

redmineorg-copy202205 - Vote #75912

wrong bar length in PDF gantt chart

2022/05/09 17:30 - Admin Redmine

ステータス:	New	開始日:	2022/05/09
優先度:	通常	期日:	
担当者:		進捗率:	0%
カテゴリ:	Gantt_34	予定工数:	0.00時間
対象バージョン:		作業時間:	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/18792	status_id:	1
category_id:	34	tracker_id:	1
version_id:	0	plus1:	0
issue_org_id:	18792	affected_version:	
author_id:	118717	closed_on:	
assigned_to_id:	0	affected_version_id:	
comments:	0		

説明

In my pdf gantt chart, some task bars which have small progress percentage are painted with wrong length. They must have short green rectangle, but the results is long green rectangle.

In lib/redmine/helpers/gantt.rb, the green rectangle is painted here:

```
if coords[:bar_progress_end]
  params[:pdf].SetY(params[:top] + 1.5)
  params[:pdf].SetX(params[:subject_width] + coords[:bar_start])
  params[:pdf].SetFillColor(90, 200, 90)
  params[:pdf].RDMCell(coords[:bar_progress_end] - coords[:bar_start], height, "", 0, 0, "", 1)
end
```

If a task have small progress, @coords[:bar_progress_end]@ and @coords[:bar_start]@ may have the same value because they are rounded by this code.

```
# Transforms dates into pixels width
coords.keys.each do |key|
  coords[key] = (coords[key] * zoom).floor
end
```

If @coords[:bar_progress_end] - coords[:bar_start]@ was zero, RDMCell() paints long rectangle stretched to the most right side.

Environment:

Redmine version 2.5.2.stable
Ruby version 1.9.3-p484 (2013-11-22) [x86_64-linux]
Rails version 3.2.19
Environment production
Database adapter Mysql2

履歴

#1 - 2022/05/10 17:09 - Admin Redmine

- カテゴリ を Gantt_34 にセット