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Platform SDK Developer's Guide

Introduction to TLib Functions and Data

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Introduction to TLib Functions and Data

This page provides a flat list of TLib functions, datatypes, and unstructured data that you should be familiar with during development.

For detailed descriptions and additional information, please see the [TLib Reference Guide](#).

List of TLib Functions

The following table provides a convenient list of TLib Functions that are available.

| | | | |
|---------------------------|------------------------|----------------------------|--------------------------|
| TAgentLogin | TEventGetStringAttr | TNetworkMerge | TSendEvent |
| TAgentLogout | TFreeEvent | TNetworkPrivateService | TSendEventEx |
| TAgentSetIdleReason | TGetAccessNumber | TNetworkReconnect | TSendUserEvent |
| TAgentSetNotReady | TGetMessageTypeNames | TNetworkSingleStepTransfer | TSetCallAttributes |
| TAgentSetReady | TGetReferenceID | TNetworkTransfer | TSetDNDOff |
| TAlternateCall | TGetRouteTypeNames | TOpenServer | TSetDNDOOn |
| TAnswerCall | TGetTreatmentTypeNames | TOpenServerEx | TSetInputMask |
| TApplyTreatment | TGetXCaps | TOpenServerX | TSetMessageWaitingOff |
| TAttachUserData | TGiveMusicTreatment | TOpenVoiceFile | TSetMessageWaitingOn |
| TCallCancelForward | TGiveRingBackTreatment | TPlayVoice | TSetMuteOff |
| TCallSetForward | TGiveSilenceTreatment | TPrivateService | TSetMuteOn |
| TCancelMonitoring | THoldCall | TQueryAddress | TSetParamHA |
| TCancelReqGetAccessNumber | TInitiateConference | TQueryCall | TSetRefIDLimit |
| TClearCall | TInitiateTransfer | TQueryLocation | TSetReferenceID |
| TCloseServer | TLibSetCompatibMode | TQueryServer | TSetSocketChangeCallback |
| TCloseVoiceFile | TListenDisconnect | TQuerySwitch | TSingleStepConference |
| TCollectDigits | TListenReconnect | TReconnectCall | TSingleStepTransfer |
| TCompleteConference | TLoginMailBox | TRedirectCall | TSockInfoStructure |
| TCompleteTransfer | TLogoutMailBox | TRegisterAddress | TSyncIsSet |
| TCopyEvent | TMakeCall | TReleaseCall | TSyncSetSelectMask |
| TDeleteAllUserData | TMakePredictiveCall | TReserveAgent | TUnregisterAddress |
| TDeleteFromConference | TMergeCalls | TRetrieveCall | TUpdateUserData |
| TDeleteUserData | TMonitorNextCall | TRouteCall | TXCapsSupported |
| TDispatch | TMuteTransfer | TScanServer | connid_to_decimal |

| | | | |
|------------------|-------------------|---------------|-------------------|
| TEventGetConnID | TNetworkAlternate | TScanServerEx | connid_to_str |
| TEventGetIntAttr | TNetworkConsult | TSendDTMF | decimal_to_connid |
| | | | str_to_connid |

List of TLib Datatypes

The following table provides a convenient list of TLib Datatypes that are available.

Important

The names of most of these datatypes start with a "T", but the Voice Platform SDK uses names that do not contain an initial "T". For example, the TRegisterMode datatype mentioned in this section is known to the Voice Platform SDK as RegisterMode.

| | | | |
|-----------------------|------------------|----------------------|-----------------|
| AddressStatusInfoType | TCallState | TKVResult | TRegisterMode |
| AssociationInfoType | TCallType | TKVType | TReliability |
| MsgWaitingInfoType | TClearFlag | TLocationInfoType | TRemoteParty |
| TAddressInfoStatus | TConnectionID | TMakeCallType | TRouteType |
| TAddressInfoType | TControlMode | TMediaType | TScanServerMode |
| TAddressType | TDNRole | TMergeType | TServer |
| TAgentID | TDirectoryNumber | TMessageType | TServerRole |
| TAgentPassword | TEvent | TMonitorNextCallType | TSetOpType |
| TAgentType | TEventMask | TNetworkCallState | TSwitchInfoType |
| TAgentWorkMode | TFile | TNetworkDestState | TTime |
| TAttribute | TForwardMode | TNetworkPartyRole | TTimeStamp |
| TCallHistoryInfo | TInterruptFlag | TOpenMode | TTreatmentType |
| TCallID | TKVList | TPartyState | TXCaps |
| TCallInfoType | TKVPair | TPrivateMsgType | TXRouteType |

List of TLib Unstructured Data

The following table provides a convenient list of TLib Unstructured Data functions that are available.

These functions deal exclusively with transaction-related user data on the client side and allow you to

work with all three categories of unstructured data: *User Data*, *Extensions*, and *Reasons*. None of these functions generate any requests to T-Server. The result of the function execution is confirmed by the value that the function returns.

| | | | |
|---------------------|-----------------------|------------------------|---------------------|
| TKVListAddBinary | TKVListCreate | TKVListGetListValue | TKVListNextPair |
| TKVListAddInt | TKVListDeleteAll | TKVListGetStringValue | TKVListPrint |
| TKVListAddList | TKVListDeletePair | TKVListGetUnicodeValue | TKVListStringValue |
| TKVListAddString | TKVListDup | TKVListInitScanLoop | TKVListType |
| TKVListAddUnicode | TKVListFree | TKVListIntValue | TKVListUnicodeValue |
| TKVListBinaryLength | TKVListGetBinaryValue | TKVListKey | TKVListGetPair |
| TKVListBinaryValue | TKVListGetIntValue | TKVListListValue | |