

# Chart Linking

Friday, March 31, 2017 6:33 AM

This has been an ongoing problem, and since there hasn't been any activity on this thread, I thought I would try to explain it in more simple terms.

Suppose I want to create 3 charts with the following features in common:

1. When I scroll chart 1 or 2, they both scroll, not chart 3
2. When I scroll chart 3, only chart 3 scrolls.
3. When I change the Bar Period on chart 2 or 3, they both change, chart 1 stays as is.
4. When I change the Bar Period on chart 1, only chart 1 changes.

Based on the above requirements, and my understanding of how linking charts works, I think this is how I would set that up. (I could be wrong.)

Chart	Link Number	Symbol	Scroll Position	Bar Period
1	1	X	X	
2	1	X	X	X
3	1	X		X

If I do this, I get the following results (see CL 0.cht):

Feature	Result	Pass/Fail
1	Both 1 and 2 Scroll	Pass
2	All 3 scroll	Fail
3	Both 2 and 3 change Bar Period	Pass
4	All 3 change Bar Periods	Fail

So the enhancement that supposedly fixes this problem is "Master Mode"

Here is the first test, where all 3 are Masters:

Chart	Link Number	Symbol	Scroll Position	Bar Period	Master Mode
1	1	X	X		X
2	1	X	X	X	X
3	1	X		X	X

Results:

Feature	Result	Pass/Fail
1	All 3 scroll	Fail
2	Chart 3 Scrolls	Pass
3	All 3 change	Fail

4	Chart 1 changes	Pass
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So, not knowing who should be master I tried all 8 possibilities (X=Master mode checked for the corresponding chart):

Chart 1	Chart 2	Chart 3	Test 1	Test 2	Test 3	Test 4
			P	F	P	F
		X	P	P	P - Chart 2 F - Chart 3	F
	X		P	F	P	F
	X	X	P	P	F	F
X			F	F	P	P
X		X	F	P	P	P
X	X		F	P	F	P
X	X	X	F	P	F	P

Every possible combination has at least one test that fails to meet the requirements.

So, unless I am not understanding how linking works, it doesn't work the way I would like it to work. I don't understand under what scenarios I would want changes to a chart with a link option not checked. To me, if the link option is checked it changes when any other chart with the same link number and the same link option checked is changed. If the link option is unchecked, it is independent, not connected to other charts. So it changes by itself. Am I the only one who sees this?