

## Ruby trunk - Bug #3931

### Timezone offset changing during addition

10/12/2010 02:04 PM - ebryn (Erik Bryn)

<b>Status:</b> Rejected	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b> 2.0.0	
<b>ruby -v:</b> 1.9.2-p0	<b>Backport:</b>
<b>Description</b> =begin Here's the original code that I found this bug with: ruby-1.9.2-p0 > t = Time.local(1900, nil, nil, nil, nil, nil) => 1900-01-01 00:00:00 -0800 ruby-1.9.2-p0 > t + 5_630_617_200 => 2078-06-05 05:20:00 -0700  After looking into it further, it seems if I add >2816474399 to t, the timezone offset will change: ruby-1.9.2-p0 > t + 2816474399 => 1989-04-02 01:59:59 -0800 ruby-1.9.2-p0 > t + 2816474400 => 1989-04-02 03:00:00 -0700 =end	

### History

#### #1 - 10/12/2010 07:05 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Rejected

```
=begin
It's Daylight Saving Time.
=end
```

#### #2 - 10/12/2010 07:56 PM - ebryn (Erik Bryn)

```
=begin
Are you sure? This is new behavior in 1.9.2. I've tested with 1.8.7 & 1.9.1 and this doesn't occur.
=end
```

#### #3 - 10/13/2010 09:00 PM - dkelley (Daniel Kelley)

```
=begin
1989-04-02 is the first Sunday in April, which is the transition to daylight savings time in the US in that year.
```

I see your 1.9.2 behavior in my 1.8.7p72 and 1.9.1p243, so it doesn't look like a change in behavior to me.

```
=end
```