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T-Server Reference Guide

TEvent

12/18/2025

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;
```