
Subject: time measurement :: RTIMING, TimeStop, GetTickCount

Posted by [Wolfgang](#) on Wed, 09 May 2012 10:17:36 GMT

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I want to know how long (in ms) it takes to get a response from my server through a udp connection. (from a ping)

header:

```
Time lastPingRequest;
```

send method:

```
bool hcan::doSend(uint16 what, CanFrame& frame)
```

```
{
    if (!service.prepFrame(what, frame))
        return false;
    if (what == CanMethod::PING_REQUEST)
        lastPingRequest = GetSysTime();
```

```
    if (urc.RawSend(frame))
```

```
    ...
```

```
}
```

receive method:

```
case CanMethod::PING_REPLAY:
```

```
{
    int64 pingLatency = GetSysTime() - ToTime(lastPingRequest);
    String tLogMsg = "Ping latency: ";
    tLogMsg << AsString(pingLatency);
    Log(2,tLogMsg);
}
```

But this returns me something like:

Ping latency: 43909

Ping latency: 44138

I think I have more than one fault in my try to get the time... but I found nothing that I could understand to RTIMING etc.

Can someone give me a small example how to do?