Subject: Time difference
Posted by captainc on Mon, 04 Aug 2008 21:24:51 GMT

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I have been using time difference to calculate time difference. I wanted to use a simple subtraction operation to subtract 1 hour from the current time.
Time t1 = GetSysTime();
Time dec(0,0,0,1,0,0);
Time res;
res.Set(t1-dec);

Cout() << "Time: " << AsString(t1) << "\n";
Cout() << "Time: " << AsString(res) << "\n";
Cout() << "Time: " << AsString(dec) << "\n";
result:Time: 08/04/2008 17:27:22
Dec: 00/00/   0 01:00:00
Res: 07/04/2008 16:27:22
I was expecting 08/04/2008 16:27:22 and not 07/04/2008 16:27:22

Is Time not meant to be used in this way?

What if I specified it as:Time dec(1900,1,1,1,0,0);?

Subject: Re: Time difference -> Bug?
Posted by mirek on Mon, 04 Aug 2008 21:56:33 GMT

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captainc wrote on Mon, 04 August 2008 17:24I have been using time difference to calculate time difference. I wanted to use a simple subtraction operation to subtract 1 hour from the current time.
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Is Time not meant to be used in this way?

What if I specified it as:Time dec(1900,1,1,1,0,0);?

It is not. The start of time is "not specified", only delta is.

Try -3600.

Mirek

Subject: Re: Time difference -> Bug?
Posted by captainc on Mon, 04 Aug 2008 21:59:20 GMT

Hmm, thought so. I'll have to go for a generic years/months to seconds function.

Subject: Re: Time difference -> Bug?
Posted by mirek on Mon, 04 Aug 2008 22:12:55 GMT

captainc wrote on Mon, 04 August 2008 17:59Hmm, thought so. I'll have to go for a generic years/months to seconds function.

Ehm I wonder how much seconds has month?

Mirek