Update_parent_attributes doesn't work for the old parent issue when reparenting

Try the following scenario:
- Create issue "Parent 1"
- Create issue "Parent 2"
- Create subissue "Child" on "Parent 2" and set its estimated hours to 5

Current situation: Parent 1: 0hrs, Parent 2: 5 hrs, Child: 5 hrs

Now change parent for Child to "Parent 1"

Current situation: Parent 1: 5hrs, Parent 2: 5 hrs, Child: 5 hrs

Recalculate inherited attributes on parents when a child is moved under a new parent. #5524

Contributed by Jean-Baptiste Barth.

I think this could be solved by doing something like the following when an issue is saved:

```ruby
if <issue has parent> and <new parent != current parent>
    p = <parent>
    c = <children excluding tree starting at issue being reparented>
    l = <leaves excluding tree starting at issue being reparented>
    <update parent attributes as usual>
end
```

this will not disturb the usual workflow, and will work even if the issue being reparented is the last sub issue on its parent. I just don't know where to stick this behaviour.

I had expected the following to work:

```ruby
before_save :store_parent
after_save :fix_old_parent
```
def store_parent
  if self.parent_id_was && !(self.parent_id_was == self.parent_issue_id)
    @old_parent = self.parent_id_was
  else
    @old_parent = nil
  end
end

def fix_old_parent
  if @old_parent
    dummy_child = Issue.new(:parent_id => @old_parent)
    dummy_child.instance_eval { update_parent_attributes }
  end
end

I can see the methods being called when I add logging, but the estimated hours remain as they are.

#3 - 2010-06-08 19:50 - Jean-Baptiste Barth
- File 5524_svn.diff added
- Category set to Issues

Reproduced here on current trunk. I leave a patch to solve this problem, a unit test included, all tests passing successfully on my config.

Emiliano: maybe you can apply this and see if it works for you.

#4 - 2010-06-13 21:40 - Fri Flaj

Seems to do the job for me. Is there a timeline for this to be included in RM trunk?

#5 - 2010-06-13 22:54 - Felix Schäfer
- Assignee set to Eric Davis
- Target version set to 1.0.0 (RC)

My best bet to get this merged would be Eric Davis, though he is under a lot of stress from his work and redmine at the moment. I think this is important enough that it should be fixed for 1.0.0 though.

#6 - 2010-06-30 04:37 - Eric Davis
- Status changed from New to Closed
- % Done changed from 0 to 100
- Resolution set to Fixed

Applied in r3821. Thank you for the test in the patch, I had trouble understanding what this bug was doing until I read the test case.