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T-Server Reference Guide

TEvent

12/19/2025

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;
```