

QGIS Application - Bug report #2513

ftools: "join attributes by location" tool -> option "take summary of intersecting features" do not work

2010-03-07 07:37 AM - Giovanni Manghi

Status:	Closed	
Priority:	Low	
Assignee:	cfarmer -	
Category:	Python plugins	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution: wontfix
Crashes QGIS or corrupts data:		Copied to github as #: 12573
Description		
<p>In the table of attributes of the resulting vector the "summary of intersecting features" (mean, min, max, sum) are always the values of the "join vector layer".</p> <p>Tested on qgis trunk under ubuntu 9.10.</p>		

History

#1 - 2010-03-07 06:33 PM - cfarmer -

- Resolution set to wontfix

- Status changed from Open to Closed

This is the intended behaviour, unless I am missing something here? Think of this tool as similar to the 'join attributes' tool. The idea is to append additional information to the attribute table of the input layer.

e.g.: If I wanted a summary of all the points intersecting with each polygon in my polygon layer.

Note: If I have misunderstood the problem, please reopen this ticket.

-Carson

#2 - 2010-03-08 02:42 AM - Giovanni Manghi

Hi Carson,

thanks for the feedback.

I am probably the one missing something, but please then help me understand how this option works because I'm probably get it all wrong.

Let's do an example.

Take a polygon with a column called "valor" and its actual value is 5

Then take a point inside the above polygon with a column called "valor" and its actual value is 10.

Looking at the "Join attributes by location" tool and at the option "take summary of intersecting features" I would expect to obtain (using as "target" the point and "join" the polygon) in the output:

```
valor SUMValor MEANValor MINValor MAXValor COUNT
```

10	15	7.5	5	10	1
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instead I always get

valor	SUM	valor	MEAN	valor	MIN	valor	MAX	valor	COUNT
10	5	5	5	5	5	1			

but then I see that the output has also the SUM*,MEAN*, MIN*,MAX* columns for fields that are not in common between "target" and "join" (and COUNT is always 1), so I'm actually lost.

Any feedback will be much appreciated.