

## QGIS Application - Feature request #5501

### "Union/Intersect" tools that allows more than 2 input files

2012-04-26 03:43 AM - Filipe Dias

<b>Status:</b>	Closed	<b>Resolution:</b> <b>Copied to github as #:</b> 15113
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Processing/QGIS	
<b>Pull Request or Patch supplied:</b>	Supplied:	
<b>Easy fix?:</b>		
<b>Description</b>		
<p>"Union" tool that allows more than 2 input features</p> <p>The only software that I know that does this is arcgis</p> <p><a href="http://webhelp.esri.com/arcgisdesktop/9.2/index.cfm?TopicName=union_%28analysis%29">http://webhelp.esri.com/arcgisdesktop/9.2/index.cfm?TopicName=union_%28analysis%29</a></p>		

#### History

##### #1 - 2012-04-26 04:49 AM - Giovanni Manghi

should not be better to add this feature to "ftools" (the vector menu) and then expose this in Sextante?

##### #2 - 2012-04-27 01:06 AM - Filipe Dias

Maybe there's already such a tool in the open source world? If yes it could be added to Sextante.

##### #3 - 2012-04-27 02:37 AM - Giovanni Manghi

Filipe Dias wrote:

*Maybe there's already such a tool in the open source world? If yes it could be added to Sextante.*

For what I understand from a search it seems that other software packages do union multiple vectors in a "cascade": union the first two with the third, the result with the fourth and so on. I would be very handy indeed, but still not sure if it would make more sense to add this feature directly in ftools or in sextante. I vote for the first option and so to move this ticket to the qgis desktop tracker, but obviously Victor has the last word.

##### #4 - 2012-04-27 11:21 AM - Filipe Dias

If there's no "Union tool" that's ready to use and to be ported to Sextante, then yes this ticket should be moved to ftools.

##### #5 - 2012-09-10 01:55 AM - Giovanni Manghi

- Project changed from 78 to QGIS Application

- Category deleted (71)

##### #6 - 2012-09-10 01:56 AM - Giovanni Manghi

- Category set to 44

- Target version set to Version 2.0.0
- Assignee deleted (Victor Olaya)

**#7 - 2012-09-10 01:58 AM - Giovanni Manghi**

- File 10.png added
- Subject changed from "Union" tool that allows more than 2 input files to "Union/Intersect" tools that allows more than 2 input files

Attached a screenshot that shows how the Arc\* GUI is made (to allow select more than 2 input files). I guess that under the hood the files are processed in a loop two by two where the result is unioned/intersected with the following input file.

**#8 - 2012-10-06 02:19 AM - Pirmin Kalberer**

- Target version changed from Version 2.0.0 to Future Release - Nice to have

**#9 - 2014-11-19 07:55 AM - Filipe Dias**

- Status changed from Open to Closed

**#10 - 2017-05-01 01:22 AM - Giovanni Manghi**

The "ftools" category is being removed from the tracker, changing the category of this ticket to "Processing/QGIS" to not leave the category orphaned.

**Files**

10.png	82.6 KB	2012-09-09	Giovanni Manghi
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