

ClubHome



#### Chat Logs for hotto 3/6/2004

[3/6/2004 8:30:56 AM] [Stixman] Anyone out there that can tell me the difference between Celeron 2.4 and Pentium 2.4??

[3/6/2004 8:31:07 AM] [Dragon1] price

[3/6/2004 8:31:37 AM] [atraveler] big difference

[3/6/2004 8:32:04 AM] [atraveler] Celeron is a deliberately crippled processor

[3/6/2004 8:32:35 AM] [Stixman] What do you mean?

[3/6/2004 8:32:43 AM] [Dragon1] consider the AMDs, they run hotter but are faster and more affordable...IMHO

[3/6/2004 8:33:04 AM] [Dragon1] just put some good fans and heat sinks on your system

[3/6/2004 8:33:06 AM] [Stixman] Celeron seems slower to me. Is that the case?

[3/6/2004 8:33:20 AM] [atraveler] Celeron is designed to be Intel's price leader...

[3/6/2004 8:33:54 AM] [atraveler] reduced instruction cache...other limitations

[3/6/2004 8:34:27 AM] [atraveler] actual speed difference depends heavily on program type

[3/6/2004 8:34:55 AM] [Sulley] What would be an AMD equivalent to 3Ghz P4?

[3/6/2004 8:35:07 AM] [Stixman] A price leader is a good proWindowct at a low price to get people in the door and sell them more stuff.

[3/6/2004 8:35:20 AM] [Stixman] product

[3/6/2004 8:35:47 AM] [Stixman] Runnings windows 2000pro and of course TCNet

[3/6/2004 8:36:07 AM] [Stixman] running

[3/6/2004 8:36:28 AM] [atraveler] any machine today is fast enough to run TCNet...just get enough memory...at least 512M

[3/6/2004 8:36:51 AM] [Stixman] 1024 memory

[3/6/2004 8:37:03 AM] [Dragon1] athelon XP 3.2 mhz, but they have 64 bit processors, that really kick

[3/6/2004 8:37:14 AM] [Stixman] 120 g harddrive

[3/6/2004 8:37:33 AM] [Sulley] Which would you rather use 2000 Pro or XP Pro?

[3/6/2004 8:37:55 AM] [atraveler] I'm runnint AMD 2800...measured processor utilization is 6%

[3/6/2004 8:38:25 AM] [Sulley] My 1.5Ghz P4 with 512M memory, chokes on Tcnet

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[3/6/2004 8:38:58 AM] [Stixman] No experience with xp pro  
[3/6/2004 8:39:05 AM] [atraveler] I aslo have a PIII 850MHz...works fine there, too  
[3/6/2004 8:39:39 AM] [Dragon1] I have a 1.4 AMD with 512 memory that with broadband digests it quite nicely, no drips, no runs, no errors  
[3/6/2004 8:39:58 AM] [atraveler] ditto  
[3/6/2004 8:40:25 AM] [atraveler] in spite of what many say, TCNet is not a cpu hog  
[3/6/2004 8:41:44 AM] [Dragon1] In fact I run Interactive Brokers Workstation, and Scottrade's Streamer concurrently with TCNet with no lag, other than TCNets usual 5 to 10 second price lag  
[3/6/2004 8:42:07 AM] [loftyB] Connected to TC Net last week via my GSM Cellphone and 1 GHz LapTop. Took some time to download the data but then worked ok.  
[3/6/2004 8:42:18 AM] [atraveler] same here, Dragon...running E\*Trade Pro w/TcNet  
[3/6/2004 8:42:28 AM] [Stixman] Well here's what happened to me. I went to a Computer show yesterday and bought a machine. I asked for a Pentium 4 with 1024 ram and 120 g hard drive. I got it home last night loaded my operating system and the first thing that pops up when I check the propertities is that it is Celeron. I'm just wondering if I should make the 45 minute drive back over thaere today and demand Pentium 4 or is Celeron at least comparable??  
[3/6/2004 8:42:54 AM] [Dragon1] I have a T2 line and Pentium 3 at work that has a tough time doing that, have the occasional lock up and frequent video problems  
[3/6/2004 8:43:08 AM] [atraveler] get your money back...you got swindled...big difference  
[3/6/2004 8:43:35 AM] [Stixman] Thats what I want to know ...is the difference speed or what?  
[3/6/2004 8:43:46 AM] [atraveler] Dragon, I have Cable...never locks up  
[3/6/2004 8:43:46 AM] [Fieldcrestcf] Stixman, there is a big difference. get your money back.  
[3/6/2004 8:43:48 AM] [Dragon1] absolutely, raise holy hell, you paid for a thouroughbred and got a plowhorse  
[3/6/2004 8:44:27 AM] [Dragon1] I have cable with my AMD and it never locks up either, but the P3 at work with a T-2 line does  
[3/6/2004 8:45:47 AM] [Stixman] My current system was a Pentium 2 with 512 ram and 80g. It rarely crashed but It seems slow.  
[3/6/2004 8:45:53 AM] [atraveler] proxy server at work...checked latency?  
[3/6/2004 8:46:04 AM] [Fieldcrestcf] I have noticed that if tradestation 7.2 and TCNet are running on the same computer, Tradestation locks up after a while. I run them on different computers now.  
[3/6/2004 8:46:47 AM] [Dragon1] anyone want to venture an opinion on IDSA, it's like

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living on a tilt-a-whirl, and I am dizzy, also own more of the tilt-a-whirl than I intended

[3/6/2004 8:47:04 AM] [atraveler] too hot for me

[3/6/2004 8:47:12 AM] [Stixman] What is the difference in proce of Celeron and Pentium 4? Anyone know?

[3/6/2004 8:47:18 AM] [Dragon1] I don't dare check anything with our IT folks, day trading at work might be frowned upon

[3/6/2004 8:47:32 AM] [Brooks5] GM...I have been watching the comments....I have a dell laptop....512meg ram....xp pro and 2.1 celeron ....it runs tcnet with no problems

[3/6/2004 8:47:36 AM] [Stixman] price

[3/6/2004 8:47:47 AM] [Dragon1] got to www.pricewatch.com and get the prices

[3/6/2004 8:47:57 AM] [atraveler] not that simple...probable diffs in motherboard, too...bus speeds, etc.

[3/6/2004 8:48:15 AM] [Stixman] Brooks is it fast enough?

[3/6/2004 8:48:21 AM] [atraveler] Celeron bus runs slower

[3/6/2004 8:48:43 AM] [Fieldcrestcf] Stixman, Celeron is the stripped down version of the Pentium 4. intel's website has the techical differences

[3/6/2004 8:48:48 AM] [Brooks5] yes and I am on dial up.....no DSL or cable available yet

[3/6/2004 8:49:25 AM] [Dragon1] Stix, the issue is not is it adequate, but did you get what you paid for, I think you could probably run TCNet on a PII but speed is the issue

[3/6/2004 8:49:38 AM] [Dragon1] cache makes a big difference

[3/6/2004 8:49:54 AM] [Stixman] Motherboard is "P4 Mainboard"

[3/6/2004 8:50:15 AM] [Brooks5] I am very satisfied...but the Pentium may be better...I'm not sure...sounds like these other guys know more about it than me

[3/6/2004 8:50:54 AM] [Dragon1] what speed Celeron did you say you have, stix

[3/6/2004 8:51:01 AM] [Brooks5] The only thing I wish I had was more ram...1024 at least....but works great

[3/6/2004 8:51:01 AM] [atraveler] as noted earlier, TCNet not taxing...but you got robbed

[3/6/2004 8:51:54 AM] [Fieldcrestcf] FYI to all, I have helped many friends get computers and have written a description of what type of hardware I believe is needed to for the Active trader it is in the BackTestersField Club. It's a jungle out there looking for Hardware.

[3/6/2004 8:52:13 AM] [Stixman] celeron 2.4ghz

[3/6/2004 8:52:25 AM] [loftyB] a faster processor will run your update quicker if you have a lot of ez scans and pcf's. Don't see a problem running TCNet on a slower machine unless you have a lot of other programmes running concurrently

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[3/6/2004 8:52:54 AM] [Brooks5] If I had paid for it ...I would demand it for sure....I know the Pentium cost more

[3/6/2004 8:53:49 AM] [Stixman] Well I'm trying to avoid the nearly hour trip (one way) if possible but I don't like being screwed either!

[3/6/2004 8:54:24 AM] [Brooks5] I have had Pentium and Celeron both and personnaly can't tell the difference in the speed...might just be me

[3/6/2004 8:54:51 AM] [Dragon1] Celeron is \$70, the Intel p4 is \$125

[3/6/2004 8:54:59 AM] [Stixman] SO, can I understand that the difference is Speed? One of the 2 things I told him I wanted?

[3/6/2004 8:55:07 AM] [Dragon1] lowest prices listed on internet

[3/6/2004 8:55:12 AM] [Fieldcrestcf] Brooks5, put a load on your processor and there is a big difference

[3/6/2004 8:55:52 AM] [Dragon1] surprising how cheap chips are isn't it, considering what they used to be

[3/6/2004 8:56:04 AM] [Stixman] \$50 dollar difference is not a problem but great difference in speed would be.

[3/6/2004 8:56:06 AM] [Brooks5] I have seen a lot of 20 20 and dateline stories on computer stores taking advantage of people ....get home and didn't get what they paid for...and a lot of people just starting out never know the difference.

[3/6/2004 8:56:17 AM] [Fieldcrestcf] If you don't put a load on your processor, the celeron may be fine for you.

[3/6/2004 8:56:49 AM] [Brooks5] When you say load what are you talking about...

[3/6/2004 8:56:57 AM] [Stixman] Run TCNet and Ameritrade ...usually thats all

[3/6/2004 8:57:25 AM] [atraveler] good example of a demanding application is photo editing

[3/6/2004 8:57:31 AM] [Fieldcrestcf] The problem with computer shows is that they aren't there later if u need them.

[3/6/2004 8:57:36 AM] [Brooks5] I run tcnet...two brokerage accounts and lm at the same time...no problem

[3/6/2004 8:57:36 AM] [atraveler] you'll see big diff in speed ther

[3/6/2004 8:58:15 AM] [Brooks5] brokerage accounts realtime updates also

[3/6/2004 8:58:54 AM] [atraveler] the issue is how much data per sec can cpu work thru...stock stuff is not data intensive

[3/6/2004 8:59:06 AM] [Brooks5] Ram can be a small problem...if I look at a lot of charts..usually reboot at lunch time break every day

[3/6/2004 8:59:56 AM] [Fieldcrestcf] load refers to running multiple programs are a caclulation intensive program. Like loading a car. A Jeep can carry more than an Escort, but if you only carry small amounts, you won't notice

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[3/6/2004 9:00:57 AM] [Brooks5] I guess a lot of it is what you came from and have gone to also...I have never had anything fancy ...dial up and came from windows Me and with a 1 meg processor

[3/6/2004 9:01:34 AM] [Brooks5] So I'm doing a heck of a lot better now....:D

[3/6/2004 9:01:34 AM] [Fieldcrestcf] I have 1 GB of memory. Windows XP pro probably uses 400MB (approx value) of memory

[3/6/2004 9:03:18 AM] [Fieldcrestcf] Different people have different needs .....

[3/6/2004 9:04:48 AM] [Fieldcrestcf] my pc will be a "horse buggy" in a year (maybe 6 months)

[3/6/2004 9:06:33 AM] [Fieldcrestcf] It is important to have the right tools for the job ..... any job.

[3/6/2004 9:06:38 AM] [Stixman] I thank all of you for your input. I asked for speed and memory. ....looks like I didn't get the speed. Thanks again guys and gals.

[3/6/2004 9:07:22 AM] [Fieldcrestcf] good luck to you Stixman.

[3/6/2004 9:07:22 AM] [atraveler] yw, good luck

[3/6/2004 9:07:56 AM] [TPO63] Have enjoyed your conversation about computers..I need to update from this old PII and was thinking about the AMD. MENTIONED earlier about adding fans...how would that be done?

[3/6/2004 9:08:58 AM] [atraveler] TPO, shouldn't have to add fans...AMD retail pkg comes with appropriate cpu cooler

[3/6/2004 9:09:41 AM] [TPO63] OK Tks.

[3/6/2004 9:16:42 AM] [Stixman] My previous (the one I'm on) is also a dell and I haven't had any major problems

[3/6/2004 9:18:05 AM] [Fieldcrestcf] I like Dell s . I have three of them.

[3/6/2004 9:18:45 AM] [bukshot] GM all just tuned in following your computer talk w/interest....after a recent debug my dell has gon into slowmotion mode...on cable chip 1.8... need some help

[3/6/2004 9:19:42 AM] [Stixman] How do you access the internet with it?

[3/6/2004 9:20:17 AM] [Stixman] Isn't it wireless?

[3/6/2004 9:21:20 AM] [atraveler] remember Dell doesn't make any of their own components...just buy and assemble

[3/6/2004 9:21:29 AM] [bukshot] on cable update takes about 5 min .....programs load very slow 60 sec for word to open

[3/6/2004 9:21:38 AM] [atraveler] mostly a marketing and logistics operation

[3/6/2004 9:23:12 AM] [TPO63] What would you recommend..atraveler? I have two Dells and have had no problems

[3/6/2004 9:23:22 AM] [atraveler] Dell...lots of complaints about their support

[3/6/2004 9:24:17 AM] [bukshot] have tried dell support....not much help....

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[3/6/2004 9:25:10 AM] [atraveler] TPO, well, I can't claim personal experience with many different vendors...any individual experience is "one-of" can't draw broad conclusions from it

[3/6/2004 9:25:18 AM] [bukshot] ran system restore ....no help

[3/6/2004 9:25:34 AM] [atraveler] Good experience with IBM and Toshiba, however

[3/6/2004 9:27:42 AM] [chaucer] stix, i have a new sony vaio notebook with a 1.6 celeron chip..it is much faster than my desktop dell with a 2.0chip...and has awesome battery life..

[3/6/2004 9:28:50 AM] [chaucer] stix, i dug up some reviews of the celeron..basically says it uses more of the rated speed capability than a p4

[3/6/2004 9:28:50 AM] [TPO63] Tks. anyone have a comment on the e-machines at Best Buy?

[3/6/2004 9:31:55 AM] [atraveler] biggest risk with 2nd and 3rd tier makers is that don't always do an adequate job of qualifying their suppliers

[3/6/2004 9:32:30 AM] [atraveler] father-in-law had an e-machine...fan got noisy after warranty expired

[3/6/2004 9:32:41 AM] [micky] I have an E- machine that is about 4 years old but i had lot's of problems with best buy tech. people

[3/6/2004 9:33:36 AM] [micky] I would look else where jusy my opion

[3/6/2004 9:33:54 AM] [TPO63] Thanks....there is always a reason why some thing is underpriced

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[3/6/2004 9:34:31 AM] [gjfrey] true
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[3/6/2004 9:34:38 AM] [micky] I had to ad lot's of meory but now that has beb 4 years ago

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[3/6/2004 9:35:05 AM] [bashersmtl] 00000000000000000000000000000000..
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[3/6/2004 10:11:39 AM] [gjfrey] test

[3/6/2004 10:37:18 AM] [HOTTO] zoemaya has joined the club. Please welcome your new member.

[3/6/2004 10:53:02 AM] [Traderabe] Austin TCNet/TC2000 kickoff meeting date, time and place are now set....please see FW club announcement..

[3/6/2004 11:01:17 AM] [Stephen\_M] .

[3/6/2004 11:29:07 AM] [HOTTO] wjonass2 has replied to: Concepts and Creation of PCFs

[3/6/2004 11:56:36 AM] [w2jc] those who have not yet fetched the Report on "Concepts and Creation of PCFs" are urged to do so before the Hotto session starts.. go to Hotto club and it is the top item on the home page.

[3/6/2004 11:56:57 AM] [hotto] Good Morning

[3/6/2004 11:57:07 AM] [hotto] Special treat today...

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[3/6/2004 11:57:29 AM] [hotto] w2jc is going to present on the topic of Creating PCFs

[3/6/2004 11:57:53 AM] [hotto] I will give a short mkt review after Jim is done...

[3/6/2004 11:58:01 AM] [HOTTO] This channel is now a moderated auditorium. Chat will be queued for channel moderators.

[3/6/2004 12:01:08 PM] [hotto] I am going to convert Hotto Club to a "Moderated Forum" now. Any questions or comments you write from now on... will be put into a Queue buffer. You will not see your comments in the chat window. Please write all your questions here in Hotto Club... so they get into the Chat Logs.

[3/6/2004 12:01:19 PM] [hotto] If you see Shared charts different from what I post, try re-doing Share... Click the little 'x' in upper right of chart.. then.. start over with the Share... usually clears it up.

[3/6/2004 12:01:33 PM] [hotto] some may have to Close TCNet and Re-Load program... to clear up the Sharing problem

[3/6/2004 12:02:06 PM] [hotto] Please Write your questions into the Chat window... w2jc will answer each in turn.

[3/6/2004 12:02:13 PM] [hotto] If there are distractions from other Chat Streams, you can block out the other Chat Streams. Click the little hammer at bottom of screen... click on the Clubs with the conflicting chat... to Uncheck the box. then click in the Chart window.

[3/6/2004 12:02:25 PM] [hotto] Please enter all questions/ comments into the Hotto Club Chat Stream. That way your question will be included in the Chat Logs... and will not be forgotten... and - will be seen by other Members... to make the answers more coherent.

[3/6/2004 12:02:35 PM] [hotto] To Copy the Shared Chart... Open a Window with Microsoft "Paint". Then.. In the TCNet Window... hit "Print Screen"... to copy the Graph into the Window's buffer.. Then Switch to the Paint Window... and hit Ctl-V... to copy the Picture in.. Then you can save the Picture to Disk.

[3/6/2004 12:02:47 PM] [hotto] \*\*\*Disclaimer\*\*\*

[3/6/2004 12:02:55 PM] [hotto] This discussion is for educational purposes only, and is not intended as advice to trade the referenced stocks.

[3/6/2004 12:03:03 PM] [hotto] FEPO = For Educational Purposes Only

[3/6/2004 12:03:11 PM] [hotto] PPINIOFR = Past Performance Is Not Indicative Of Future Results

[3/6/2004 12:03:37 PM] [hotto] w2jc is here... I will be back later.

[3/6/2004 12:04:32 PM] [w2jc] good morning everyone ... i have not done a moderated session before, so let's see what happens :)

[3/6/2004 12:05:06 PM] [w2jc] rather than spend a lot of time here with details about the procedures for making PCFs, I prepared the Report mentioned a few minutes ago

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[3/6/2004 12:05:21 PM] [w2jc] i hope that you have all fetched that and taken a look... maybe even printed it out

[3/6/2004 12:05:55 PM] [w2jc] what I thought I would cover today are more of the "concepts" behind setting up PCFs to do what you want them to do

[3/6/2004 12:06:33 PM] [w2jc] as we go along, if you have a question about what I'm presenting at the time, put it in the queue and I'll try to respond right while we are on the topic

[3/6/2004 12:07:16 PM] [w2jc] PCFs can be a very strong tool in the TCnet toolbox ... but before you can make them work, you need to have a 'concept' or idea of what you are looking for

[3/6/2004 12:07:36 PM] [w2jc] you can think of them as an extension to what you do visually when you scan graphs

[3/6/2004 12:07:51 PM] [w2jc] each of our trading styles have us looking for certain patterns in the charts

[3/6/2004 12:08:12 PM] [w2jc] but it can be very time consuming to visually scan through each chart looking for the patterns

[3/6/2004 12:08:25 PM] [w2jc] so you can make up a PCF to do it for you, quickly

[3/6/2004 12:08:50 PM] [w2jc] however, writing a pcf is sort of like trying to get a 9 year old to do something they've never done before !!

[3/6/2004 12:09:06 PM] [w2jc] you need to spell out each little detail exactly the way it must be done

[3/6/2004 12:09:32 PM] [w2jc] the computer is excellent at following directions, but it follows the directions EXACTLY as they are given !!

[3/6/2004 12:09:41 PM] [w2jc] so if you forget a step, it wont do that step

[3/6/2004 12:09:56 PM] [w2jc] then you will wonder why the answers aren't what you expect...

[3/6/2004 12:10:00 PM] [w2jc] .

[3/6/2004 12:10:35 PM] [w2jc] i don't plan to cover the individual command for pcfs, as they are in the Help file and the CDs from Worden

[3/6/2004 12:10:57 PM] [w2jc] but I'll make some comments about 'tricky' things I've stumbled on before

[3/6/2004 12:11:47 PM] [w2jc] btw, I am not an 'expert' on pcfs ... i have several decades experience with computers and programming, but i dont know all the intricacies of the PCFs here (yet)

[3/6/2004 12:12:29 PM] [w2jc] so there might be some questions I'll pass on ...

however, again the most important topic i want to do today is the THINKING behind putting together a pcf



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[3/6/2004 12:12:50 PM] [w2jc] before that though, let me say something about the format of the 'operators' used

[3/6/2004 12:13:32 PM] [w2jc] there are two ways you can put together a pcf in TCnet ... if you are comfortable with it and have learned the correct 'words' you can type in the formula directly...

[3/6/2004 12:13:52 PM] [w2jc] otherwise, you can pick and choose from the items in the menu at the right side of the PCF Editor

[3/6/2004 12:14:12 PM] [w2jc] when you select from the menu, it steps you through the extra things that command needs

[3/6/2004 12:14:55 PM] [w2jc] for instance, if you want to find something over a period of time then you need to specify how many days (period) ... the menu will ask you for that info

[3/6/2004 12:15:42 PM] [w2jc] one of the problems of newcomers that was pointed out to me recently is "I follow along the menu, and then I come to something that I don't understand and then I give up"

[3/6/2004 12:16:04 PM] [w2jc] 'period' was one of the items mentioned at that time...

[3/6/2004 12:16:53 PM] [w2jc] I'm at a bit of a disadvantage talking about the menus because I haven't used them much, having done programming I tend to type directly in the formula

[3/6/2004 12:17:26 PM] [w2jc] but after you have played with making PCFs for a while, you will also start to get a feel for the various commands that are used -- there really aren't that many !!

[3/6/2004 12:17:52 PM] [w2jc] PCF is NOT a programming language !! it is a very basic language designed just for what we do here with the stock charts

[3/6/2004 12:18:18 PM] [w2jc] but let me mention a little bit about the style or 'syntax' of the commands

[3/6/2004 12:19:14 PM] [w2jc] a pcf command can look like XXX##.## where XXX is the command itself .. might be something like MAXH (which means "find the maximum daily High price")

[3/6/2004 12:19:31 PM] [HOTTO] Cashflows has joined the club. Please welcome your new member.

[3/6/2004 12:19:35 PM] [w2jc] well, to do that we have to say how many days back should the pcf go looking for that high

[3/6/2004 12:19:54 PM] [w2jc] so let's say we want to find the highest high in the past 80 days

[3/6/2004 12:20:07 PM] [w2jc] it would look like MAXH80

[3/6/2004 12:20:32 PM] [w2jc] if you were building this with the menu, it would ask you for the 'period' -- which is the number of days to look back

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[3/6/2004 12:21:01 PM] [w2jc] and then there is another nice feature we can use ... maybe we want to ignore the last 20 days, and THEN start looking back for 80 days from there

[3/6/2004 12:21:15 PM] [w2jc] so then the command would look like MAXH80.20

[3/6/2004 12:21:27 PM] [w2jc] see the style or format in there?

[3/6/2004 12:21:40 PM] [w2jc] once it's explained, it gets easier !!

[3/6/2004 12:22:19 PM] [w2jc] if you have any questions as we go along, type them in the chat window and they should show up in the 'queue' on my screen

[3/6/2004 12:22:38 PM] [w2jc] there is another point i want to cover at the start here too ... another 'concept'

[3/6/2004 12:22:50 PM] [w2jc] there are two KINDS of pcfs we can write

[3/6/2004 12:23:17 PM] [w2jc] the first, most basic kind, will look for something we specify and it will come back with a number answer

[3/6/2004 12:24:13 PM] [HOTTO] tickpick has replied to: Concepts and Creation of PCFs

[3/6/2004 12:24:21 PM] [w2jc] aha ... i see there are some notes in the queue ... i guess i had the queue window open for Hotto, not for me !!

[3/6/2004 12:24:45 PM] [w2jc] stitch

[3/6/2004 12:24:53 PM] [w2jc] Stitch wrote : Will the result be to look between day 20 and day 80 or day 20 and day 100 (actually looking at 80 days beyond the past 20) ? ty

[3/6/2004 12:25:04 PM] [w2jc] ah, that's how that works !!

[3/6/2004 12:25:21 PM] [w2jc] good point i should clarify for you

[3/6/2004 12:26:13 PM] [w2jc] MAXH80.20 says "find me the maximum daily high, but dont start looking for it until 20 days ago, and then look 80 days back"

[3/6/2004 12:26:30 PM] [w2jc] so we are actually looking for the high in a time window from 100 days ago to 20 days ago

[3/6/2004 12:26:48 PM] [w2jc] everyone clear on that?

[3/6/2004 12:27:06 PM] [w2jc] ok, back to the two TYPES of pcfs

[3/6/2004 12:27:42 PM] [w2jc] the type that gives us a number answer is like the MAXH ... it will give a result such at 28.67 (the highest price found)

[3/6/2004 12:28:01 PM] [w2jc] (unfortunately, it will not tell us what day it found that number!!)

[3/6/2004 12:28:17 PM] [w2jc] the OTHER kind of pcf is a 'logical' type

[3/6/2004 12:28:45 PM] [w2jc] to use the logical type pcf, we specify a CONDITION that we want the computer to look for

[3/6/2004 12:29:06 PM] [w2jc] in other words, we're not just looking for a number, but we want to know if something is TRUE or FALSE

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[3/6/2004 12:29:44 PM] [w2jc] so maybe i would say "is the highest high price in the past 20 days higher than \$75.25?"

[3/6/2004 12:30:39 PM] [w2jc] this is a more complex question than just getting a number, but the 'concept' here is that you are asking a specific question and you can get only a true or false answer.

[3/6/2004 12:31:15 PM] [w2jc] for the detail folks here, you sometimes see this referred to as a BOOLEAN formula... ;)

[3/6/2004 12:31:37 PM] [w2jc] an important point to remember is that you can't MIX the two types of pcfs

[3/6/2004 12:32:44 PM] [w2jc] internally, the logical pcf returns a -1 (minus one) for one answer and a zero for the other (i'm still not sure myself which is which!! i should have tested it before the class, but ran out of time)

[3/6/2004 12:33:28 PM] [w2jc] so we CANNOT use a pcf that says something like: MAXH35 and C [ 45.30

[3/6/2004 12:33:49 PM] [w2jc] just think about it this way: if someone asked YOU that question, how would you answer it?

[3/6/2004 12:34:11 PM] [w2jc] [ mstrader - will get to your question later ]

[3/6/2004 12:34:56 PM] [w2jc] it would be like saying "find me the highest high price in the last 35 days and is the closing price today less than \$45.30?"

[3/6/2004 12:35:14 PM] [w2jc] since we have a 'logical' part to the pcf the answer has to be TRUE or FALSE

[3/6/2004 12:35:30 PM] [w2jc] alatar wrote : True = -1; False =0

[3/6/2004 12:35:54 PM] [w2jc] thanks alatar ... i guess the 'trick' to remember that is the false=0 part

[3/6/2004 12:36:21 PM] [w2jc] some more ideas on the setup of pcfs

[3/6/2004 12:36:54 PM] [w2jc] spaces and Enters don't count for anything in the pcf formula, so you can use them freely to make your formula more readable

[3/6/2004 12:37:43 PM] [w2jc] for example, we could write it MAXH50.10[45ANDC]22

[3/6/2004 12:38:02 PM] [w2jc] but that's really hard on the eyeballs and the brain ... eveeverything is run together

[3/6/2004 12:38:43 PM] [w2jc] writing it as MAXH50.10 [ 45 AND C ] 22 makes it easier to read -- the point is, the spaces dont affect it

[3/6/2004 12:39:05 PM] [w2jc] even more important in the setup are the parenthesis ( )

[3/6/2004 12:39:20 PM] [w2jc] these are used to 'set off' sections of the formula

[3/6/2004 12:39:36 PM] [w2jc] they also control what is 'figured out' first when the computer starts to run the pcf

[3/6/2004 12:39:57 PM] [w2jc] this part gets a little 'techy' but it is important to

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understand

[3/6/2004 12:40:34 PM] [w2jc] let me use some plain numbers instead of the 'operators' for an example

[3/6/2004 12:40:52 PM] [w2jc] if i type  $2 * 4 + 5$  what answer will you get?

[3/6/2004 12:41:18 PM] [w2jc] depends on what order (sequence) you do the math !!

[3/6/2004 12:41:39 PM] [w2jc] if i multiply 2 times 4 and then add 5 i get 13

[3/6/2004 12:41:44 PM] [HOTTO] caldoc has replied to: Concepts and Creation of PCFs

[3/6/2004 12:42:08 PM] [w2jc] if i add 4 and 5 and then multiply by 2 i get 18 !!

[3/6/2004 12:42:34 PM] [w2jc] if 18 is the right answer, then we should write it as  $2 * (4 + 5)$

[3/6/2004 12:42:46 PM] [w2jc] the ( ) tell the computer to do that part first

[3/6/2004 12:42:59 PM] [w2jc] so it adds the 4 and 5, then multiplies by 2

[3/6/2004 12:43:12 PM] [w2jc] this is a very, very important concept for pcfs

[3/6/2004 12:43:42 PM] [w2jc] my suggestion is that if you have a question about how to set it up, TEST it and see if you get the answer you expected

[3/6/2004 12:44:36 PM] [w2jc] on which point, i'll digress a bit to mention the TEST feature of the PCF Editor ... some folks might not have found that yet

[3/6/2004 12:44:58 PM] [w2jc] it's mentioned, and an example is shown in the 'concept paper'

[3/6/2004 12:45:40 PM] [w2jc] when you are in the PCF Editor and have created your pcf formula -- either by typing it in or by using the menus -- you can 'test' it by clicking the Test button at the lower left...

[3/6/2004 12:46:17 PM] [w2jc] this actually runs the pcf on the ticker that is currently set in the 'test' setup (you can change the ticker by clicking the appropriate button in the Editor)

[3/6/2004 12:46:42 PM] [w2jc] by doing this, you will be able to SEE the actual number that are being used to figure out the pcf value

[3/6/2004 12:47:16 PM] [w2jc] if you have ( ) in the pcf, you can see what numbers are being used and whether it's what you thought it would be or not

[3/6/2004 12:47:44 PM] [w2jc] the Test is also nice for 'logical' pcfs because you can see 'each side of the question'

[3/6/2004 12:48:39 PM] [w2jc] and if you have a doubt about whether it is using the right day, for example, you can look at the value and then use the TC chart to check if it matches for the day you wanted.

[3/6/2004 12:48:52 PM] [w2jc] .

[3/6/2004 12:49:23 PM] [w2jc] ah, another important point ... a little bit advanced, but very important

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[3/6/2004 12:50:23 PM] [w2jc] sometimes you may write a pcf where something is DIVIDED BY something else ... it's very important that for all the 'operators' in the bottom of the fraction, you ADD 0.001 to them

[3/6/2004 12:51:18 PM] [w2jc] the reason for this is that the 'operator' or 'variable' value might some day turn out to be zero ... and if you try to divide zero into any other number, the computer has one response....

[3/6/2004 12:51:25 PM] [w2jc] C R A S H !!

[3/6/2004 12:52:01 PM] [w2jc] so if we add a very tiny number to each variable that's in the bottom of a fraction, we wont have that error problem

[3/6/2004 12:52:45 PM] [w2jc] a side note on that -- i discovered a while ago that if you do add .001 and then run the Test mode, what you see in the window with values says you are adding .00

[3/6/2004 12:53:14 PM] [w2jc] deceiving ... it really does add .001 but apparently the test values are limited to two decimal places

[3/6/2004 12:53:44 PM] [w2jc] nobody is asking any questions ... either i'm doing great or i'm totally snowing all of you !!

[3/6/2004 12:53:50 PM] [w2jc] .

[3/6/2004 12:54:29 PM] [w2jc] ok, i'm going to spend a few minutes on what I consider the most important aspect of creating PCFs

[3/6/2004 12:54:47 PM] [w2jc] you have to THINK ABOUT EXACTLY WHAT YOU ARE TRYING TO DO !!

[3/6/2004 12:54:50 PM] [w2jc] .

[3/6/2004 12:54:55 PM] [w2jc] cobralso wrote : What actually happens when a computer crashes?

[3/6/2004 12:55:36 PM] [w2jc] probably the program you are running (TCnet) will 'crash' and disappear ... you might get a Windows error message too...

[3/6/2004 12:56:10 PM] [w2jc] you probably wont have to reboot the computer, but you will have to restart the TCnet program at least

[3/6/2004 12:56:16 PM] [w2jc] .

[3/6/2004 12:56:39 PM] [w2jc] [ kellam - i'll hold your question for later ]

[3/6/2004 12:56:46 PM] [w2jc] Stitch wrote : Please give a formula example of how PCF looks with a division involved. ty

[3/6/2004 12:57:18 PM] [w2jc] i knew one of my hecklers would ask that !! was trying to think of one off the cuff before ...

[3/6/2004 12:58:18 PM] [w2jc] a little complicated, but how about if you wanted to calculate the percent difference between two prices

[3/6/2004 12:58:56 PM] [w2jc] what comes to my mind from a recent exampe is how far today's close is away from the 50day moving average

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[3/6/2004 12:59:33 PM] [w2jc] ok -- let's use that as an example of the thinking for putting together a pcf too ... nice segway !!

[3/6/2004 1:00:05 PM] [w2jc] .

[3/6/2004 1:00:09 PM] [w2jc] cobralso wrote : Dosen't blow up your computer or anything?

[3/6/2004 1:00:31 PM] [w2jc] let me anser cobralso first... no, wont do any damage to the computer !!

[3/6/2004 1:01:08 PM] [w2jc] it's just a software problem ... you give the CPU (computer's brain) a problem that's impossible to solve, so it gives up (crashes)

[3/6/2004 1:01:44 PM] [w2jc] technically, the answer to any number divided by zero is 'infinity' -- which is a number so big there is no bigger number ... computers have a bit of a problem with that !!

[3/6/2004 1:01:59 PM] [w2jc] .

[3/6/2004 1:02:23 PM] [w2jc] i see the questions are becoming a bit more challenging !!

[3/6/2004 1:03:05 PM] [w2jc] ok, first let's go through the example i mentioned above... that will demonstrate the divide by zero and also the concept of 'thinking thru' the setup

[3/6/2004 1:03:08 PM] [w2jc] .

[3/6/2004 1:03:48 PM] [w2jc] I strongly suggest that you sketch out ON PAPER the situation you want the pcf to solve ... much better than trying to do it in your head

[3/6/2004 1:04:07 PM] [w2jc] also, when you first start, write down the specific question you want the pcf to solve.

[3/6/2004 1:04:57 PM] [w2jc] so for our example, the question would be: "how far away, in percent, is today's closing price from today's 50 day moving average?"

[3/6/2004 1:05:39 PM] [w2jc] so on the paper, just draw a line for the 50dma and an x or a C for today's price, either above or below the 50dma

[3/6/2004 1:05:52 PM] [w2jc] sounds trivial, but helps to visualize the parts of the pcf you will need

[3/6/2004 1:06:10 PM] [w2jc] next, decide what 'parts' we need to 'build' the pcf

[3/6/2004 1:06:58 PM] [w2jc] we need today's closing price -- since I cant share the visual of the editor menus, I will use the text here ... C is the symbol used for today's close

[3/6/2004 1:07:32 PM] [w2jc] we also need the 50 day moving average -- AVGC50

[3/6/2004 1:07:55 PM] [w2jc] let's take that apart for a moment... AVG means calculate an average value

[3/6/2004 1:08:09 PM] [w2jc] C means calculate it using closing prices

[3/6/2004 1:08:27 PM] [w2jc] 50 means calculate the average over the past 50 days

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(including today)

[3/6/2004 1:08:53 PM] [w2jc] once you do this a few times, it will start to 'stick' !!

[3/6/2004 1:08:55 PM] [w2jc] .

[3/6/2004 1:09:38 PM] [w2jc] always 'build' your pcf like you were using 'building blocks' ... and put it together one step at a time... much less overwhelming that way

[3/6/2004 1:09:51 PM] [w2jc] so, the next part of our question is "how far away"

[3/6/2004 1:10:06 PM] [w2jc] that means we need to calculate the DIFFERENCE between the two values

[3/6/2004 1:10:29 PM] [w2jc] remember that C could be above or below the 50dma

[3/6/2004 1:11:08 PM] [w2jc] if we write  $C - \text{AVGC50}$  we will get the distance between the two... it will be either plus or minus

[3/6/2004 1:11:32 PM] [w2jc] but now we want to know the percent !!

[3/6/2004 1:11:49 PM] [w2jc] for simplicity, let's base it on 'what percent of the closing price'

[3/6/2004 1:12:34 PM] [w2jc] well, percent is based on 'what fraction of something' ... so the fraction for this would be 'the distance between them, over the closing price'

[3/6/2004 1:12:51 PM] [w2jc] which leads us to  $C - \text{AVGC50} / C$

[3/6/2004 1:13:36 PM] [w2jc] now here is a good example where ( ) would be a good idea ... we don't want to calculate C minus 50dma/C

[3/6/2004 1:14:12 PM] [w2jc] so to make sure it gets calculated correctly, let's use  $(C - \text{AVGC50}) / C$

[3/6/2004 1:14:28 PM] [w2jc] this forces the computer to calculate the difference value first, then divide by C

[3/6/2004 1:15:07 PM] [w2jc] once we calculate the fraction, for percent we need to multiply by 100

[3/6/2004 1:15:36 PM] [w2jc] so we would get  $100 * ((C - \text{AVGC50}) / C)$

[3/6/2004 1:15:55 PM] [w2jc] hmmm... where did that extra set of ( ) come from ??

[3/6/2004 1:16:39 PM] [w2jc] we need to multiply the WHOLE fraction by 100, so to be sure that happens we put the whole fraction part inside the second ( )

[3/6/2004 1:16:50 PM] [w2jc] cobralso wrote : Why /c I would think it should be /100 for percent.

[3/6/2004 1:17:12 PM] [w2jc] good question cobralso... others may be thinking the same thing

[3/6/2004 1:17:30 PM] [w2jc] percent is just a decimal value multiplied by 100

[3/6/2004 1:18:06 PM] [w2jc] simple example ... 1 / 4 turned into a decimal value is 0.25 and we all know that 1/4 is 25%

[3/6/2004 1:18:22 PM] [w2jc] so to get percent from the .25 we multiply by 100

[3/6/2004 1:19:10 PM] [w2jc] in our example, the fraction was: the difference between

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C and 50dma)/C [because we decided to base it on the C value]

[3/6/2004 1:19:50 PM] [w2jc] in our example, the fraction was: the difference between

(C and 50dma)/C [because we decided to base it on the C value]

[3/6/2004 1:19:58 PM] [w2jc] i missed a ( in the first shot

[3/6/2004 1:20:17 PM] [w2jc] did that answer your question cobralso?

[3/6/2004 1:20:44 PM] [w2jc] .

[3/6/2004 1:21:07 PM] [w2jc] ok, if that didn't clear it up for someone, post a question in the queue

[3/6/2004 1:21:22 PM] [w2jc] cobralso wrote : Yes TY back to basic math xP

[3/6/2004 1:21:53 PM] [w2jc] oh yes !! most of PCF writing is actually nothing but basic math, but the BASIC part becomes important to the computer !!

[3/6/2004 1:22:23 PM] [w2jc] now, back to the 'divide by zero' situation ... in our example, we have C in the bottom of the fraction.

[3/6/2004 1:23:07 PM] [w2jc] we all know that the closing price of most stocks will not be zero (except maybe MSO on monday?) -- BUT there are times when the data stream goofs and actually does have a zero value

[3/6/2004 1:23:52 PM] [w2jc] sometimes shows upon the chart with a long vertical line down to the bottom and the rest of the chart squooshed up at the top

[3/6/2004 1:24:02 PM] [w2jc] jbs wrote : so to handle the div by zero problem the formula would be  $100 * (((c - avgc50)) / (c + .001))$

[3/6/2004 1:24:16 PM] [w2jc] exactly !! very good jbs :)

[3/6/2004 1:24:26 PM] [w2jc] .

[3/6/2004 1:25:11 PM] [w2jc] we're getting some more complex questions in the queue now, and i dont want to bore the more experienced users with the simple stuff all afternoon --

[3/6/2004 1:25:22 PM] [w2jc] but i also dont want to leave the basic users with questions...

[3/6/2004 1:25:29 PM] [HOTTO] Spider has joined the club. Please welcome your new member.

[3/6/2004 1:26:20 PM] [w2jc] so if any of you have 'basic' questions you want to ask about 'building' pcfs, queue them now... the second part of my Report paper explains a lot of my philosophy on 'thinking thru'

[3/6/2004 1:26:47 PM] [w2jc] .

[3/6/2004 1:27:23 PM] [w2jc] Bobtrader wrote : is there not too many ()

[3/6/2004 1:28:20 PM] [w2jc] i presume you mean in the formula jbs posted? actually, there appears to be an extra set around the c-avgc50

[3/6/2004 1:28:34 PM] [w2jc] sharp eyes there Bobtrader !!

[3/6/2004 1:29:13 PM] [w2jc] oh, IMPORTANT point about parens ... always COUNT



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the lefts and the rights and be sure they match !!! that's one of the biggest causes of errors

[3/6/2004 1:29:37 PM] [w2jc] Bobtrader wrote : will that upset the pcf if too many ( )...will it stil work

[3/6/2004 1:29:56 PM] [w2jc] no, i dont think it will affect it, as long as the number is balance left and right

[3/6/2004 1:30:21 PM] [w2jc] better to have too many ( ) than not enough !! because not enough means that things will be combined in the wrong order

[3/6/2004 1:30:32 PM] [w2jc] cobralso wrote : You have been very helpfull TY. Con you tell me where to find the paper you wrote?

[3/6/2004 1:31:20 PM] [w2jc] yes, if you go to Hotto club area, at the moment it is the very top item on the Home page ... under Reports ... called "Concepts and Creation of PCFs"

[3/6/2004 1:31:32 PM] [w2jc] .

[3/6/2004 1:31:54 PM] [w2jc] Johnster wrote : In testing a PCF, what do we do when we get an "error in formula syntax" message? How do we isolate where the error is?

[3/6/2004 1:32:52 PM] [w2jc] ok, back to the Testing mode for a moment ... first "error in formula syntax" means that one of the operators wasn't put together right ...

[3/6/2004 1:33:28 PM] [w2jc] in the Test window, my suggestion is to carefully look through the values shown to see if you can find one that looks wrong or out of place

[3/6/2004 1:34:44 PM] [w2jc] otherwise, it's best to 'debug' a formula the same way we build them ... piece by piece ... i would open Notepad or such, then Cut half the pcf formula (at a logical end of a building block, of course) and Paste it into Notepad.. then Test again and see if the syntax error is still there

[3/6/2004 1:35:32 PM] [w2jc] if it is NOT there (the error) then it is in the section you took away!

[3/6/2004 1:36:11 PM] [w2jc] so then Cut and Paste each block from the Notepad back into the PCF editor and test it... eventually you will get the error again, and THAT is the syntax you have to fix

[3/6/2004 1:37:00 PM] [w2jc] .

[3/6/2004 1:37:09 PM] [w2jc] LongLeon wrote : It is my understanding that PCF's can only act on EOD data, if correct, it might be well to mention somewhere

[3/6/2004 1:38:17 PM] [w2jc] i'm whittling away at the easy ones first !! Yes, as far as I know the PCFs can only work on End Of Day data ... however, each time you do an Update during the day, the delayed data from that 'looks' like EOD data for today

[3/6/2004 1:38:55 PM] [w2jc] so that let's you run a pcf with only 20 minutes (or so!!) delayed data

[3/6/2004 1:39:10 PM] [w2jc] Lvu2 wrote : w2jc you might comment on the basic

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difference between an Indicator under TC Net 2.3 and a PCF. i.e. a PCF is calculated on EOD data. Whereas if you use that very same PCF as an Indicator, you can visually sort by it in R/T.

[3/6/2004 1:41:01 PM] [w2jc] good point Lvu2 ... I haven't played with the new visual indicators very much yet. I've done some nifty sorts with them though. With the new version of TCnet, we can make 'custom indicators' right on the charts by pasting in the formula from a PCF ... i dont feel competent yet to go into details on that Lvu2 ... we'll call on you next week!!

[3/6/2004 1:41:48 PM] [w2jc] Stitch wrote : Please write out the formula you showed us with the correct (), I got 0.21 for PWER as result?

[3/6/2004 1:42:18 PM] [w2jc] i guess you are talking about the 'percent away from 50dma' formula?

[3/6/2004 1:44:29 PM] [w2jc]  $100 * ((c - avgc50) / (c + .001))$  should do it ... i dont think you should get a decimal value ... let me see if I can play PCF Editor while still in chat ... moment please...

[3/6/2004 1:46:11 PM] [w2jc] for OSIP i get 15.78 so seems to work ok... check your typing, stitch !! also, with the Test window open look at the values and see if they all look right

[3/6/2004 1:46:31 PM] [w2jc] just a moment, please

[3/6/2004 1:47:53 PM] [w2jc] sorry, phone

[3/6/2004 1:48:29 PM] [w2jc] kellam wrote : recently I have trouble using the vol function in easy scan, pc crashes, what vol scans tdo you typically use for breakouts

[3/6/2004 1:49:13 PM] [w2jc] we haven't talked about EzScans yet ...

[3/6/2004 1:49:48 PM] [w2jc] kellam -- are you referring to setting the slider in EzScan for volume, or bringing a PCF with volume into the EzScan?

[3/6/2004 1:50:54 PM] [w2jc] perhaps kellam is distracted ... some brief words on EzScans ... I touched on them in the paper so we wouldnt have to spend a lot of time with procedures here today

[3/6/2004 1:51:31 PM] [w2jc] a PCF will simply return a number (value) or a TRUE/FALSE answer for the conditions written in the pcf

[3/6/2004 1:52:28 PM] [w2jc] but the pcf can also be used as a 'filter' in the EzScan system, and only those stocks that meet the pcf criteria pass

[3/6/2004 1:53:00 PM] [w2jc] kellam wrote : when I use slider

[3/6/2004 1:54:16 PM] [w2jc] yes, I had a wierd condition the other day using the slider ... in fact, i included a CAUTION: paragraph in the Report about that... what happened to me was that I tried to slide the blue slider and my mouse pointer was 'locked' within the area of the blue.. i had to crash TCnet and restart it...

[3/6/2004 1:54:47 PM] [HOTTO] Queue size is now set to 5

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[3/6/2004 1:56:02 PM] [w2jc] a big advantage of putting the PCF into an EzScan is that the Ez will create a watchlist automatically, containing only those stocks that pass the 'filter' ...

[3/6/2004 1:56:24 PM] [w2jc] and when your data is updated, the watchlist content will automatically update

[3/6/2004 1:56:34 PM] [w2jc] loftyB wrote : There is a fault in TCNet. If you change the condition from All Items in System then the sliders stick if you add a condition. You can add you conditionas and change to "Stocks" at the end

[3/6/2004 1:56:58 PM] [w2jc] thanks for that Lofty

[3/6/2004 1:57:57 PM] [w2jc] by the way, I keep one Ez set up with my 'basic universe' settings (All stocks, prices between \$1 and \$99, volume ] 2500oo)

[3/6/2004 1:58:24 PM] [w2jc] then when i want to make a new one based on that 'universe' i first open my 'template' ez, SaveAs to the new name, and work from there

[3/6/2004 1:59:30 PM] [w2jc] I also have done that with some of the favorite Hotto PCFs ... make an ezscan based on the universe you want to work with, then add the hotto pcf and you get a watchlist of stocks meeting that pcf, which updates itself every day...

[3/6/2004 1:59:43 PM] [w2jc] George50 wrote : Worden Support knows about that problem they suggested to do the slider part last in the sdan

[3/6/2004 2:00:17 PM] [w2jc] thanks George... i decided not to use the slider, just use the little arrow buttons on the right edge... safer !! but have to remember ...

[3/6/2004 2:00:36 PM] [w2jc] Lvu2 wrote : My recollection is the opposite of alatar's earlier comment: I thought internally a Boolean PCF returns .

[3/6/2004 2:01:53 PM] [w2jc] ah, so we have some question about this... it's not important to pcf users actually, until you get so sophisticated that you are using the T or F value of a logical block to affect other math blocks... a bit higher level than i want to do today

[3/6/2004 2:02:26 PM] [w2jc] Lvu2 wrote : When will TCNet be revised + give us the IF... THEN logical parameters to use in formulating our PCF's

[3/6/2004 2:02:50 PM] [w2jc] heh heh ... wish i could tell you ... i guess when they get enough pressure on them to add it !! sure would be nice

[3/6/2004 2:03:46 PM] [w2jc] i would also like to be able to 'define' something and then use it as a building block... but i suspect they dont want to get too complex... i would scare off the basic users

[3/6/2004 2:04:01 PM] [w2jc] MarkWayne wrote : Hotto is always talking about using a price and volume pcf . can you show an example?

[3/6/2004 2:05:07 PM] [w2jc] i suggest you check the Hotto club area for such pcfs .. there is one document there that brings almost all the Hotto PCFs together and

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explains what they do...

[3/6/2004 2:05:33 PM] [w2jc] also in the Hotto Encyclopedia quite a few of the common Hotto pcfs are shown and explained

[3/6/2004 2:05:40 PM] [w2jc] .

[3/6/2004 2:05:50 PM] [w2jc] armiller wrote : Jim if you get a chance at some point can you explain how to write a pcf to test weekly conditions e.g. weekly engulfing candles...thanks again for your efforts

[3/6/2004 2:06:22 PM] [w2jc] at this time, i dont think PCF language can handle weekly data ... if i'm wrong, someone will jump in and tell us

[3/6/2004 2:06:57 PM] [w2jc] Peggylou wrote : I want to build a pcf that will show me stocks that have started to show an increase in volume after having little volume the previous days and also that have had a recent low i price. Can you help with that?

[3/6/2004 2:07:31 PM] [w2jc] ok Peggylou ... we'll tackle this one as an example for today's class

[3/6/2004 2:07:39 PM] [w2jc] (there are a few other requests c

[3/6/2004 2:08:04 PM] [w2jc] (there are a few other requests queued that are more exotic .. we'll see how the time goes for them)

[3/6/2004 2:08:11 PM] [w2jc] .

[3/6/2004 2:08:43 PM] [w2jc] so ... using the Concepts we've discussed today... the first thing to do is to analyze the question

[3/6/2004 2:09:00 PM] [w2jc] "started to show an increase in volume"

[3/6/2004 2:09:08 PM] [w2jc] that is a 'building block'

[3/6/2004 2:09:53 PM] [w2jc] we need to decide how many days of increased volume do we want to find.... just today? yesterday and today? an average of the past 5 days?

[3/6/2004 2:10:25 PM] [w2jc] "after having little volume the previous days"

[3/6/2004 2:10:45 PM] [w2jc] hah... again, how many days? when do we start looking back for low volume?

[3/6/2004 2:11:03 PM] [w2jc] these are the kind of questions you need to resolve for yourself before you start building the PCF

[3/6/2004 2:11:21 PM] [w2jc] since we are doing this for an example, i'll try to keep it fairly simple

[3/6/2004 2:11:45 PM] [w2jc] but it looks like this is an application like we spoke about earlier with the MAXH80.20 example

[3/6/2004 2:11:59 PM] [w2jc] Peggylou wrote : how about 20

[3/6/2004 2:12:46 PM] [w2jc] well, we're writing instructions for a 9 year old now !! 20 for the increased volume? or 20 days back for the lower volume? or 20 days of lower volume?

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[3/6/2004 2:13:37 PM] [w2jc] i dont mean to degrade any 9 year olds, by the way !! just pointing out that we need to be really detailed in how we set up our question ;)

[3/6/2004 2:14:28 PM] [w2jc] so... let's set this up arbitrarily ... since i'm running the show !! we'll look for 'increased volume' on each of the past 2 days plus today

[3/6/2004 2:16:01 PM] [w2jc] i dont have all the FUNCTIONS memorized, so i was just hunting for a picture of the Editor window ... page 5 of 30 in the Report

[3/6/2004 2:16:22 PM] [w2jc] we can use the Function VOLUME for this

[3/6/2004 2:17:11 PM] [w2jc] of course, the simple way for you folks to build this pcf would be to click the menu items in the pcf editor ... i cant do that interactively in the chat though

[3/6/2004 2:17:34 PM] [w2jc] Golfermary wrote : hope you use voice software! cause if you are typing you are really GOOD! Thanks for this class.

[3/6/2004 2:18:15 PM] [w2jc] no Mary, no voice software here... but i've been typing since the 7th grade and that was many decades ago... and as a teen I played with Teletype systems, so lots of practice !!

[3/6/2004 2:19:51 PM] [w2jc] i was hoping i could keep the PCF editor open and type here at the same time, but cant do that... i dont have the symbols for all the functions memorized yet

[3/6/2004 2:20:03 PM] [w2jc] the symbol for Volume is V

[3/6/2004 2:20:28 PM] [w2jc] so today's volume will be V .... yesterday's will be V1 and two days ago will be V2

[3/6/2004 2:20:49 PM] [w2jc] cobralso wrote : Where is the PFC editor?

[3/6/2004 2:21:12 PM] [w2jc] THESE are the kind of questions that frustrate our beginning users !!!

[3/6/2004 2:21:29 PM] [w2jc] click the New button, upper left of screen, just under File

[3/6/2004 2:21:49 PM] [w2jc] then click New Personal Criteria Formula

[3/6/2004 2:21:58 PM] [w2jc] and the pcf editor window will open

[3/6/2004 2:22:00 PM] [w2jc] .

[3/6/2004 2:22:36 PM] [w2jc] you folks can probably watch the chat window and have your editor window open at the same time... you can 'play along'

[3/6/2004 2:23:10 PM] [w2jc] so, we are still working on building our 'building block' for recent volume increase ...

[3/6/2004 2:23:22 PM] [w2jc] ah, something we should decide right at the start

[3/6/2004 2:23:47 PM] [w2jc] are we going to build a pcf that will give us a VALUE (number) answer or a true/false answer?

[3/6/2004 2:23:57 PM] [w2jc] and how do we decide that?

[3/6/2004 2:24:18 PM] [w2jc] first of all, the question includes quite a few conditions

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[3/6/2004 2:24:38 PM] [w2jc] this is a fast clue that we will want to use a 'logical' type pcf, with true/false answer

[3/6/2004 2:25:38 PM] [w2jc] basically, for each stock we review we want an answer to the question: "this stock, right now, meets ALL the conditions of my PCF?"

[3/6/2004 2:26:35 PM] [w2jc] so, for each stock we will get an answer of TRUE or FALSE

[3/6/2004 2:26:46 PM] [w2jc] back to the volume

[3/6/2004 2:27:07 PM] [w2jc] let's re-phrase the question again... gotta keep doing that to keep your mind on track ...

[3/6/2004 2:27:41 PM] [w2jc] we want to know "is the volume today bigger than the volume yesterday AND is the volume yesterday bigger than the day before"

[3/6/2004 2:28:16 PM] [w2jc] how about V ] V1 ] V2 ?

[3/6/2004 2:28:54 PM] [w2jc] i'm not sure that will work... so what should i do? i will open the pcf editor, type that in, Test it and see what happens ... stand bye !!

[3/6/2004 2:29:55 PM] [w2jc] i tested it for OSIP and here is what i got: 19330.00 ] 22162.00 ] 98456.00

[3/6/2004 2:30:42 PM] [w2jc] the final answer was FALSE (I was tempted to put in the answer from Hitchhiker's Guide, but wasn't sure if it was 43 or what !!)

[3/6/2004 2:30:58 PM] [w2jc] so, let's evaluate what we see here

[3/6/2004 2:31:35 PM] [w2jc] 19330 IS greater than 22162

[3/6/2004 2:31:58 PM] [w2jc] but 22162 is not greater than 98456

[3/6/2004 2:32:12 PM] [w2jc] so the volume two days ago was a lot bigger than it is today

[3/6/2004 2:33:08 PM] [w2jc] now, i must admit that i'm on a little bit of thin ice here because i haven't written a pcf to try to do this this way... this example was a 'shortcut' that came to mind

[3/6/2004 2:33:37 PM] [w2jc] to be really basic, we should write each comparison separately

[3/6/2004 2:33:43 PM] [w2jc] SusanM wrote : 19330 is greater than 22162 ?????

[3/6/2004 2:34:10 PM] [w2jc] is this where i say "just trying to see who is awake"?? or do i admit that i'm "winging it" here? ;)

[3/6/2004 2:34:15 PM] [w2jc] .

[3/6/2004 2:34:29 PM] [w2jc] ok, let's do it the right way ...

[3/6/2004 2:34:50 PM] [w2jc] is the volume today bigger than yesterday? ( V ] V1 )

[3/6/2004 2:34:57 PM] [w2jc] we cant go wrong with that

[3/6/2004 2:35:13 PM] [w2jc] is the volume yesterday bigger than the day before?

[3/6/2004 2:35:35 PM] [w2jc] ( V1 ] V2 )

[3/6/2004 2:36:16 PM] [w2jc] we want BOTH of these to be true for a stock to be

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'passed' thru the filter

[3/6/2004 2:36:56 PM] [HOTTO] go4it has replied to: Concepts and Creation of PCFs

[3/6/2004 2:36:56 PM] [w2jc] so the 'logical' building block will be ( V ] V1 ) AND ( V1 ] V2 )

[3/6/2004 2:37:26 PM] [w2jc] if both of these 'conditions' are true the answer will be true; if either of them is not true, the answer will be false.

[3/6/2004 2:37:51 PM] [w2jc] btw, while we talk about logical pcfs ... there is also the OR operator

[3/6/2004 2:38:13 PM] [w2jc] if we replaced the AND with OR above, then EITHER of them being true would make the answer true

[3/6/2004 2:38:21 PM] [w2jc] .

[3/6/2004 2:38:32 PM] [w2jc] hope someone is serving dinner here !!

[3/6/2004 2:38:37 PM] [w2jc] .

[3/6/2004 2:39:11 PM] [w2jc] ok, now we have a building block for the first part of our question ... is the recent volume growing over the past three days?

[3/6/2004 2:39:57 PM] [w2jc] what about earlier volume? we have already looked back 2 days from today, so the low volume has to be the 3rd day back and earlier

[3/6/2004 2:40:10 PM] [w2jc] here you need to make some more decisions

[3/6/2004 2:41:12 PM] [w2jc] do you want to test the 3rd, 4th, 5th days back for low volume? how low? does each previous day have to be lower than the day after it?

[3/6/2004 2:41:27 PM] [w2jc] these are all important things you need to think about in order to write the formula...

[3/6/2004 2:41:56 PM] [w2jc] or perhaps you want to take an average volume over the past five days, starting on the 3rd day back?

[3/6/2004 2:42:28 PM] [w2jc] told you it was like explaining to a youngster what to do !!

[3/6/2004 2:43:26 PM] [w2jc] Peggylou wrote : CAN WE JUST HAVE VOLUME BELOW 50-DAY AVERAGE OR IS THAT A COMPLICATED thing to do?

[3/6/2004 2:43:48 PM] [w2jc] Peggylou... did you know how many worms were in the can when you opened it? ;)

[3/6/2004 2:44:35 PM] [w2jc] ok... volume on what day is below the 50 day average? how about we make this a bit simpler, or we'll be here all night ... let's find if

[3/6/2004 2:44:56 PM] [w2jc] today's volume is greater than the 50day average of volume... ok?

[3/6/2004 2:45:11 PM] [w2jc] V is the symbol for today's volume

[3/6/2004 2:45:31 PM] [w2jc] AVG is the 'operator' to calculate an average over a period of days

[3/6/2004 2:45:55 PM] [w2jc] AVGV50 should be the average volume over the past 50

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days

[3/6/2004 2:47:44 PM] [w2jc] sorry for the delay, i was just checking myself in the editor !! dont want to mislead you folks too much

[3/6/2004 2:48:19 PM] [w2jc] in the editor menu, Moving Average is the only average they offer, and that seems to automatically set it up for price C

[3/6/2004 2:49:15 PM] [w2jc] but i didnt get an error when i changed it manually to V instead of C ... so if you are going to click the menu, it looks like you can set up an average of anything using the Moving Average, but you will have to edit the C to whatever you are averaging after you get the symbol set up

[3/6/2004 2:49:50 PM] [w2jc] anyway, AVGV50 looks good for the 50day average of volume

[3/6/2004 2:50:32 PM] [w2jc] so V ] AVGV50 would say "today's volume is greater than the moving average of volume for the past 50 days"

[3/6/2004 2:50:51 PM] [w2jc] that will be our building block for the volume part of the question...

[3/6/2004 2:52:32 PM] [w2jc] ok, was just going back to review the original question

[3/6/2004 2:53:03 PM] [w2jc] PeggyLou wanted to find stocks going from low volume to increased volume and "had a recent low price"

[3/6/2004 2:53:18 PM] [w2jc] we've simplified the volume question and built a block for that

[3/6/2004 2:53:57 PM] [w2jc] now we need to clarify the price question... "had a recent low price" how low? compared to what? a dip in price?

[3/6/2004 2:54:18 PM] [w2jc] if i was your computer, those are questions i would have to ask in order to figure out what to do next !!

[3/6/2004 2:55:31 PM] [w2jc] so we'll have to pin things down a bit better .... maybe we want to find stocks that have been 'basing' for 30 days and highest high hasn't gone over 1.25

[3/6/2004 2:56:42 PM] [w2jc] fyi, i just drew on a piece of paper a horizontal line and marked off part of it and labelled it 30days

[3/6/2004 2:56:55 PM] [w2jc] and over the line another little line labelled 1.25

[3/6/2004 2:57:02 PM] [w2jc] just to keep the Concept clear

[3/6/2004 2:57:26 PM] [w2jc] and now to the right of the 30day line i will extend it just a little bit (for a day)

[3/6/2004 2:58:05 PM] [w2jc] let's say we want to see a rise in price by 5% over yesterday's price

[3/6/2004 2:58:31 PM] [w2jc] or more !

[3/6/2004 2:59:02 PM] [w2jc] so i drew a little line at an angle up and labelled it 'up 5%'



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[3/6/2004 2:59:12 PM] [w2jc] and we'll do that for one more day also  
[3/6/2004 2:59:37 PM] [w2jc] now we need to make the building blocks  
[3/6/2004 3:00:18 PM] [w2jc] i would work backwards from today, i think (that might change as we go along!! remember, i'm winging it here...)  
[3/6/2004 3:00:53 PM] [w2jc] we want today's closing price to be at least 5% higher than yesterdays closing price (again, good to write down exactly what you are looking for)  
[3/6/2004 3:01:02 PM] [w2jc] today's closing price is C  
[3/6/2004 3:01:11 PM] [w2jc] yesterday's closing price is C1  
[3/6/2004 3:01:53 PM] [w2jc]  $C = 1.05 * C1$  looks like it might do what we want  
[3/6/2004 3:02:16 PM] [w2jc] "C is greater than or equal to 1.05 times C1"  
[3/6/2004 3:02:40 PM] [w2jc] same thing for yesterday and the day before  
[3/6/2004 3:02:56 PM] [w2jc]  $C1 = 1.05 * C2$   
[3/6/2004 3:03:30 PM] [w2jc] how about the basing part? the way i specified it, we can use our old friend MAXH again  
[3/6/2004 3:04:00 PM] [w2jc] MAXH30 would find the VALUE of the highest high that occurred over 30 days  
[3/6/2004 3:04:26 PM] [w2jc] but we want to look over the 30 days starting the day before yesterday !!  
[3/6/2004 3:04:50 PM] [w2jc] so maybe MAXH30.2 looks right  
[3/6/2004 3:05:00 PM] [w2jc] cobralso wrote : Isn't  $C = 1.05 * C2$  Going down hill?  
[3/6/2004 3:06:28 PM] [w2jc] good you are asking these for all those too shy to ask !! we are TESTING for true/false answer to whether C is greater than (or equal) 5% more than C2  
[3/6/2004 3:07:18 PM] [w2jc] if C (today) is 12.55 and C2 (day before yesterday) was 9.33 then lets stick the numbers in (just like the Test in the editor would do)  
[3/6/2004 3:07:58 PM] [w2jc] btw, i didnt use  $C = 1.05 * C2$  anywhere ... but since that's what you asked i'll answer it that way  
[3/6/2004 3:08:51 PM] [w2jc]  $12.55 = 9.7965$   
[3/6/2004 3:09:16 PM] [w2jc] question is, is the above true?  
[3/6/2004 3:09:27 PM] [w2jc] yes, in this case it is  
[3/6/2004 3:10:23 PM] [w2jc] ok cobralso??  
[3/6/2004 3:10:58 PM] [w2jc] ok, back on track... we're working on a block for the basing section  
[3/6/2004 3:11:47 PM] [HOTTO] Punders has joined the club. Please welcome your new member.  
[3/6/2004 3:11:54 PM] [w2jc] MAXH30.2 will start looking two days ago, and will look over the 30 days before that and find the the highest daily high value

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[3/6/2004 3:13:15 PM] [w2jc] so how can we put all these together to describe what we started out looking for?

[3/6/2004 3:13:57 PM] [w2jc] first of all, we are making a 'logical' pcf ... there are several conditions ... and we want ALL of the conditions to be true for a true answer

[3/6/2004 3:14:31 PM] [w2jc] since we want ALL the conditions true, we will connect the blocks with AND

[3/6/2004 3:16:01 PM] [w2jc] so we get: ( C ]= 1.05 \* C1 ) AND ( C1 ]= 1.05 \* C2 ) AND ( MAXH30.2 [ 1.25 )

[3/6/2004 3:16:05 PM] [w2jc] .

[3/6/2004 3:17:09 PM] [w2jc] this is a good point to remind you that 'reading someone else's PCF' is very similar to what we've been doing, but just in reverse

[3/6/2004 3:18:39 PM] [w2jc] if the other person has been neat and careful and used ( ) to show the various building blocks, it makes it easier for you to read and figure out what they were trying to do

[3/6/2004 3:19:01 PM] [w2jc] when you see AND and OR they are 'intersection markers'

[3/6/2004 3:19:38 PM] [w2jc] they separate (and connect) the various building blocks

[3/6/2004 3:20:01 PM] [w2jc] we're just about done now... but let's un-make what we have and be sure it does what we wanted

[3/6/2004 3:20:36 PM] [w2jc] first block ... inside the ( ) ... today's price is higher or the same as yesterday's

[3/6/2004 3:20:54 PM] [w2jc] second block ... yesterday's price is higher or the same as day before

[3/6/2004 3:22:00 PM] [w2jc] third block ... the highest high over 30 day period starting three days ago is LESS THAN \$1.25

[3/6/2004 3:23:08 PM] [w2jc] here is a point where i'm not sure ... i'll have to go test it with real numbers ... maxh30.2 ... whether that includes the day before yesterday or not

[3/6/2004 3:24:00 PM] [w2jc] so for our example, it looks like we've done it !!

[3/6/2004 3:24:06 PM] [w2jc] .

[3/6/2004 3:24:33 PM] [w2jc] Stitch wrote : what happened to the increasing volume over the last few days that we wanted?

[3/6/2004 3:24:59 PM] [w2jc] good question stitch... we forgot about the first two building blocks we made, didn't we?

[3/6/2004 3:25:47 PM] [w2jc] as i recall, we simplified that to V ] AVGV50

[3/6/2004 3:26:07 PM] [w2jc] so we'll get some mortar and cement another block on our pcf

[3/6/2004 3:27:00 PM] [w2jc] George50 wrote : I get a false

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[3/6/2004 3:27:15 PM] [w2jc] George ... that will depend on which stock ticker you tested it on

[3/6/2004 3:28:07 PM] [w2jc] ok, i cant scroll back in my text buffer and copy what we had so let me type it all out again here so it is all in one place

[3/6/2004 3:28:10 PM] [w2jc] .

[3/6/2004 3:29:09 PM] [w2jc] ( C ]= 1.05 \* C1 ) AND ( C1 ]= 1.05 \* C2 ) AND ( MAXH30.2 [ 1.25 ) AND ( V ] AVGV50 )

[3/6/2004 3:29:12 PM] [w2jc] .

[3/6/2004 3:29:37 PM] [w2jc] i think that is accurate

[3/6/2004 3:30:06 PM] [w2jc] i suspect if we ran this on ALL STOCKS we would get very few that make it through the filter, since we've made some tight conditions

[3/6/2004 3:30:33 PM] [w2jc] SusanM wrote : Jim, I thought that the 1.25 had to do with finding a price that had based, not a price range.... So wouldn't you want the ending block to say ( MAXH30.2 [(C\* 1.25 )) ?

[3/6/2004 3:31:12 PM] [w2jc] no, susan... our original setup was that we didn't want the highest high to be more that 1.25 ... nothing to do with today's price C

[3/6/2004 3:31:34 PM] [w2jc] in this case, the 1.25 is a fixed dollar value that we chose in the beginning

[3/6/2004 3:32:04 PM] [w2jc] .

[3/6/2004 3:32:42 PM] [w2jc] we've been at this quite a while, but i think this was a good example to work with... not overly complex, but complex enough to offer some need to think about clarifying our intentions

[3/6/2004 3:32:59 PM] [w2jc] .

[3/6/2004 3:34:17 PM] [w2jc] how does Hotto do this all day and all night? ;) i'm getting a bit tired, but i think we should continue on with how to use the pcf after it has been built... anyone getting bored can drop off !!

[3/6/2004 3:35:15 PM] [w2jc] croy wrote : W2jc I see there was question of differentiating PCf from indicators ... Yes you can write an indicator like a PCf but keep in mind that in an indicator the formula will adapt to the time frame of the chart you attach it to ... So C1 in a formula that attach to a qhour chart will signify the close of the previous candle in 60 min

[3/6/2004 3:35:18 PM] [w2jc] croy wrote : On a 15 min chart the C1 will mean the close of the last completed candle in 15min

[3/6/2004 3:35:21 PM] [w2jc] croy wrote : etc...

[3/6/2004 3:36:01 PM] [w2jc] excellent info, croy ... thanks for reminding us of that

[3/6/2004 3:36:19 PM] [HOTTO] Luca has replied to: Concepts and Creation of PCFs

[3/6/2004 3:36:38 PM] [w2jc] maybe someone who has played enough with the Custom Indicators and the Visual Sorting can give us an afternoon like this in the

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future

[3/6/2004 3:36:49 PM] [w2jc] .

[3/6/2004 3:36:59 PM] [w2jc] George50 wrote : I ran it no all stocks and got only 3 and they were under 1.00

[3/6/2004 3:37:40 PM] [w2jc] like i said, i would expect very few to pass thru the filter !! not surprising they are all under \$1 since we limited the 'highest high' of the basing period to \$1.25

[3/6/2004 3:38:05 PM] [w2jc] can you tell us which 3 stocks you found, George? others are wanting to see if they get the same

[3/6/2004 3:38:34 PM] [w2jc] SwngTrdr wrote : Jim, did we test the formula? It tested false for me.

[3/6/2004 3:39:14 PM] [w2jc] again, what you get on TEST depends on which stock ticker you are testing on ... you can change the test ticker with the Change button in Test mode

[3/6/2004 3:39:54 PM] [w2jc] when George tells us the three stocks that got TRUE, you folks can switch your Test ticker to one of them and you should get a TRUE answer

[3/6/2004 3:40:05 PM] [w2jc] and .... the three stocks are ....

[3/6/2004 3:40:09 PM] [w2jc] ....

[3/6/2004 3:40:19 PM] [w2jc] MWAV FNT FTG

[3/6/2004 3:40:30 PM] [w2jc] George50 wrote : Yes one is over 1.00 but here they are MWAV..FNT..FTG

[3/6/2004 3:40:32 PM] [w2jc] Johnster wrote : tested false for me, too...

[3/6/2004 3:41:10 PM] [w2jc] Groundog wrote : I only got one MWAV

[3/6/2004 3:42:04 PM] [w2jc] groundog ... good chance for you to play with debugging the pcf !! put one of the other tickers in the test mode, then look at the values shown and see where it is false

[3/6/2004 3:42:28 PM] [w2jc] i have not tested here... too much else going on !!

[3/6/2004 3:42:35 PM] [w2jc] George50 wrote : MWAV looks interesting

[3/6/2004 3:42:39 PM] [w2jc] Golfermary wrote : same here just mwav

[3/6/2004 3:42:50 PM] [w2jc] Lindahg wrote : I have enter this PCF twice and it doesn't show up in the formulas. Can you tellme where it went?

[3/6/2004 3:43:28 PM] [w2jc] a tcnet bug i think... i've found that sometimes i have to close the window with the lists and reopen it .... OH, one more important thing i have to tell you

[3/6/2004 3:43:55 PM] [w2jc] the pcf might not show up in your list until you CALCULATE it ... because it has no values in it yet.

[3/6/2004 3:44:38 PM] [w2jc] after you write and save the pcf, click the Databank

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button (very top row of screen) then PCF (bottom line of drop window)

[3/6/2004 3:45:42 PM] [w2jc] and the first time you calculate the pcf, it's a good idea to check the little white box at lower left of that window... then click Calculate all PCFs

[3/6/2004 3:45:53 PM] [w2jc] after that, the new pcf should show up in the listing

[3/6/2004 3:45:54 PM] [w2jc] .

[3/6/2004 3:46:19 PM] [w2jc] RickW wrote : I read it the same way Susan did but I would write it  $\text{abs}(\text{maxh}30.2 - c) [= 1.25]$ .

[3/6/2004 3:47:13 PM] [w2jc] this refers back to our building block for finding the Basing range ... Rick - no need to use ABS here, also no need to subtract today's price...

[3/6/2004 3:47:57 PM] [w2jc] maxh30.2 will find a POSITIVE number (so far, no stocks pay us to buy them) equal to the highest high during the 30 day window

[3/6/2004 3:48:08 PM] [w2jc] and we want it to be less than the fixed value of 1.25

[3/6/2004 3:48:11 PM] [w2jc] .

[3/6/2004 3:48:28 PM] [w2jc] croy wrote : W2jc, I read everynight Hotto market watch and most pcf and sorts will give similar results but to this date I never got the A/D the same as Hotto .... Is it because I do it at the end of the evening and TCNet has adjusted for after hour trading ?

[3/6/2004 3:49:07 PM] [w2jc] croy -- you're doing better than i am ... i cant keep up with all the reading... as for the A/D, think you better catch Hotto in one of his chats to clear that up

[3/6/2004 3:49:15 PM] [w2jc] .

[3/6/2004 3:49:32 PM] [w2jc] George, you seem to be the onlyone that got three hits !!

[3/6/2004 3:49:34 PM] [w2jc] .

[3/6/2004 3:49:56 PM] [w2jc] loftyB wrote : Seems TCNet can't handle a PCF with increasing OBV and decreasing price:(

[3/6/2004 3:50:22 PM] [w2jc] Lofty -- guess we will just make a note of that one !! thanks

[3/6/2004 3:50:23 PM] [w2jc] .

[3/6/2004 3:51:04 PM] [w2jc] ok, from the responses it looks like most everyone already knows how to put the pcf to use ... it's described in the Report paper ...

[3/6/2004 3:51:14 PM] [w2jc] is there anyone left who wants me to go thru it?

[3/6/2004 3:51:45 PM] [w2jc] Stitch wrote : I think the confusion here is that PeggyLou's original question didn't mention a fixed price (of 1.25) you must have added it. She wanted increasing volume from a base of any price

[3/6/2004 3:52:29 PM] [w2jc] yes stitch... in the course of developing the example, we had to make some decisions on what to look for as the original request was

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somewhat 'nebulous' ;)

[3/6/2004 3:52:44 PM] [w2jc] .

[3/6/2004 3:52:58 PM] [w2jc] mstrader wrote :

$myobv = Cum(V * ((H - O) / (H - L))) - Cum(V * ((O - L) / (H - L)))$ ; I saw this formula at one of the websites posted by someone at Hotto club. Can we do cumulative totals in PCF?

[3/6/2004 3:53:36 PM] [w2jc] clearing some of the earlier queue -- i cant' answer that mstrader ... above my skill level at the moment !!

[3/6/2004 3:53:38 PM] [w2jc] .

[3/6/2004 3:53:42 PM] [w2jc] HappyG wrote : Could you give the PCF for a Fibonacci buy retracement of 62% looking at the low and the high price within the last 100 days ?

[3/6/2004 3:54:21 PM] [w2jc] this would be good for a group project in the PCF club channel !! judging how long it took for today's example, this was a bit too complex for the class

[3/6/2004 3:54:23 PM] [w2jc] .

[3/6/2004 3:54:27 PM] [w2jc] CFurgie wrote : if you could go through how to write a pcf to get a crossover of 2 different stochastics, that would be terrific

[3/6/2004 3:54:29 PM] [w2jc] loftyB wrote : How about a PCF for negative/positive OBV divergence

[3/6/2004 3:54:46 PM] [w2jc] sorry guys, we didnt get to these

[3/6/2004 3:54:47 PM] [w2jc] .

[3/6/2004 3:55:07 PM] [w2jc] cuidado wrote : to answer croy, Hotto's A/D comes from eSignal, I believe, and is the REAL A/D based on all NYSE-listed stocks. TCNet includes only a subset of all NYSE-listed stocks in their database so the TCNet and hotto A/Ds never actually.

[3/6/2004 3:55:22 PM] [w2jc] .

[3/6/2004 3:55:35 PM] [w2jc] cuidado wrote : Does this PCF necessarily find a recent low price? Bbecause it doesn't relate MAXH30.2 to any higher price, i.e., MAXH30.2 [= 1.25 could be a stock's 52-week high

[3/6/2004 3:56:30 PM] [w2jc] hmmm... we did not look for a dip in the example that finally evolved ... we had to narrow down the criteria of what we were looking for... "a recent low price" is too ambiguous to program

[3/6/2004 3:57:21 PM] [w2jc] i set up the example for what seemed like a likely scenario. ... a low price stock basing for a month and then starting to break out to upside by at least 5% for two days in a row

[3/6/2004 3:57:31 PM] [w2jc] .

[3/6/2004 3:57:44 PM] [w2jc] really wrote : Have you found a way to use IF...Then using boolean logic with PCF's?

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[3/6/2004 3:58:04 PM] [w2jc] nope... IF ... THEN not supported in this version..  
maybe next year !!

[3/6/2004 3:58:06 PM] [w2jc] .

[3/6/2004 3:58:10 PM] [w2jc] Bobtrader wrote : how do you run a sort a second time  
on same list

[3/6/2004 3:59:11 PM] [w2jc] do you mean "sort a sorted list" ?? dont think you can ...  
my suggestion would be to make an EzScan ... i think there is a way to sub-sort the  
sort list, but i haven't played with it enough to explain it

[3/6/2004 3:59:13 PM] [w2jc] .

[3/6/2004 3:59:16 PM] [w2jc] dagwood wrote : re, the "Report Paper" fantastic job.  
Have it printed and will find it as a needed guide as I continue to use these tools.  
Thanking you greatly.

[3/6/2004 3:59:30 PM] [w2jc] thanks... glad it's helpful

[3/6/2004 3:59:32 PM] [w2jc] .

[3/6/2004 4:00:03 PM] [w2jc] ok, the queue is empty !!!

[3/6/2004 4:00:40 PM] [HOTTO] This channel is no longer a moderated auditorium

[3/6/2004 4:00:40 PM] [croy] you get a ratio of obv change on price change ... If OBV  
is building while Price is going down it will be negative

[3/6/2004 4:00:53 PM] [croy] Now as far as the size of the ratio is concerned, the  
larger the better ... On the opposite if OBV is dieing on a rising price the ratio will be  
still negative but value will be small ....

[3/6/2004 4:01:16 PM] [w2jc] Janet informed me that Hotto has a bad headache  
today and will not be around for the evening ... everyone think good thoughts his way  
and give him a night off

[3/6/2004 4:01:21 PM] [croy] wow ... started typing in a moderated so begining is lost

[3/6/2004 4:01:29 PM] [croy] sorry guys

[3/6/2004 4:01:35 PM] [cuidado] re:bobtrader's question... wouldn't you just have to  
save the results of the first sort as a new watchlist? Using this technique you apply as  
many criteria as you want...or put them all into an EzScan...

[3/6/2004 4:01:38 PM] [jbs] Thank you w2cj, very helpful!

[3/6/2004 4:01:44 PM] [Stitch] Thanks Jim, that was great! your tutorial's PCF at the  
end found 90% good set up for shorts

[3/6/2004 4:01:57 PM] [croy] So again ... for loftyB on OBV I created a variant of  
Hotto's PPC3

[3/6/2004 4:02:13 PM] [croy] Signed PPC3 :  $100 * (C - C3) / C3$  gives the PPC3  
preserving the direction of the move + is up - is down

[3/6/2004 4:02:23 PM] [kenard] Thanks for all your work today ;)

[3/6/2004 4:02:24 PM] [croy] Signed OPC3 :  $100 * (OBV1 - OBV1.3) / ABS(OBV1.3)$

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gives the OPC3 negative mean reducing OBV positive mean building OBV

[3/6/2004 4:02:38 PM] [croy] If you do OPC3/PPC3 that is  $((OBV1 - OBV1.3) / ABS(OBV1.3)) / ((C - C3) / C3)$

[3/6/2004 4:02:55 PM] [Peggylou] Thanks again, w2jc, for your paper and your lesson today. I especially thank you for tackling my pcf question. Will work on refining it using the tools you taught me.

[3/6/2004 4:03:00 PM] [croy] you get a ratio of obv change on price change ... If OBV is building while Price is going down it will be negative

[3/6/2004 4:03:10 PM] [croy] Now as far as the size of the ratio is concerned, the larger the better ... On the opposite if OBV is dieing on a rising price the ratio will be still negative but value will be small ....

[3/6/2004 4:03:16 PM] [croy] Thanks wj2c

[3/6/2004 4:03:32 PM] [George50] I have learned more here than I have at the 3 4 four Worden's seminars

[3/6/2004 4:03:48 PM] [w2jc] thanks to you all for sticking through the afternoon... now you can spend all evening playing !!

[3/6/2004 4:03:49 PM] [SCB51] Thanks wj2c

[3/6/2004 4:04:20 PM] [Stitch] Jim, George's comment is what it's all about, you are the greatest!!!:D

[3/6/2004 4:04:23 PM] [mstrader] ty w2jc

[3/6/2004 4:04:56 PM] [Golfermary] Thanks - very helpful!! Hope your hands don't cramp!

[3/6/2004 4:05:12 PM] [Stitch] w2jc, your patience and ability to explain things in simplistic terms is truly a gift.

[3/6/2004 4:05:32 PM] [RickW] Thanks Jim.

[3/6/2004 4:05:51 PM] [w2jc] many years of experience, stitch !! ten years teaching high school kids electronics hones the patience !!

[3/6/2004 4:06:01 PM] [lhooker] thanks for such clear explanations... this was very helpful!

[3/6/2004 4:06:25 PM] [cuidado] Jim, thanks for your paper and the many other contributions you make.

[3/6/2004 4:07:40 PM] [crester] w2jc you do a fantastic job! very educational. thanks

[3/6/2004 4:07:53 PM] [jerry99] Thanks w2jc

[3/6/2004 4:07:55 PM] [Stitch] I got this in test window, MWAV true, i have to debug, found 0 stocks in easyscan ( 1.12 ]= 1.05 \* 1.02) AND (1.02 ]= 1.05 \* 0.91) AND (1.24 [ 1.25) AND ( 346.00 ] 308.40 )

[3/6/2004 4:08:05 PM] [cuidado] It seems that a really essential feature that's missing from TCNet is the ability to attach documentation to PCFs, scans, custom indicators,



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etc.

[3/6/2004 4:08:30 PM] [w2jc] just a simple ; to make a comment line would be really handy

[3/6/2004 4:08:40 PM] [Stitch] cuidado, that would be great, at least with the shared watchlists, the person can name it so everybody knows what it does

[3/6/2004 4:08:50 PM] [cuidado] absolutley, Jim

[3/6/2004 4:09:29 PM] [w2jc] ok folks, i have to go finish the Elliott Wave chart sets now !!

[3/6/2004 4:09:49 PM] [Stitch] bye Jim

[3/6/2004 4:09:51 PM] [nitrobbob] Thanks Jim, big help!

[3/6/2004 4:09:51 PM] [cuidado] s'long

[3/6/2004 4:10:29 PM] [Bobtrader] Thanks Jim

[3/6/2004 4:10:38 PM] [George50] I change the 1.23 to 3.00 and really got some interessting results

[3/6/2004 4:10:48 PM] [Stitch] anybody see what i did wrong? ( C ]= 1.05 \* C1) AND (C1 ]= 1.05 \* C2) AND (MAXH30.2 [ 1.25) AND ( V ] AVGV50 )

[3/6/2004 4:10:49 PM] [George50] 1.25

[3/6/2004 4:11:00 PM] [cobralso] TY Jim It's been real :)

[3/6/2004 4:12:17 PM] [Rex] w2jc, I want to add my hearty thanks to those of the others for the many contributions you have made and for the PCF Report and this chat. All have been most useful.

[3/6/2004 4:12:45 PM] [George50] (C ]= 1.05 \* C1) AND (C1 ]= C2) AND (MAXH30.2 [ 3.00) AND (V ] AVGV50) this is what I used

[3/6/2004 4:14:03 PM] [George50] I got 17 stocks with it

[3/6/2004 4:14:18 PM] [Stitch] what did you use to find the 3 stocks?

[3/6/2004 4:15:02 PM] [George50] the [ 3.00 was [1.25

[3/6/2004 4:15:44 PM] [Stitch] ok, thanks

[3/6/2004 4:18:00 PM] [mstrader] I changed from 5% (1.05) to 2%(1.02) and got 4 stocks. DCZ LTS FNT and MWAV

[3/6/2004 4:19:58 PM] [George50] I really like what I am seeing with this scan

[3/6/2004 4:21:10 PM] [George50] some stocks have been in a down trend and looks like they are starting up will fun to watch what happens

[3/6/2004 4:22:00 PM] [George50] Changeing to 5.00 gave me 35 swtocks

[3/6/2004 4:25:30 PM] [mstrader] With w2jc's scan, for under \$2 I got ANCC up 54% on Friday.

[3/6/2004 4:28:40 PM] [George50] look at the 5 min chart on that wow

[3/6/2004 4:37:16 PM] [cuidado] stitch, still here?

[3/6/2004 4:38:53 PM] [SusanM] w2jc - thanks for your time and your lessons. Much

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appreciate all of the generous sharing here.

[3/6/2004 4:45:28 PM] [George50] Susan thanks to you---you started this whole thing and now I have some very interesting swtocks to look at you too huh?

[3/6/2004 4:46:12 PM] [George50] I type on a loptop and fingers are too big

[3/6/2004 4:47:18 PM] [SusanM] Yes, laptops are fabulous, with just a few "small" drawbacks.

[3/6/2004 4:47:26 PM] [SusanM] :)

[3/6/2004 4:52:05 PM] [George50] up in price and volume

[3/6/2004 4:56:42 PM] [George50] I called in Increasing volume over past x days

[3/6/2004 4:57:20 PM] [George50] I think it is 3 daqys it looks back 3 days

[3/6/2004 4:58:11 PM] [George50] I need to get a big keyboard

[3/6/2004 5:22:01 PM] [Nipsy331] .

[3/6/2004 6:45:33 PM] [dwells129] ,

[3/6/2004 7:09:37 PM] [Groundog] .

[3/6/2004 10:57:28 PM] [HOTTO] Lvu2 has replied to: Concepts and Creation of PCFs

[3/6/2004 11:37:15 PM] [w2jc] at this time, all the weekly Elliott Wave Analyzer chart sets have been updated at <http://www.elliottwaves.us> -- these include: Major Indexes, DJ-30 stocks, MG Sectors, SirPoolPlayer & Ycc & w2jc watchlists and 1400+ stocks.

[3/6/2004 11:39:18 PM] [bmweyrauch] w2jc - thanks for your presentation this afternoon