



TNMDayTime component

[Heirarchy](#)

[Properties](#)

[Methods](#)

[Events](#)

[Tasks](#)

Description

The TNMDayTime component is used for getting the date and time from Internet daytime servers, as described in RFC 867.

TNMDayTime Properties

[TNMDayTime](#)

[Legend](#)

In TNMDayTime



▶ [DayTimeStr](#)

Derived from TPowersock

■ [About](#)

▶ [BeenCanceled](#)



▶ [BeenTimedOut](#)



▶ [BytesRecv](#)



▶ [BytesSent](#)



▶ [BytesTotal](#)



▶ [Connected](#)



▶ [Handle](#)



■ [Host](#)

▶ [LastErrorNo](#)



▶ [LocalIP](#)



■ [Port](#)

■ [Proxy](#)

■ [ProxyPort](#)



▶ [RemotelIP](#)



▶ [ReplyNumber](#)

■ [ReportLevel](#)



▶ [Status](#)



■ [TimeOut](#)



▶ [TransactionReply](#)



■ [WSAInfo](#)

Derived from TComponent

- [ComObject](#)
- [ComponentCount](#)
- [ComponentIndex](#)
- [Components](#)
- [ComponentState](#)
- [ComponentStyle](#)
- [DesignInfo](#)

- Tag
- Owner
- VCLComObject

TNMDayTime Methods

[TNMDayTime](#)

[Legend](#)

Derived from TPowersock

- [Abort](#)
- [Accept](#)
 - [Cancel](#)
- [CaptureFile](#)
- [CaptureStream](#)
- [CaptureString](#)
 - [CertifyConnect](#)
- [Connect](#)
 - [Create](#)
- [Destroy](#)
- [Disconnect](#)
 - [FilterHeader](#)
 - [GetLocalAddress](#)
 - [GetPortstring](#)
- [Listen](#)
- [read](#)
- [ReadLn](#)
 - [RequestCloseSocket](#)
- [SendBuffer](#)
- [SendFile](#)
- [SendStream](#)
- [Transaction](#)
- [write](#)
- [writeln](#)

Derived from TComponent

- [DestroyComponents](#)
- [Destroying](#)
- [FindComponent](#)
- [FreeNotification](#)
- [FreeOnRelease](#)
- [GetParentComponent](#)
- [HasParent](#)
- [InsertComponent](#)
- [RemoveComponent](#)
- [SafeCallException](#)

Derived from TPersistent

- [Assign](#)
- [GetNamePath](#)

Derived from TObject

- [ClassInfo](#)
- [ClassName](#)
- [ClassNamels](#)
- [ClassParent](#)
- [ClassType](#)
- [CleanupInstance](#)
- [DefaultHandler](#)
- [Dispatch](#)
- [FieldAddress](#)

Free
FreeInstance
GetInterface
GetInterfaceEntry
GetInterfaceTable
InheritsFrom
InitInstance
InstanceSize
MethodAddress
MethodName
NewInstance

TNMDayTime Events

[TNMDayTime](#)

[Legend](#)

Derived from TPowersock

- [OnAccept](#)
- [OnConnect](#)
 - [OnConnectionFailed](#)
- [OnConnectionRequired](#)
- [OnDisconnect](#)
- [OnError](#)
 - [OnHostResolved](#)
 - [OnInvalidHost](#)
 - [OnPacketRecv](#)
 - [OnPacketSent](#)
 - [OnRead](#)
 - [OnStatus](#)



About the TNMDayTime component

[TNMDayTime reference](#)

Purpose

The purpose of the TNMDayTime component is to get the date and time from an internet/intranet daytime server. This component requires a 32 bit TCP/IP stack, WSOCK32.DLL, which can be obtained from many vendors, and is included with Windows 95.

Tasks

Before you can get the date and time from an internet daytime server, you must first know the host name or dotted IP address of the daytime host, and assign that value to the [Host](#) property.

Once the host is set, just read the value in the [DayTimeStr](#) property, and that will give you the date and time from the specified host.

DayTimeStr property

[See also](#)

[Example](#)

Declaration

property DayTimeStr: **string**;

Description

The DayTimeStr property contains the date and time retrieved from the remote host.

Scope: Public

Accessibility: RunTime, ReadOnly

Prerequisites:

The Host property must be set to a valid internet daytime server.

Notes:

The format of the date and time will vary depending on the server queried.

Warnings:

Calling the inherited connect method will cause the connection to fail.

See also

Host property

Example

To recreate this example, you will need to create a new Delphi application.

Drop a TButton, a TLabel, and a TNMDayTime1 on the form.

Place the following code into Button1's OnClick event.

```
procedure TForm1.Button1Click(Sender: TObject);  
begin  
    NMDayTime1.ReportLevel := Status_Basic;  
    NMDayTime1.TimeOut := 5000;  
    NMDayTime1.Host := 'www.netmastersllc.com';  
    Label1.Caption := NMDayTime1.DayTimeStr;  
end;
```

In this example, the ReportLevel property is set to Status_Basic, for basic status reporting. The TimeOut property is set for 5 seconds (5000 milliseconds). The Host property is set to 'www.netmastersllc.com', which has a DayTime server running. Finally, Label1's caption is set to the current date and time by reading the DayTimeStr property, which returns the date and time in a format determined by the server.

Legend

- Run-time only
- Read-Only
- Published
- Protected
- Key item

Heirarchy

TObject



TPersistent



TComponent



TPowersock

