

## Servoy JasperReports Plugin - Defect #820

### rounding issue

09/05/2014 12:11 PM - Harjo Kompagnie

<b>Status:</b>	New	<b>Start date:</b>	09/05/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Browser (if web client):</b>			

#### Description

We came across a situation, that a SUM in jasper is using the wrong Rounding (format on the field is: #,##0.00)

Servoy shows the sum of: 128,865 to 128,87  
doing the sum in jasper it shows: 128,86

We worked around it now, by passing the sums (rounded by servoy) as parameters from Servoy  
But I want to know, how you can do this in jasper!

#### History

#1 - 10/22/2014 09:02 PM - Andrei Costache

Hi,

I am not very sure here. There is something called the rounding mode to use for the sum, that you can configure in the report template (for instance, RoundingMode.HALF\_DOWN).

More here:

- with an example <http://stackoverflow.com/questions/16899298/how-to-specify-roundingmode-for-decimal-numbers-in-jasper-reports>

- documentation: [http://docs.oracle.com/javase/6/docs/api/java/text/DecimalFormat.html#setRoundingMode\(java.math.RoundingMode\)](http://docs.oracle.com/javase/6/docs/api/java/text/DecimalFormat.html#setRoundingMode(java.math.RoundingMode)).

This maybe you can probably use in the expression element (if using Java as the scripting language), but I am not sure entirely about the setup. I have not used rounding modes for Jasper myself.

Or you can use jasper report scriptlets (<http://jasperreports.sourceforge.net/sample.reference/scriptlet/>, <http://jasperreports.sourceforge.net/api/net/sf/jasperreports/engine/util/Java15BigDecimalHandler.html>), but I guess that's a bit complex.

Also, I do not exclude the possibility that there is an easier solution :-).

Hope this helps,  
Andrei