

The hardest sudokus (new thread)

POSTREPLY

Search this topic...

Search

1330 posts • Page 23 of 89 • 1 ... [20] [21] [22] 23 [24] [25] [26] ... [89]

Re: The hardest sudokus (new thread)

Dby champagne » Sat Sep 10, 2011 6:50 am

dobrichev wrote:
Hi champagne,

Your solver is impressive.

champagne wrote:
If you are interested in knowing more about my own solver, I can develop

I downloaded version labeled "Version: V1.0.0 dated June 24th 2011", and after some reverse engineering found the basic command line syntax. It runs about 30-200 times faster than SE, processing a batch of 300K non-average puzzles in 1h 23'.

Some basic documentation is welcome. It is up to you in choosing where or whether to open a discussion.

Cheers,
MD

QUOTE

champagne
2017 Supporter

Posts: 7269
Joined: 02 August 2007
Location: France Brittany

QUOTE

SudoQ
Posts: 39
Joined: 09 September 2011

Re: The hardest sudokus (new thread)

Dby SudoQ » Sat Sep 10, 2011 3:05 pm

Hi champagne,

I saw that your program could be downloaded.
Embarrassing enough, I haven't managed to find where.
I would really like to try it!

/SudoQ

QUOTE

champagne
2017 Supporter

Posts: 7269
Joined: 02 August 2007
Location: France Brittany

Re: The hardest sudokus (new thread)

Dby champagne » Sat Sep 10, 2011 3:21 pm

SudoQ wrote:
I saw that your program could be downloaded.
Embarrassing enough, I haven't managed to find where.

QUOTE

SudoQ
Posts: 39
Joined: 09 September 2011

Again, to be quite clear, this is not my solver, but skfr, the "quasi clone" of Sudoku explainer rating subroutine "serate" in construction as explained here.

http://forum.enjoysudoku.com/cloning-sudoku-explainer-thru-tagging-t30132.html

The code is located in google database and work as a "team project"
It can be accessed with that link

http://code.google.com/p/skfr-sudoku-fast-rating/

Getting a copy of my solver is not a problem but would require preliminary private discussions.

champagne

QUOTE

SudoQ
Posts: 39
Joined: 09 September 2011

Re: The hardest sudokus (new thread)

Dby SudoQ » Sun Sep 11, 2011 9:36 am

Hi champagne,

I have tried to send a private message but do not have permission to do that.

/SudoQ

QUOTE

champagne
2017 Supporter

Posts: 7269
Joined: 02 August 2007
Location: France Brittany

Re: The hardest sudokus (new thread)

Dby champagne » Sun Sep 11, 2011 9:50 am

SudoQ wrote:
Hi champagne,

I have tried to send a private message but do not have permission to do that.

/SudoQ

QUOTE

Pat
Posts: 3977
Joined: 18 July 2005

re: can't send PM

Dby Pat » Sun Sep 11, 2011 11:55 am

it seems members can't send PM
until they've made several posts
(i don't know what's the threshold)

QUOTE

JasonLion
2017 Supporter

Posts: 642
Joined: 25 October 2007
Location: Silver Spring, MD, USA

Re: The hardest sudokus (new thread)

Dby JasonLion » Sun Sep 11, 2011 2:39 pm

You need to have three posts to be able to send private messages.

QUOTE

Pat
Posts: 3977
Joined: 18 July 2005

Dby Pat » Sun Sep 11, 2011 2:42 pm

so it was his 3rd post where he reported inability to send PM,
and the next time he tried -- he suddenly was able to send PM

QUOTE

SudoQ
Posts: 39
Joined: 09 September 2011

Re:

Dby SudoQ » Sun Sep 11, 2011 6:24 pm

Pat wrote:
so it was his 3rd post where he reported inability to send PM,
and the next time he tried -- he suddenly was able to send PM

QUOTE

dobrichev
2016 Supporter

Posts: 1831
Joined: 24 May 2010

41-given non-minimal 10.4

Dby dobrichev » Mon Sep 12, 2011 7:58 pm

Here is one non-minimal puzzle with 999911111 digit distribution.

CODE: SELECT ALL
.6..12.34.13.74.2.2.43..1...2.314..13.4..8.24..2...13.21.4.3...4..932.13..12..45 10.4/10.4/10.0

Here are its 23-clue minimals - 11111-part fixed, non-givens fixed, 9999-part minimized.
(First 5 of them have reduced rating).
Edit: as mentioned by Mauricio and champagne, the first 5 are not minimals from the same seed, sorry.

Hidden Text: Show

Last edited by dobrichev on Mon Sep 12, 2011 9:10 pm, edited 1 time in total.

QUOTE

Mauricio
Posts: 1175
Joined: 22 March 2006

Re: Minimals with reduced rating

Dby Mauricio » Mon Sep 12, 2011 8:58 pm

dobrichev wrote:
Here are its 23-clue minimals - 11111-part fixed, non-givens fixed, 9999-part minimized. First 5 of them have reduced rating.

CODE: SELECT ALL
.6.....3.7..2.2.43..1.....314..1..4..8.2...2.....3.....9...3.81...45 ED= 9.3/1.2/1.2
.6.....3.7..2.2.43..1.....2.314..1..4..8.....2.....3.....9...3.81...45 ED= 9.2/1.2/1.2
.6.....7..2.2.43..1.....14..13.4..8.2...2.....3.....9...3.81...45 ED= 9.3/1.2/1.2
.6.....7..2.2.43..1.....2..14..13.4..8.....2.....3.....9...3.81...45 ED= 9.2/1.2/1.2
.6.....9.....7.....2.43..1.....14..13.4..8.2...2.....3.....9...3.81...45 ED= 9.3/1.2/1.2

Those 5 puzzles are not minimals of the original (8@9c3 not in original puzzle), otherwise, nice findings.

QUOTE

champagne
2017 Supporter

Posts: 7269
Joined: 02 August 2007
Location: France Brittany

Re: Minimals with reduced rating

Dby champagne » Mon Sep 12, 2011 9:02 pm

dobrichev wrote:
Here is one non-minimal puzzle with 999911111 digit distribution.

CODE: SELECT ALL
.6..12.34.13.74.2.2.43..1...2.314..13.4..8.24..2...13.21.4.3...4..932.13..12..45 10.4/10.4/10.0

Here are its 23-clue minimals - 11111-part fixed, non-givens fixed, 9999-part minimized. First 5 of them have reduced rating.

CODE: SELECT ALL
.6.....3.7..2.2.43..1.....314..1..4..8.2...2.....3.....9...3.81...45 ED= 9.3/1.2/1.2
.6.....3.7..2.2.43..1.....2.314..1..4..8.....2.....3.....9...3.81...45 ED= 9.2/1.2/1.2
.6.....7..2.2.43..1.....14..13.4..8.2...2.....3.....9...3.81...45 ED= 9.3/1.2/1.2
.6.....7..2.2.43..1.....2..14..13.4..8.....2.....3.....9...3.81...45 ED= 9.2/1.2/1.2
.6.....9.....7.....2.43..1.....14..13.4..8.2...2.....3.....9...3.81...45 ED= 9.3/1.2/1.2

These 5 can not be a minimal form of the seed
They have an extra digit '8'

But that 10.4 with so many digits is amazing

champagne

QUOTE

dobrichev
2016 Supporter

Posts: 1831
Joined: 24 May 2010

Re: The hardest sudokus (new thread)

Dby dobrichev » Mon Sep 12, 2011 9:25 pm

Hi Mauricio and champagne,

Thank you for the correction.

Is this puzzle still a candidate for best non-diamond (silicon)?

Cheers,
MD

QUOTE

dobrichev
2016 Supporter

Posts: 1831
Joined: 24 May 2010

more non-minimals

Dby dobrichev » Mon Sep 12, 2011 9:49 pm

Here are several non-minimals rated 10+.
All they have postponed hard step after 48-th given (9999911110 digit distribution).

Hidden Text: Show

MD

QUOTE

coloin
Posts: 2225
Joined: 05 May 2005
Location: Devon

Re: The hardest sudokus (new thread)

Dby coloin » Mon Sep 12, 2011 10:19 pm

Well it may have come from a fruitless discovery

but there sure are a lot of seeds in these non-minimals 🤔

C

Previous

Display posts from previous: All posts Sort by Post time Ascending Go

Next

POSTREPLY

Return to General

Jump to: General Go

Powered by phpBB® Forum Software © phpBB Group

PHPBB SEO.COM

