The New Sudoku Players' Forum ر...Search Sponsored by Enjoy Sudoku The hardest sudokus (new thread) POSTREPLY ∠ Search this topic... 1330 posts • Page 41 of 89 • 1 ... 38 39 40 41 42 43 44 ... 89 QUOTE Re: The hardest sudokus (new thread) **Paquita** by **Paquita** » Tue Nov 20, 2018 9:32 am Posts: 3 Joined: 11 November 2018 After a rocky start I now am busy trying to find hard sudokus. So far, I found this (SE rates) 98.7....7...6.9....5...9.7.5....6.8...4.3.6....2....1.5...7.4....6....3....1.2.. 11.7;11.7;6.6 Thanks to champagne for learning me some things I needed, like the canonical form. I also found some with probable lower rates, that I yet have to rate with SE, those may follow in a later post QUOTE champagne Re: The hardest sudokus (new thread) 2017 Supporter by **champagne** » Thu Dec 06, 2018 11:08 am Posts: 7269 I prepared a new update of the data base Joined: 02 August 2007 Location: France Brittany as for all new files , that update is in my "google drive space" with the name ph\_807.zip the link to that storage place is here The file contains now 2 048 264 puzzles (1 959 402 in the former release) The main facts in between are: . the cleaning of wrong entries out of files sent by David Filmer in a format open to manual errors in the updating process (I fell in the trap) . entry of a new supplier paquita. Again, some difficulties at the start to be in the right format, but the 133 added puzzles have been carefully checked. paquita additions rate 11.4 to 11.8, (1x11.8 2x11.7). . several additions out of private cache in the recent pattern games (Dobrichev, Robbie, Papy999 and me) . update of the transfer of games puzzles . Addition in the 26 clues area made by me the count per clue in the data base is now the following CODE: SELECT ALL clues CompteDeclues 21 10960 +18 22 88276 +237 393651 +597 704724 +1893 445719 404613 The 24 clues area has been reasonably searched, a lot of work has still to be done with 25 26 clues to reach the same level. The count per er is the following **CODE: SELECT ALL** er CompteDeer 11.9 9 11.8 54 11.6 252 +62 11.5 614 +32 11.4 1505 +79 11.3 8907 +307 The top entries have been cleaned from wrong additions and "paquita" added new puzzles and the combined table is the following CODE: SELECT ALL clues 20 21 23 25 26 24 11.9 1 15 29 11.7 31 51 16 11.6 1 38 52 51 87 17 6 46 101 159 177 90 41 11.4 1 30 305 396 361 173 140 629 1123 2195 2416 1109 1434 11.2 6 991 2721 5507 6707 3004 3459 11.1 12 1267 5106 16430 23194 11861 10532 21 3148 9493 24759 32958 16262 15613 Note: The file is not yet seen in the google drive, I try to understand why EDIT solved, once more a silent lock of a process by a pending windows 10 update QUOTE **Re: The hardest sudokus (new thread)** champagne 2017 Supporter by **champagne** » Mon Dec 10, 2018 1:48 am Posts: 7269 Warning for the use of the last PH files: Joined: 02 August 2007 Location: France Brittany Testing the brute force on the files recently uploaded I have seen a problem in the canonical values. The main file "01 file" is correct, The canonical form (02index) is wrong(1% of the content), likely in lots extracted on my side from ACCESS (I know how this can appear) I'll clean the data base and produce a next update beginning of 2019. "QUOTE Re: The hardest sudokus (new thread) champagne 2017 Supporter by champagne » Mon Jan 07, 2019 7:11 am Posts: 7269 A announced earlier I prepared a new update of the data base Joined: 02 August 2007 Location: France Brittany as for all new files , that update is in my "google drive space" with the name ph\_1901.zip the link to that storage place is <u>here</u> The file contains now 2 105 149 puzzles (2 048 264 in the former release done one month ago) The main reasons for this new release after one month are the following: a) By chance, doing a test on the brute force, I discovered that an old lot was processed with a text delimiter causing a wrong canonical form. I discarded the corresponding records and added the proper records. Meantime, some morphs of the old puzzles had been added, so the redundant puzzles disappeared. b) paquita, the new supplier came with puzzles rating on the high side, it was interesting to publish them before my 3 months interruption of this task. And I added some puzzles with 26 clues, the area where I searched recently. Due to the redundant discarded puzzles, the tables below can show surprising values. the count per clue in the data base is now the following CODE: SELECT ALL clues Count 21 10961 +1 87995 -281 390377 -3274 24 699589 -5135 25 435017 -10702 26 480919 +76306 here it is clear that the redundant puzzles were mainly in the 24/25 clues area The count per er is the following CODE: SELECT ALL er count 54 11.8 119 +3 11.7 286 +34 11.6 11.5 703 +89 11.4 1630 +125 11.3 9353 +446 The changes in the highest entries are mainly dues to paquita additions and partly offset by the redundancy cleaning and the combined table is the following CODE: SELECT ALL 24 25 26 clues 20 21 11.9 11.8 15 29 31 51 17 53 11.6 1 38 55 95 36 209 127 46 46 104 171 11.5 11.4 130 308 404 406 234 148 630 1128 2222 1245 1615 991 5497 6682 2908 12 1267 5100 16413 23095 11606 12123 11.1 21 9484 24785 3149 33016 16164 17928 "QUOTE Re: The hardest sudokus (new thread) by **ssxssxs** » Mon Mar 04, 2019 11:14 pm two of my 11.8 **CODE: SELECT ALL** SSXSSSXS 00100000203000405060002070000000500000807010009030000007060008040000090800000200ED=11.8/11.8/10.7 0102000003000040500000607001005000400080000904000300009900600020400010000080007ED=11.8/1.2/1.2 Posts: 168 Joined: 22 January 2014 QUOTE Re: The hardest sudokus (new thread) champagne 2017 Supporter by champagne » Tue Mar 05, 2019 1:41 pm Posts: 7269 the 11.8/11.8/11.7 seems new. Joined: 02 August 2007 Location: France Brittany "QUOTE Re: The hardest sudokus (new thread) coloin □ by **coloin** » Thu Mar 07, 2019 1:37 am Posts: 2225 Joined: 05 May 2005 Location: Devon ssxssxs wrote: CODE: SELECT ALL 00100000203000405060002070000000500000807010009030000007060008040000090800000200ED=11.8/11.8/10.7 ahhh shame its not symetrical - otherwise you could enter the pattern in the patterns game .... 👻 well done .... QUOTE Re: The hardest sudokus (new thread) by **tarek** » Thu Mar 07, 2019 8:31 pm 66 coloin wrote: **66** ssxsssxs wrote: Posts: 3759 Joined: 05 January 2006 CODE: SELECT ALL 001000002030004050600020700000005000008070100090300000007060008040000090800000200ED=11.8/11.8/10.7 ahhh shame its not symetrical - otherwise you could enter the pattern in the patterns game .... 👻 well done .... Are you being cryptic? **CODE: SELECT ALL**  $..5. \dots ..7. \dots 1..83. \dots ..9. \dots .28. \dots .9..4 \dots 6.8 \dots .7. \dots 2.\dots 1..4.5 \dots 3..2 \dots .76\dots$ "QUOTE Re: The hardest sudokus (new thread) □ by **ssxsssxs** » Sat Mar 09, 2019 2:58 am 66 coloin wrote: **66** ssxssxs wrote: Posts: 168 Joined: 22 January 2014 CODE: SELECT ALL 001000002030004050600020700000005000008070100090300000007060008040000090800000200ED=11.8/11.8/10.7 ahhh shame its not symetrical - otherwise you could enter the pattern in the patterns game ....  $\stackrel{f \Theta}{=}$ well done .... i think it is symetrical. Re: The hardest sudokus (new thread) QUOTE □ by **ssxsssxs** » Fri Mar 29, 2019 1:11 am patterns game 0344 is the same with the second one of my post in the-hardest-sudokus-new-thread-t6539-600.html#p275842 SSXSSSXS Posts: 168 Joined: 22 January 2014 QUOTE Re: The hardest sudokus (new thread) mysdk by **mysdk** » Mon Apr 15, 2019 10:27 am Posts: 2 Joined: 15 April 2019 ssxssxx wrote: two of my 11.8 CODE: SELECT ALL 001000002030004050600020700000005000008070100090300000007060008040000090800000200ED=11.8/11.8/10.7 01020000030000405000006070010050004000800000904000300009000600020400010000080007ED=11.8/1.2/1.2 The second puzzle is more difficult than the previous. "QUOTE Re: The hardest sudokus (new thread) champagne 2017 Supporter by champagne » Mon May 06, 2019 10:33 am Posts: 7269 I prepared a new update of the data base Joined: 02 August 2007 Location: France Brittany as for all new files , that update is in my "google drive space" with the name ph\_1905.zip the link to that storage place is here The file contains now 2 135 371 puzzles (2 105 149 in the former release done one month ago) Not a big increase in volume, but interesting contributions in the top part of the data base. one contributor ssxsssxs "SSX" with a 11.8 11.8 10.7 but mostly during last year additions from paquita "PAQ" a relatively silent member of the forum with now 151 puzzles rating 11.6 and more with a 11.8 10.6 and the first 11.8 with 24 clues. With a contribution of 30983 entries, paquita is now the third contributor to the data base. the count per clue in the data base is now the following CODE: SELECT ALL clues Count 21 11005 +44 22 88531 +536 23 393612 +3235 24 709032 +9443 25 449086 +14069 26 483459 +2540 The count per er is the following **CODE: SELECT ALL** er count 11.9 11.8 58 +4 11.7 121 +2 11.6 329 +43 11.5 901 +198 11.4 2077 +447 11.3 12100 +2747 The changes in the highest entries are mainly dues to paquita's additions and the combined table is the following CODE: SELECT ALL 26 20 21 22 23 24 25 11.9 1 30 11.8 16 10 12 39 60 60 102 11.5 48 110 192 292 211 48 11.4 132 329 485 570 407 154 1 1213 2500 11.3 634 3311 2564 1853 996 2748 5707 7404 3913 4119 5470 19048 30750 23049 11.1 12 1292 3189 10017 28017 42447 30210 20462 with the new 11.8/24 clues from paquita QUOTE Re: The hardest sudokus (new thread) by **Obi-Wahn** » Sun Aug 04, 2019 11:05 am Hi, champagne, I was checking your latest database against mine to see if there are any new puzzles scoring at least jellies in my rating system. In the process I noticed that a bunch of puzzles labeled as GP 13\_10 are missing in your database. I use my own normalizing function to compare puzzles and find isomorphs and I'm pretty sure they aren't included anymore. So I did a little research and found that after the january cleanup the numbers in your index file skip from 1150324 to 1208173 and that's the area where the missing puzzles were located. Posts: 63 Joined: 05 January 2007 Location: Darmstadt, Germany Is there a chance that you accidentally removed puzzles that weren't duplicates? btw, I found 78 new entries for my database which contains now 2085 puzzles, but sadly no new stars appeared. They still linger at 20. QUOTE Re: The hardest sudokus (new thread) 2017 Supporter by **champagne** » Sun Aug 04, 2019 11:14 am Posts: 7269 Joined: 02 August 2007 **66** Obi-Wahn wrote: Location: France Brittany Hi, champagne, 6 I was checking your latest database against mine to see if there are any new puzzles scoring at least jellies in my rating system. In the process I noticed that a bunch of puzzles labeled as GP 13\_10 are missing in your database. I use my own normalizing function to compare puzzles and find isomorphs and I'm pretty sure they aren't included anymore. So I did a little research and found that after the january cleanup the numbers in your index file skip from 1150324 to 1208173 and that's the area where the missing puzzles were located. Is there a chance that you accidentally removed puzzles that weren't duplicates? btw, I found 78 new entries for my database which contains now 2085 puzzles, but sadly no new stars appeared. They still linger at 20. Hi Obi-whan, I think that this was the second cleaning done on old lots coming out of my generation. To make it simple in the transfer from my Access working data base to the Potential hardest data base, there is a window for a handling error. The result is a wrong canonical form, and a risk of redundant puzzles. I have been caught at least twice. The redundant puzzles have been cleaned and the still valid removed/replaced to have the correct canonical form. QUOTE Re: The hardest sudokus (new thread) by **Obi-Wahn** » Sun Aug 04, 2019 11:57 am Yes, I did understand that. But you said that the error only affected 02\_index.txt. But now there are some puzzles missing from 01\_file1.txt that would still belong there, because they aren't redundant. For example: CODE: SELECT ALL 98.7..6..75.....9...6....74..8...5.....6...3.....21...7.9...4...9.3...2.....1...;11.40;11.40;10.40;GP;13\_10;1150446;23; Joined: 05 January 2007  $9..8..7...8..6..5...4..3..88..9....2.7....1....3..4....2...8.6....5....7....1.4..; 11.30; 11.30; 10.70; GP; 13\_10; 1150328; 23; 12.30; 12.30; 12.30; 13.30$ Location: Darmstadt, Germany 98.7..6..75..9.....4.....5...7.8....3...4.....2..14......3.9..6.5....51...2.;11.30;11.30;10.50;GP;13\_10;1150449;23; 98.7....6...9.8....5..4...7.....8..9..3.7....2....1.6..7.3.....5....4....1.2.;11.30;1.20;1.20;GP;13\_10;1150356;22; 98.7..6..75..4.....3..9...8...5.7....2...6.....3..16......4.9..7.8....1...2.;11.30;1.20;1.20;GP;13\_10;1150447;23; 98.7....65...4...3.6..9.7..6..9...5.3..2....7.1.4.8..5.....12..3......;11.20;11.20;9.80;GP;13\_10;1150360;23; 98.76...5...48...3...7.6...7.5...5.....72...1.4..8.9...1...3....2.;11.20;1.20;1.20;GP;13\_10;1150452;22; 98.7....6...9.5....4..3...7..5..6......2..3......6..1.9.6..8....1.....2.....2.4.;11.10;11.10;7.90;GP;13\_10;1150352;22; 98.7..6..75.....9...6.9....5..8...4...8.3...2.....1....4.9...5.....6...3.....21..;10.70;10.70;3.40;GP;13\_10;1158371;23;\* I copied these from the ph\_1812 01\_file1.txt. 0 Display posts from previous: All posts ▼ Sort by Post time ▼ Ascending ▼ Go Previous 1330 posts • Page 41 of 89 • 1 ... 38 39 40 41 42 43 44 ... 89 POSTREPLY ⊯

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