets the callback for removing a friend from the blacklist.

Official account callback APIs

API	Description
TIMSetOfficialAccountSubscribedCallback	Sets the callback for subscribing to an official account.
TIMSetOfficialAccountUnsubscribedCallback	Sets the callback for unsubscribing from an official account.
TIMSetOfficialAccountDeletedCallback	Sets the callback for deleting an official account.
TIMSetOfficialAccountInfoChangedCallback	Sets the callback for subscribed official account information changes.

Follow feature callback APIs

API	Description
TIMSetMyFollowingListChangedCallback	Sets the callback for my following list changes.
TIMSetMyFollowersListChangedCallback	Sets the callback for my followers list changes.
TIMSetMutualFollowersListChangedCallback	Sets the callback for mutual following list changes.

Signaling callback APIs

API	Description
TIMSetSignalingReceiveNewInvitationCallback	Sets the callback for receiving a new invitation.
TIMSetSignalingInvitationCancelledCallback	Sets the callback for canceling an invitation.
TIMSetSignalingInviteeAcceptedCallback	Sets the callback for accepting an invitation by invitees.
TIMSetSignalingInviteeRejectedCallback	Sets the callback for rejecting an invitation by invitees.

TIMSetSignalingInvitationTimeoutCallback	Sets the callback for an invitation timeout.
TIMSetSignalingInvitationModifiedCallback	Sets the callback for modifying an invitation.

C++

최종 업데이트 날짜: : 2024-04-23 17:10:36

Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
InitSDK	Initializes the IM SDK.
UnInitSDK	Uninstalls the IM SDK.
GetVersion	Gets the version number.
GetServerTime	Gets the server time.
Login	Logs a user in.
Logout	Logs a user out.
GetLoginStatus	Gets the login status.
GetLoginUser	Gets the UserID of the current login user.

Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
AddSimpleMsgListener	Sets an event listener for simple messages (text messages and custom messages). Do not use it and AddAdvancedMsgListener at the same time.
RemoveSimpleMsgListener	Removes the event listener for simple messages (text messages and custom messages).
SendC2CTextMessage	Sends a one-to-one (C2C) text message.
SendC2CCustomMessage	Sends a one-to-one (C2C) custom (signaling) message.
SendGroupTextMessage	Sends a group text message.
SendGroupCustomMessage	Sends a group custom (signaling) message.

Signaling APIs

API	Description
AddSignalingListener	Adds a signaling listener.
RemoveSignalingListener	Removes a signaling listener.
Invite	Invites a user.
InviteInGroup	Invites certain users in the group.
Cancel	The inviter cancels the invitation.
Accept	The invitee accepts the invitation.
Reject	The invitee rejects the invitation.
GetSignalingInfo	Gets the signaling information.
AddInvitedSignaling	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
ModifyInvitation	Modifies the invitation signaling.

Advanced Message APIs

If you need to send/receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following set of advanced message APIs. Do not use simple message APIs and advanced message APIs at the same time.

API	Description
AddAdvancedMsgListener	Sets an event listener for advanced messages. Do not use it and AddSimpleMsgListener at the same time.
RemoveAdvancedMsgListener	Removes an event listener for advanced messages.
CreateTextMessage	Creates a text message.
CreateTextAtMessage	Creates an @ text message.
CreateCustomMessage	Creates a custom message.

CreateCustomMessage	Creates a custom message (supports setting offline push information).
CreateImageMessage	Creates an image message.
CreateSoundMessage	Creates an audio message.
CreateVideoMessage	Creates a video message.
CreateFileMessage	Creates a file message.
CreateLocationMessage	Creates a location message.
CreateFaceMessage	Creates an emoji message.
CreateMergerMessage	Creates a combined forward message.
CreateForwardMessage	Creates a single forward message.
CreateTargetedGroupMessage	Creates a targeted group message.
CreateAtSignedGroupMessage	Creates an @ group message.
SendMessage	Sends a message. The message object can be created using a <code>CreateXXXMessage</code> API.
SetC2CReceiveMessageOpt	Sets the Mute Notifications option for one-to-one messages.
GetC2CReceiveMessageOpt	Gets the Mute Notifications status for one-to-one messages.
SetGroupReceiveMessageOpt	Sets the Mute Notifications option for group messages.
SetAllReceiveMessageOpt	Sets the global message receiving option (supports setting do-not-disturb times for each day).
SetAllReceiveMessageOpt	Sets the global message receiving option.
GetAllReceiveMessageOpt	Gets the global message receiving option of a logged-in user.
GetHistoryMessageList	Gets message history.
RevokeMessage	Recalls a message. The message object can be created using a <code>createXXXMessage</code> API.
ModifyMessage	Modifies a message. The message object can be created using a <code>createXXXMessage</code> API.
MarkC2CMessageAsRead	Marks one-to-one (C2C) messages as read. (It is deprecated. Please call API CleanConversationUnreadMessageCount instead).

MarkGroupMessageAsRead	Marks group messages as read. (It is deprecated. Please call API CleanConversationUnreadMessageCount instead).
MarkAllMessageAsRead	Marks all messages as read. (It is deprecated. Please call API CleanConversationUnreadMessageCount instead).
DeleteMessages	Deletes messages from local storage and the cloud.
ClearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
ClearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
InsertGroupMessageToLocalStorage	Inserts a message in a group chat.
InsertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
FindMessages	Finds local messages by <code>msgID</code> .
SearchLocalMessages	Searches for local messages.
SearchCloudMessages	Searches for cloud messages.
SendMessageReadReceipts	Sends message read receipts.
GetMessageReadReceipts	Gets message read receipts.
GetGroupMessageReadMemberList	Gets the list of group members who have read group messages.
setMessageExtensions	Sets message extensions.
getMessageExtensions	Gets message extensions.
deleteMessageExtensions	Deletes message extensions.
AddMessageReaction	Adds message reaction.
RemoveMessageReaction	Deletes message reaction.
GetMessageReactions	Gets message reactions.
GetAllUserListOfMessageReaction	Gets all users of message reactions by page.
pinGroupMessage	Sets group message pinning.
getPinnedGroupMessageList	Gets pinned group message list.

Group APIs

Tencent Cloud Chat SDK supports the following preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join the group only after being invited by group members. This group is similar to ordinary WeChat groups.

Public group (Public): Similar to QQ groups, users can join a public group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): Used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join.

Community: Community supports up to 100,000 members and a user can join and leave a community freely without approval. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK edition V5.8 or later. To use it, you need to purchase the [premium edition](#), and then enable it via [console](#) > **Feature Configuration** > **Group Configuration** > **Group Feature Configuration** > **Community**.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
AddGroupListener	Adds an event listener for groups.
RemoveGroupListener	Removes an event listener for groups.
CreateGroup	Creates a simple group.
CreateGroup	Creates an advanced group. The group information and the initial group members can be set during group creation.
JoinGroup	Joins a group.
QuitGroup	Leaves a group.
DismissGroup	Disbands a group. Only the group owner and group admin can disband a group.
GetJoinedGroupList	Gets the list of groups the current user has joined, excluding audio-video groups.
GetGroupsInfo	Pulls the profiles of groups.
SearchGroups	Searches for groups.
SetGroupInfo	Modifies the profile of a group.
InitGroupAttributes	Initializes group attributes.

SetGroupAttributes	Sets group attributes.
DeleteGroupAttributes	Deletes group attributes.
GetGroupAttributes	Gets group attributes.
GetGroupOnlineMemberCount	Gets the number of online group members.
GetGroupMemberList	Gets the group member list.
GetGroupMembersInfo	Gets the profiles of specified group members.
SearchGroupMembers	Searches for group members.
SetGroupMemberInfo	Modifies the profile of a specified group member.
MuteGroupMember	Mutes a group member.
MuteAllGroupMembers	Mutes all group members. It can be called only by the administrator or group owner.
KickGroupMember	Removes a member from a group.
KickGroupMember	Removes a member from a group (support setting a duration for prohibiting group joining).
SetGroupMemberRole	Sets a role for a group member.
markGroupMemberList	Marks group members.
TransferGroupOwner	Transfers the group ownership.
InviteUserToGroup	Invites users to a group.
GetGroupApplicationList	Gets the list of requests to join a group.
AcceptGroupApplication	Approves a request to join a group.
RefuseGroupApplication	Rejects a request to join a group.
SetGroupApplicationRead	Marks the request list as read.
GetJoinedCommunityList	Gets the list of communities the current user has joined.
CreateTopicInCommunity	Creates a topic.
DeleteTopicFromCommunity	Deletes a topic.
SetTopicInfo	Modifies topic information.

GetTopicInfoList	Gets the list of topics.
SetGroupCounters	Sets group counters.
GetGroupCounters	Gets group counters.
IncreaseGroupCounter	Increases the group counter.
DecreaseGroupCounter	Decreases the group counter.

Community Topic APIs

Community is used to manage group members. All topics under a community can not only share community members, but also send and receive messages independently without interfering with each other.

API	Description
AddCommunityListener	Adds an event listener for communities.
RemoveCommunityListener	Removes an event listener for communities.
CreateCommunity	Creates a community that supports a topic.
GetJoinedCommunityList	Gets the list of communities the current user has joined.
CreateTopicInCommunity	Creates a topic.
DeleteTopicFromCommunity	Deletes a topic.
SetTopicInfo	Modifies topic information.
GetTopicInfoList	Gets the list of topics.
CreatePermissionGroupInCommunity	Creates a community permission group.
DeletePermissionGroupFromCommunity	Deletes a community permission group.
ModifyPermissionGroupInfoInCommunity	Modifies a community permission group.
GetJoinedPermissionGroupListInCommunity	Gets the list of community permission groups a user has joined.
GetPermissionGroupListInCommunity	Gets a community permission group list.
AddCommunityMembersToPermissionGroup	Adds members to a community permission group.

RemoveCommunityMembersFromPermissionGroup	Removes members from a community permission group.
GetCommunityMemberListInPermissionGroup	Gets the list of community permission group members.
AddTopicPermissionToPermissionGroup	Adds topic permission to the permission group.
DeleteTopicPermissionFromPermissionGroup	Deletes topic permission from the permission group.
ModifyTopicPermissionInPermissionGroup	Modifies the topic permission in the permission group.
GetTopicPermissionInPermissionGroup	Gets the topic permission in the permission group.

Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
AddConversationListener	Adds a conversation listener.
RemoveConversationListener	Removes a conversation listener.
GetConversationList	Gets the conversation list.
GetConversation	Gets a conversation.
GetConversationList	Gets multiple conversations.
GetConversationListByFilter	Gets multiple conversations (support filtering based on conversation type, mark type, group name, etc.).
getConversationListByFilter	Gets the advanced conversation API to specify the conversation type, mark type, and group name.
DeleteConversation	Deletes a conversation.
SetConversationDraft	Sets a draft for a conversation.
SetConversationCustomData	Sets custom conversation data.
PinConversation	Pins a conversation to the top.
MarkConversation	Marks a conversation.
GetTotalUnreadMessageCount	Gets the total unread message count.

CreateConversationGroup	Creates a conversation group.
GetConversationGroupList	Gets the list of conversation groups.
DeleteConversationGroup	Deletes a conversation group.
RenameConversationGroup	Renames a conversation group.
AddConversationsToGroup	Adds a conversation to a conversation group.
DeleteConversationsFromGroup	Deletes a conversation from a conversation group.
GetUnreadMessageCountByFilter	Gets the total unread message count of conversations by filter.
SubscribeUnreadMessageCountByFilter	Subscribes to notification of total unread message count for conversations specified by filter.
UnsubscribeUnreadMessageCountByFilter	Unsubscribes from notification of total unread message count for conversations specified by filter.

User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blocklist).

API	Description
GetUsersInfo	Gets user profiles.
SetSelfInfo	Modifies one's own user profile.
SubscribeUserInfo	Subscribes to a user's profile.
UnsubscribeUserInfo	Unsubscribes from a user's profile.
GetUserStatus	Queries a user's status.
SetSelfStatus	Sets one's own status.
SubscribeUserStatus	Subscribes to a user's status.
UnsubscribeUserStatus	Unsubscribes from a user's status.
AddToBlackList	Blocks messages from a user, which means adding the user to the blocklist.
DeleteFromBlackList	Unblocks messages from a user, which means removing the user from the blocklist.

GetBlackList	Gets the blacklist.
------------------------------	---------------------

Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
AddFriendListener	Adds a relationship chain listener.
RemoveFriendListener	Removes a relationship chain listener.
GetFriendList	Gets the contacts.
GetFriendsInfo	Gets the profiles of specified friends.
SetFriendInfo	Sets the profile of a specified friend.
SearchFriends	Searches for friends.
AddFriend	Adds a friend.
DeleteFromFriendList	Deletes a friend.
CheckFriend	Checks relationship with specified users.
GetFriendApplicationList	Gets the list of friend requests.
AcceptFriendApplication	Accepts a friend request.
RefuseFriendApplication	Rejects a friend request.
DeleteFriendApplication	Deletes a friend request.
SetFriendApplicationRead	Marks a friend request as read.
CreateFriendGroup	Creates a friend list.
GetFriendGroups	Gets the information of friend lists.
DeleteFriendGroup	Deletes friend lists.
RenameFriendGroup	Modifies the name of a friend list.

AddFriendsToFriendGroup	Adds friends to a friend list.
DeleteFriendsFromFriendGroup	Deletes friends from a friend list.

Official Account APIs

Official accounts can send broadcast messages and one-to-one (C2C) messages to subscribers.

API	Description
SubscribeOfficialAccount	Subscribes to an official account.
UnsubscribeOfficialAccount	Unsubscribes from an official account.
GetOfficialAccountsInfo	Gets a list of official accounts.

Follow Feature APIs

The follow feature can help establish and maintain simple connections between users, facilitating interaction and communication among them.

API	Description
FollowUser	Follows users.
UnfollowUser	Unfollows users.
GetMyFollowingList	Gets my following user list.
GetMyFollowersList	Gets my follower list.
GetMutualFollowersList	Gets my mutual following user list.
GetUserFollowInfo	Gets the information of followings/followers/mutual followings of a specified user.
CheckFollowType	Checks the follow type of a specified user.