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Subject: Re: Category Filter logic  
Posted by [nbehrnd](#) on Wed, 18 Nov 2020 20:55:02 GMT  
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Hello Greg,

once the properties are stored in DW's main table, both Boolean .or. and .and. may be used for further analysis. In the example below, I extended the initial query for molecular weights greater than 110 (yielding mesitylene) to one that would accept molecules with a molecular weight of either less than 80 .or. greater than 110 by the instruction

```
if((TotalMolweight<80) || (TotalMolweight>110), "True", "False")
```

in an additional column (Data -> Add Calculated Values). As expected, the second query yields both benzene and mesitylene now.

It is possible to use multiple properties of different columns, too. DW's mathematics, including logic expressions, which may be used are presented on

<http://www.openmolecules.org/help/jep.html>

Norwid

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#### File Attachments

- 1) [example.dwar](#), downloaded 238 times
  - 2) [boolean\\_or.png](#), downloaded 540 times
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