The New Sudoku Players' Forum Search... Sponsored by Enjoy Sudoku The hardest sudokus (new thread) 1330 posts • Page 29 of 89 • 1 ... 26 27 28 29 30 31 32 ... 89 Search "QUOTE champagne **Re: The hardest sudokus (new thread)** 2017 Supporter by **champagne** » Thu Jun 07, 2012 11:19 am Posts: 7269 Joined: 02 August 2007 the file of potential hardest puzzles has shown it had a cut-off to high for the search done on exotic patterns used to solve such puzzles. Location: France Brittany I prepared in the skfr google project the entire file of puzzles rating (skfr) 10.0 and more I had available warning: that file contains all the puzzles I used as seed in my search including already known (see the readme file) 5million puzzles file QUOTE Re: The hardest sudokus (new thread) 2010 Supporter ☐ by **RW** » Tue Jul 03, 2012 9:55 am Posts: 1010 Another front page puzzle by AI in my morning paper claiming to be the new world's hardest Joined: 16 March 2006 8......36....7..9.2..5..7.....457....1...3..1...68..85...1..9...4.. ER only 10.7, q1 95991 and q2 97638. Can't get suexrat on my 64-bit system (is there any way to use this program under win7 64?). Doesn't seem hard enough to make the hardest database anyway. Is this even a new puzzle, or has it been posted here before? "QUOTE Re: The hardest sudokus (new thread) champagne 2017 Supporter by champagne » Tue Jul 03, 2012 10:08 am Posts: 7269 does not seem to be part of the 5 millions puzzles file Joined: 02 August 2007 Location: France Brittany champagne QUOTE Re: The hardest sudokus (new thread) 2012 Supporter □ by **ronk** » Tue Jul 03, 2012 12:31 pm Posts: 4764 Joined: 02 November 2005 **66** RW wrote: Location: Southeastern USA Another front page puzzle by AI in my morning paper claiming to be the new world's hardest 8......36.....7..9.2...5...7......457.....1...3...1....68..85...1...9....4.. ER only 10.7, q1 95991 and q2 97638. And an overlay of <1368>-jellyfish for 23 exclusions at the start reduces the ER from 10.7 to 9.0. **CODE: SELECT ALL** base \ ----- cover -----1r3459\c19 + r3c6 +(r4c5)+ r4c7 + r5c2 + r9c5 + r9c6 3r3459\c149 + r3c6 + r4c5 + (r4c7)+ r5c2 + r9c5 + r9c6 6r3459\c139 + (r3c6)+ r4c5 + r4c7 + r5c2 + r9c5 + r9c6 8r3459\c48 + r3c6 + r4c5 + r4c7 + r5c2 + r9c5 + r9c6 "(rMcN)" indicates cell void of candidate logic set pastable into Xsudo: Show "QUOTE Re: The hardest sudokus (new thread) 2017 Supporter by champagne » Tue Jul 03, 2012 3:56 pm Posts: 7269 Joined: 02 August 2007 **66** ronk wrote: Location: France Brittany **66** RW wrote: Another front page puzzle by AI in my morning paper claiming to be the new world's hardest 8......36....7..9.2...5...7......457....1...3...1....68..85...1...9....4.. ER only 10.7, q1 95991 and q2 97638. And an overlay of <1368>-jellyfish for 23 exclusions at the start reduces the ER from 10.7 to 9.0. Interesting point that I did not check So we have now a puzzle with an "exotic pattern" identical to what has been found in our file of "potential hardest" QUOTE Re: The hardest sudokus (new thread) David P Bird 2010 Supporter by David P Bird » Wed Jul 04, 2012 8:23 am Posts: 1043 Joined: 16 September 2008 Location: Middle England **66** champagne wrote: So we have now a puzzle with an "exotic pattern" identical to what has been found in our file of "potential hardest" [Edit] What follows is mistaken - I should have double checked it. Please check out that puzzle with this one: 98.7..6.....96.......5.7....94...3.4......287....6...8.7...2....3...1....5;9470;GP;cy4;1235; which you published <here> If found this completely by chance as I recognised the multi-fish Shark pattern it needed as being familiar. I think the solution grids are morphs of one another, but I haven't the tools to analyse the similarities between the givens further. DPB Last edited by David P Bird on Wed Jul 04, 2012 9:50 am, edited 1 time in total. ٥ "QUOTE Re: The hardest sudokus (new thread) champagne 2017 Supporter by champagne » Wed Jul 04, 2012 8:56 am Posts: 7269 Joined: 02 August 2007 **66** David P Bird wrote: Location: France Brittany 66 champagne wrote: So we have now a puzzle with an "exotic pattern" identical to what has been found in our file of "potential hardest" Please check out that puzzle with this one: 98.7..6.....96.......5.7....94...3.4......287....6...8.7...2....3...1....5;9470;GP;cy4;1235; which you published <here> If found this completely by chance as I recognised the multi-fish Shark pattern it needed as being familiar. I think the solution grids are morphs of one another, but I haven't the tools to analyse the similarities between the givens further. DPB I checked for a possible morph, but it is not unless my canonicalisation process is bugged. After that, I don't see clearly what I can do. champagne "QUOTE Re: The hardest sudokus (new thread) David P Bird 2010 Supporter by **David P Bird** » Wed Jul 04, 2012 9:45 am Posts: 1043 champagne, sorry for wasting your time, it was my mistake. I had two instances of my helper spreadsheet running but through my bad typing both were using the same input source. Joined: 16 September 2008 Location: Middle England DPB ٥ "QUOTE Re: The hardest sudokus (new thread) **champagne** 2017 Supporter by champagne » Sat Jul 07, 2012 3:23 pm Posts: 7269 Joined: 02 August 2007 66 David P Bird wrote: Location: France Brittany champagne, sorry for wasting your time, it was my mistake. I had two instances of my helper spreadsheet running but through my bad typing both were using the same input source. DPB no problem David. I had not yet introduced in my solver the use of multi_fishes. It's done now. here is the start for the last "AI claimed to be the new world's hardest" as noticed ronk, after that, the most difficult step is in serate a dynamic contradiction chain **Hidden Text: Show** EDIT changed initial table (PM limited to floors) and print of Truths Links changed 23 eliminations and not 22 Last edited by champagne on Sun Jul 08, 2012 4:33 pm, edited 2 times in total. "QUOTE Re: The hardest sudokus (new thread) ronk 2012 Supporter □ by **ronk** » Sun Jul 08, 2012 11:44 am Posts: 4764 Joined: 02 November 2005 **66** champagne wrote: Location: Southeastern USA 16 Truths = {3R1368 4R1368 5R1368 9R1368 } 16 Links = {1c136 3c6 4c38 8c8 9c136 3n6 4n57 5n2 9n56 } Dyslexia? 띟 \bigcirc "QUOTE **champagne** 2017 Supporter Re: The hardest sudokus (new thread) by champagne » Sun Jul 08, 2012 12:54 pm Posts: 7269 Joined: 02 August 2007 **66** ronk wrote: Location: France Brittany **66** champagne wrote: 16 Truths = {3R1368 4R1368 5R1368 9R1368 } 16 Links = {1c136 3c6 4c38 8c8 9c136 3n6 4n57 5n2 9n56 } Dyslexia? 띝 I must agree that Allan put digits first and rows or columns after the letter. This is against my own logic, but I have to stick to Allan's rules I looked at old posts to see what is done for a mix of sets rows and columns. It seems that here the form 1368R3459 would be correct for the sets, but I am no sure. I'll adjust the code and revise the post above. Do you have the expected form for a mix of rows and columns in Truths or links 0 QUOTE Re: The hardest sudokus (new thread) ronk 2012 Supporter □ by **ronk** » Sun Jul 08, 2012 2:29 pm Posts: 4764 Joined: 02 November 2005 **66** champagne wrote: Location: Southeastern USA Do you have the expected form for a mix of rows and columns in Truths or links Separate terms are required. **66** champagne wrote: It seems that here the form 1368R3459 would be correct for the sets, but I am no sure. I've witten that form and Xsudo reads it just fine, even though it doesn't write it. **66** champagne wrote: I must agree that Allan put digits first and rows or columns after the letter. This is against my own logic ... Row number(s) before the letter 'r'? AFAIK no one does that! What are you smoking? "QUOTE Re: The hardest sudokus (new thread) daj95376 2014 Supporter □ by daj95376 » Sun Jul 08, 2012 4:03 pm Posts: 2624 While champagne is updating his post: Joined: 15 May 2006 **66** champagne wrote: 22 eliminationss 1r1c9 1r2c1 1r2c9 3r1c4 3r1c9 3r7c1 3r7c4 3r8c1 3r8c9 6r1c3 6r1c9 6r6c1 6r6c3 6r6c9 6r8c1 8r2c8 4r3c6 2r4c5 9r4c7 2r5c2 27r9c5 2r9c6 23 eliminationss 1r1c9 1r2c1 1r2c9 3r1c4 3r1c9 3r7c1 3r7c4 3r8c1 3r8c9 6r1c3 6r1c9 6r6c1 6r6c3 6r6c9 6r8c1 8r2c8 4r3c6 2r4c5 9r4c7 2r5c2 27r9c5 2r9c6 QUOTE **champagne** 2017 Supporter **Re: The hardest sudokus (new thread)** by champagne » Sun Jul 08, 2012 4:14 pm Posts: 7269 Joined: 02 August 2007 **66** daj95376 wrote: Location: France Brittany While champagne is updating his post: **66** champagne wrote: 22 eliminationss 1r1c9 1r2c1 1r2c9 3r1c4 3r1c9 3r7c1 3r7c4 3r8c1 3r8c9 6r1c3 6r1c9 6r6c1 6r6c3 6r6c9 6r8c1 8r2c8 4r3c6 2r4c5 9r4c7 2r5c2 27r9c5 2r9c6 23 eliminationss 1r1c9 1r2c1 1r2c9 3r1c4 3r1c9 3r7c1 3r7c4 3r8c1 3r8c9 6r1c3 6r1c9 6r6c1 6r6c3 6r6c9 6r8c1 8r2c8 4r3c6 2r4c5 9r4c7 2r5c2 27r9c5 2r9c6 the post is updated, the fix has been easier than expected, this is a counting mistake, the number of eliminations was not in my print I missed the double digit in r9c5 I'll add the count in my print to avoid the same mistake later thanks QUOTE Re: The hardest sudokus (new thread) 2012 Supporter by **ronk** » Tue Jul 17, 2012 9:02 pm Posts: 4764 Andrew Stuart has proposed the number of *quads backdoors* of maximum size as a new metric for difficult puzzles. Joined: 02 November 2005 Location: Southeastern USA "Quads backdoors" means, in addition to the backdoors guesses, the techniques used are singles, locked candidates, naked and hidden subsets (pairs, triples, and quads). Display posts from previous: All posts ✓ Sort by Post time ✓ Ascending ✓ Go Previous Next : POSTREPLY ⊭ 1330 posts • Page 29 of 89 • 1 ... 26 27 28 29 30 31 32 ... 89 Return to General **∨** Go Jump to: General Powered by phpBB® Forum Software © phpBB Group

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