Attached are a few tests for the Date::Delta class. I hope they are of some use. And some points which might be considered bugs. (Everything for 1.9.2 patchlevel 174, probably applies to older versions too)

1) Interplay with the Time class
So the following doesn't look right:
```ruby
irb(main):005:0> t1 = Time.new(2011)
=> 2011-01-01 00:00:00 +0100
irb(main):006:0> t2 = Date::Delta.days(1)
=> #
irb(main):007:0> t1 + t2
=> 2011-01-01 00:00:01 +0100
```

2) Difference of Dates is number
This leads to the following strange behavior:
```ruby
irb(main):016:0> t1 = Date.new(2011,2)
=> #
irb(main):017:0> t1 - t1 + Date::Delta.months(1)
=> ((0/1)+(1/1)*i)
```

Wouldn't it be better, if date arithmetic stayed in the classes Date and Date::Delta when date/delta is loaded?

3) multiplication with scalars
I don't know what the coercion principles exactly are. So this might be okay.
```ruby
irb(main):003:0> 2 * Date::Delta.days(2)
=> ((4/1)+(0/1)*i)
irb(main):004:0> Date::Delta.days(2) * 2
=> #
```

Can I add some documentation? Is there a standard way to do it or should I just go ahead and copy the style from other parts.

History

#1 - 02/13/2011 04:00 PM - naruse (Yui NARUSE)
- Status changed from Open to Assigned
- Assignee set to tadf (tadayoshi funaba)

```ruby
=begin
=begin
```

#2 - 03/02/2011 09:26 PM - tadf (tadayoshi funaba)
```ruby

=begin
i'm planning to remove this undocumented feature.
because, i felt i could not assign my time enough.
in fact, i removed this.
however, it reverted.

because, we were already in period of feature freeze at that time.
```
i was going to improve the delta.
however, now i'd like to improve date.

thanks.
=end

#3 - 03/26/2011 12:22 PM - tadf (tadayoshi funaba)
- Status changed from Assigned to Rejected

=begin
=end

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>test_date_delta.rb</td>
<td>5.67 KB</td>
<td>02/13/2011</td>
<td>skra (Sebastian Krause)</td>
</tr>
</tbody>
</table>