Error when using views/issues/index.api.rsb in a plugin

when i overwrite index.api.rsb in a plugin (just copied the original file to the plugin), visiting /issues via web browser causes an error:

```
ActionView::Template::Error (No builder for format):
  1: api.array :issues, api_meta(:total_count => @issue_count, :offset => @offset, :limit => @limit) do
  2:   @issues.each do |issue|
  3:     api.issue do
  4:       api.id issue.id
lib/redmine/views/builders.rb:29:in `for'
app/controllers/issues_controller.rb:83:in `block (2 levels) in index'
app/controllers/issues_controller.rb:82:in `index'
```

Ruby version 1.9.3 (x86_64-linux)
RubyGems version 1.8.24
Rack version 1.4
Rails version 3.2.13
Active Record version 3.2.13
Action Pack version 3.2.13
Active Resource version 3.2.13
Action Mailer version 3.2.13
Active Support version 3.2.13
Middleware Rack::Cache, ActionDispatch::Static, Rack::Lock,
#<ActiveSupport::Cache::Strategy::LocalCache::Middleware:0x00000003200168>, Rack::Runtime, Rack::MethodOverride,
ActionDispatch::RequestSlid, Rails::Rack::Logger, ActionDispatch::ShowExceptions, ActionDispatch::DebugExceptions,
ActionDispatch::RemoteIp, ActionDispatch::Callbacks, ActiveRecord::ConnectionAdapters::ConnectionManagement,
ActiveRecord::QueryCache, ActionDispatch::Cookies, ActionDispatch::Session::CookieStore, ActionDispatch::Flash,
ActionDispatch::ParamsParser, ActionDispatch::Head, Rack::ConditionalGet, Rack::ETag,
ActionDispatch::BestStandardsSupport, OpenIdAuthentication
Application root /opt/bitnami/apps/redmine/htdocs
Environment production
Database adapter mysql2
Database schema version 20130217094251
Did you find a solution? even I am facing the same problem

Could you please post a sample plugin crashing?

The file index.api.rsb is in `redmine-2.3.1/plugins/smiles/app/views/timelog`

```ruby
api.array :time_entries, api_meta{:total_count => @entry_count, :offset => @offset, :limit => @limit} do
  @entries.each do |time_entry|
    api.time_entry do
      spent_on = time_entry.spent_on.present? ? time_entry.spent_on.strftime('%d-%m-%Y') : ''
      created_on = time_entry.created_on.present? ? time_entry.created_on.strftime('%d-%m-%Y') : ''
      updated_on = time_entry.updated_on.present? ? time_entry.updated_on.strftime('%d-%m-%Y') : ''
      api.id time_entry.id
      pi.project(:id => time_entry.project_id, :name => time_entry.project.name) unless time_entry.project.nil?
      api.issue(:id => time_entry.issue_id) unless time_entry.issue.nil?
      api.employee(:id => time_entry.user.employee_id) unless time_entry.user.nil?
      api.user(:id => time_entry.user_id, :name => time_entry.user.name) unless time_entry.user.nil?
      api.activity(:id => time_entry.activity_id, :name => time_entry.activity.name) unless time_entry.activity.nil?
      api.hours time_entry.hours
      api.comments time_entry.comments
      api.spent_on spent_on
      api.created_on created_on
      api.updated_on updated_on
      render_api_custom_values time_entry.custom_field_values, api
    end
  end
end
```

the error log is

```
Rendered plugins/smiles/app/views/timelog/index.api.rsb within layouts/base (0.0ms)
Completed 500 Internal Server Error in 815ms
```

ActionView::Template::Error (No builder for format ):

```
 1: api.array :time_entries, api_meta{:total_count => @entry_count, :offset => @offset, :limit => @limit} do
 2:   @entries.each do |time_entry|
 3:     api.time_entry do
 4:
lib/redmine/views/builders.rb:28:in `for'
app/controllers/timelog_controller.rb:64:in `block (2 levels) in index'
app/controllers/timelog_controller.rb:51:in `index'
```
Any update on this?
In my plugin I am overriding both issues/index.api.rsb and issues/show.api.rsb. Its working fine for show.api.rsb but is giving error for index.api.rsb.

After trying out few things I eventually figured out a solution for this. If you are overriding api responses i.e views/issues/index.api.rsb in a plugin, you need to override the html view of that action in the plugin as well. So you just need to copy views/issues/index.html.erb to your plugin views.

cp app/views/issues/index.html.erb  plugins/myplugin/app/views/index.html.erb

That does work, thanks

Copy/Pasting views/issues/index.html.erb to the plugin views do fix the error, but we should be able to override the API without modifying the HTML view. Any way to fix the original bug?

with redmine 3 you also have to copy/paste views/issues/index.pdf.erb and views/issues/show.pdf.erb ;( 

Fixed in r14375.

2020-04-06
Hi! It would be nice if this patch was backported to the 2.6.x branch.
Thank you!

#11 - 2015-11-03 08:15 - Ramiz Raja Chaudhry

For redmine 2.6, I fixed it by changing one line in redmine_root/config/initializers/10-patches.rb

Change this block of code

class Resolver
  def find_all(name, prefix=nil, partial=false, details={}, key=nil, locals=[])  
    cached(key, [name, prefix, partial], details, locals) do
      if details[:formats] & [:xml, :json]
        details = details.dup
        details[:formats] = details[:formats].dup + [:api]
      end
      find_templates(name, prefix, partial, details)
    end
  end
end

TO

class Resolver
  def find_all(name, prefix=nil, partial=false, details={}, key=nil, locals=[])  
    cached(key, [name, prefix, partial], details, locals) do
      if details[:formats] & [:xml, :json].any?
        details = details.dup
        details[:formats] = details[:formats].dup + [:api]
      end
      find_templates(name, prefix, partial, details)
    end
  end
end