### Exception#cause should be shown in output and #inspect

**06/07/2014 12:58 PM - Eregon (Benoit Daloze)**

<table>
<thead>
<tr>
<th>Status:</th>
<th>Open</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
</tr>
</tbody>
</table>

#### Description

Exception#cause has been added in Feature #8257. But the cause is never shown, one needs to inspect exc.cause to know the cause.

The cause should be shown by default, for instance:

```ruby
begin
  raise "cause"
rescue
  raise "wrapper"
end
```

Should output:

```
-:4:in `rescue in <main>`: wrapper (RuntimeError)
  from -:1:in `<main>`
Caused by:
-e:1:in `<main>`: org (RuntimeError)
```

And not only the first 2 lines. Logically, #inspect should also include the cause such as:

```
#<RuntimeError: wrapper cause:#<RuntimeError: org>>
```

What do you think?

#### Related issues:

- Related to Ruby master - Bug #14324: Should Exception#full_message include escape sequences? added
- Has duplicate Ruby master - Feature #11347: Errors with cause not reported properly to console added

#### History

**#1 - 07/13/2015 02:32 PM - nobu (Nobuyoshi Nakada)**
- Description updated

**#2 - 07/13/2015 02:33 PM - nobu (Nobuyoshi Nakada)**
- Has duplicate Feature #11347: Errors with cause not reported properly to console added

**#3 - 02/20/2018 10:03 AM - nobu (Nobuyoshi Nakada)**
- Related to Bug #14324: Should Exception#full_message include escape sequences? added