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Platform SDK Developer's Guide

TEvent

5/4/2025

TEvent

Important

Although listed here, certain components of the TEvent structure are reserved for internal use only.

Syntax

```
typedef struct TEvent_tag {
    enum TMessageType      Event;
    TServer                 Server;
    int                     ReferenceID;
    char                    *HomeLocation;
    char                    *CustomerID;
    TConnectionID           ConnID;
    TConnectionID           PreviousConnID;
    TCallID                 CallID;
    int                     NodeID;
    TCallID                 NetworkCallID;
    int                     NetworkNodeID;
    TCallHistoryInfo         CallHistory;
    TCallType                CallType;
    TCallState              CallState;
    TAgentID                 AgentID;
    TAgentWorkMode           WorkMode;
    long                    ErrorCode;
    char                    *ErrorMessage;
    TFile                    FileHandle;
    char                    *CollectedDigits;
    char                    LastCollectedDigit;
    TDirectoryNumber         ThisDN;
    TDirectoryNumber         ThisQueue;
    unsigned long            ThisTrunk;
    TDNRole                  ThisDNRole;
    TDirectoryNumber         OtherDN;
    TDirectoryNumber         OtherQueue;
    unsigned long            OtherTrunk;
    TDNRole                  OtherDNRole;
    TDirectoryNumber         ThirdPartyDN;
    TDirectoryNumber         ThirdPartyQueue;
    unsigned long            ThirdPartyTrunk;
    TDNRole                  ThirdPartyDNRole;
    TDirectoryNumber         DNIS;
    TDirectoryNumber         ANI;
    TAddressInfoType         InfoType;
    TAddressInfoStatus       InfoStatus;
    TTreatmentType           TreatmentType;
    TRouteType               RouteType;
    char                    *ServerVersion;
    TServerRole              ServerRole;
    TMask                    Capabilities;
}
```

```
    TKVList                *UserData;
    TKVList                *Reasons;
    TKVList                *Extensions;
    TTimeStamp              Time;
    void                   *RawData;
    TDirectoryNumber        AccessNumber;
    TXRouteType             XRouteType;
    TReferenceID            XReferenceID;
    TKVList                *TreatmentParameters;
    char                   *Place;
    int                     Timeout;
    TMediaType              MediaType;
    TLocationInfoType        LocationInfo;
    TMonitorNextCallType    MonitorNextCallType;
    TPrivateMsgType         PrivateEvent;
    /* Application data (set by TSetApplicationData) */
    void                   *ApplicationData;
} TEvent;
```