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Subject: (RESOLVED) Line drawn across Null values  
Posted by [Maginor](#) on Wed, 15 Mar 2023 12:54:21 GMT  
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Edit: This is resolved in an upcoming version.

Hi,  
It used to be so that if a line plot has a Null data value in it, it would have a gap at that value.  
Now this has been changed so that it draws a line from the last valid value to the next one.

If this change is intentional, I would prefer it to be configurable so that I can still get the old behaviour.

Edit:  
Digging into it a bit, I found that this change is caused by the new  
DataAddPoints  
function which extracts the points from the data source into a Vector<Point>. It has been coded so  
that it just skips values where !IsNum(yy).

I guess this is a nice optimization unless you actually want it to have holes at Null values, which  
was how it worked before intentionally.  
Unfortunately, I am not able to fix it just by removing the condition IsNum(yy), because it produces  
an incorrect plot, so I am not entirely sure what is going on.

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Subject: Re: (RESOLVED) Line drawn across Null values  
Posted by [koldo](#) on Sun, 19 Mar 2023 11:43:27 GMT  
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I am not totally sure about the best behaviour. If you run ScatterDraw\_demo\_cl, you will get from  
this vector

```
s1 = {{1,14}, {2,65}, {3,29}, {Null,Null}, {5,40}, {6,50}, {7,Null}, {8,25}, {9,10}};
```

this plot

If `x == y == Null`, plot line jumps, but if just `y == Null`, a hole is created.

What would be the best behaviour?

### File Attachments

1) [Scatter null data.png](#), downloaded 302 times

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Subject: Re: (RESOLVED) Line drawn across Null values

Posted by [koldo](#) on Fri, 09 Jun 2023 20:44:41 GMT

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Well, probably if either x or y are Null, it is better the plot will have a hole.  
A WhenPainter() is also added.

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### File Attachments

1) [Scatter null data.png](#), downloaded 276 times

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