

5 + 1

POPEYE

shells

5-th international chess composition festival

Marianka 31.7.2013 - 4.8.2013

Marián Križovenský

5 non Popeye programs



1. Alybadix (160.-€)
2. VKSach (free)
3. Problemiste (25.-€)
4. Winchloe (100/200.-€)
5. Gustav 3.2 (59.-€)

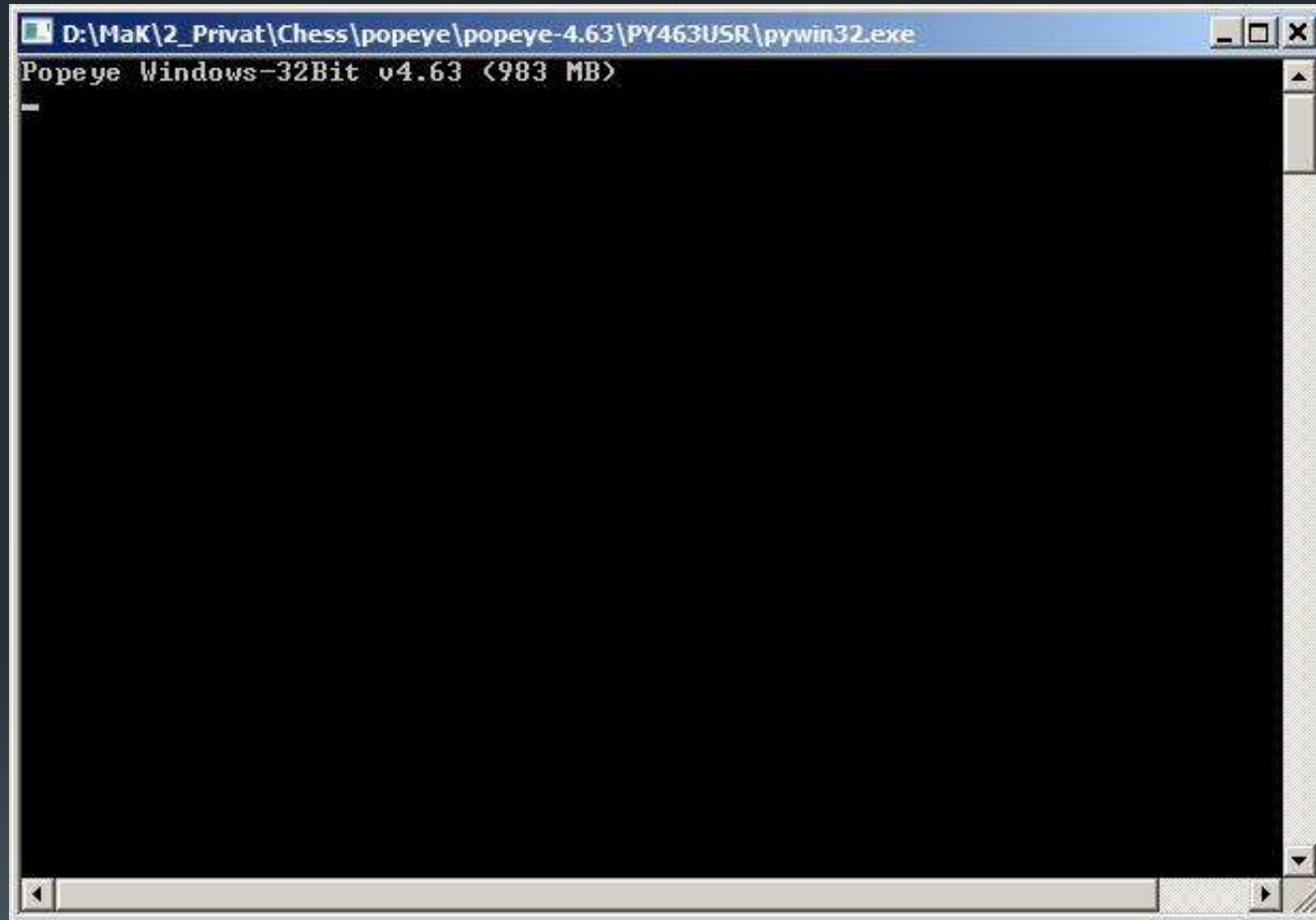
5 Popeye shells



1. Fancy (freeware)
2. Olive-gui (freeware)
3. APwin (freeware)
4. Chessdiagrammer (basic freeware, Professional version 45.-€)
5. Ankona (freeware)

This is Popeye!

check
chess



<http://sourceforge.net/projects/popeye-chess/>

5 + 1 Popeye shells

Popeye 4.63 release notes



New fairy conditions

- Circe Take&Make (aka Anti-Take&Make)
- Magic square type 2
- Marine Chess and Ultramarine Chess
- SuperGuards
- Wormholes

New fairy pieces

- Marine Knight
- Marine Pawn
- Marine Ship
- Poseidon

Fancy



- verzia 2.9 | version – 2.9
- Autor | autor: Marek Kwiatkowski
- cena | price – freeware
- vývoj skončil | developing closed
- WEB stránka zrušená | WEB site canceled
- zadávanie pozície – pohodlné | comfortable position entering
- import z iných programov | import from others programs (Problemiste (*.pbm))
- výstup diagramov len ako obrázkov + Popeye text | only pictures print output + Popeye text (*.jpg, *.bmp, *.txt)
- neumožňuje prerušiť riešenie Popeye! | not possible break solution!
- FancyPub – html verzia | FancyPub - html version
- animácia riešenia: nie je | animation of solution: not

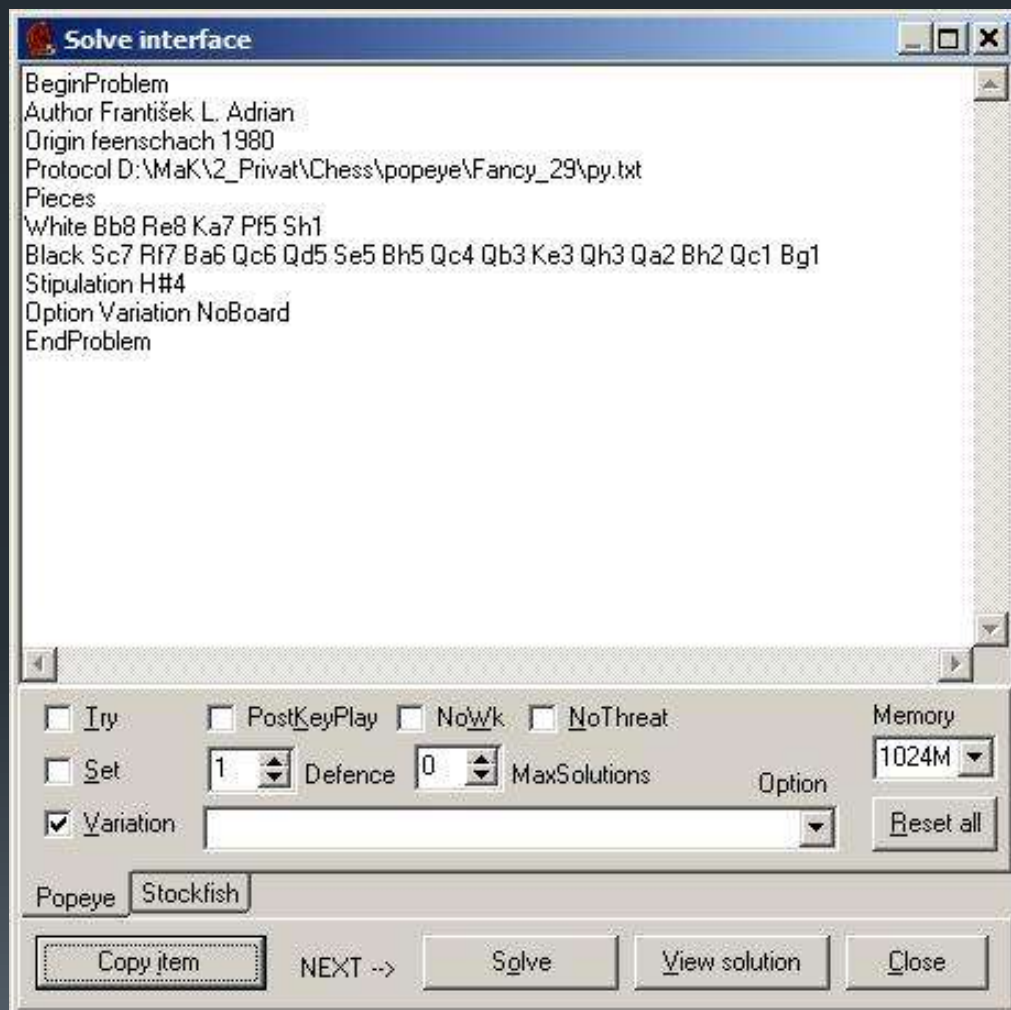
Fancy

check
chess



5 + 1 Popeye shells

Fancy



Olive gui



- verzia | version – 0.13.6
- Autor | autor: Dmitrij Turevskij (Mihail Croitor, Borislav Galjanski, Torsten Linß)
- pozor, existuje aj program Olive! | look out, is also Olive program!
- cena | price – opensource, freeware
- skladateľsky najvhodnejší | most usable for composers
- zadávanie pozície – pohodlné | comfortable position entering
- WEB: <http://code.google.com/p/olive-gui/>
- import z iných programov | import from others programs (Fancy, Problemiste (*.pbm))
- export do rozšírených a používaných formátov | export to other used formats (*.doc, *.rtf, *.ttf, *.pdf, *.jpg, *.bmp,...)
- výstup: obrázky, text, FEN notácia, diagram - veľmi dobré
| print output: pictures, text, FEN notation, diagrams – very good
- animácia riešenia: nie je | animation of solution: not
- Olive je otvorený systém s grafickým rozhraním pre Popeye a YACPDB
| Olive is a free open source cross-platform graphical front-end for Popeye and YACPDB

Olive gui

check
chess

Adrian_H#4.olv (D:/MaK/2_Privat/Chess/Marianka_2013_prednaska) [Saved] - olive 0.13.6

File Edit Popeye Help

1B2R3/K1n2r2/b1q5/3qnP1b/2q5/1q2k2q/q6b/2q3bN

H#4 5+15

František L. Adrian
feenschach, 1980
Intelligent 1

Info Pieces

Popeye Solution Metadata YAML RTF Chest

BeginProblem
Stipulation H#4
Option Variation NoBoard Intelligent 1
Pieces
white Sh1 Pf5 Re8 Bb8 Ka7
black Qc6d5c4b3h3a2c1 Sc7e5 Rf7 Ba6h5h2g1
Ke3
EndProblem

Stipulation: Intended solutions:
H#4
Edit solution

	Authors	Source	Date	Distinction	Stipulation	Pieces count
1	František L. Adrian	feensch...	1980		H#4	5+15

5 + 1 Popeye shells

Olive gui

check
chess

Options and conditions

Options | Conditions: AMU - BLA | BLA - GHO | GLA - NOR | OWU - WHI | WHI - WOR

☐ Try	☐ EnPassant	☐ WriteGrid
☐ Defence 0	☐ CastlingMutuallyExclusive	☐ KeepMatingPiece
☐ SetPlay	☐ NoBoard	☐ LastCapture
☐ Threat 0	☐ NoShortVariations	
☐ WhiteToPlay	☐ HalfDuplex	
☐ Variation	☐ PostKeyPlay	
☐ MoveNumbers	☐ NonTrivial 0 0	
☐ StartMoveNumber 0	☒ Intelligent 1	
☐ NoWk	☐ MaxTime 0	
☐ NoBk	☐ NoCasting	
☐ Duplex	☐ Quodlibet	
☐ NoThreat	☐ StopOnShortSolutions	
☐ MaxSolutions 0	☐ Beep	
☐ MaxFlightsquares 0	☐ SuppressGrid	

OK Cancel

5 + 1 Popeye shells

APwin



- verzia | version: v2012.04
- autor | autor : P.H. Wiereyn
- súčasť | part of Alybadix/Fairybadix
- Vyvinul pred rokmi Ilkka Blom | - it has been developed already a long time ago by Ilkka Blom
- cena | price – freeware
- zadávanie pozície – neobratné | uncomfortable position entering
- príliš veľké okno na obrazovku, nedá sa zmenšiť | to big window for display, impossible make smaller
- WEB: <http://alybadix.viuhka.fi/apwin/apwin.htm>
- import z iných programov – žiadny | import from others programs – none
- export do rozšírených a používaných formátov | export to other used formats (PGN)
- výstup: len obrázky | print output: only pictures
- animácia riešenia: čiastočná | animation of solution: partly

APwin

check
chess

Popeye + YAML screen

normal men (click for info)

clear square
1 = King = K
2 = Queen = Q
3 = Rook = R
4 = Bishop = B
5 = Knight = S
6 = Pawn = P

☒ white/bl. men
☐ neutral men
☒ abbreviations

nr. + total opened problems
1/1

name problem
A-Pop5

protocol
C:\Aly\Popeye\Data\A-Pop5.txt

author
František L. Adrian

title

origin
Feenschach 1980

date

distinction

stipulation (select 1 or more of A/E)

B: clear
SER-
PSE-
PHSE-
SEM-
REC-

C: clear
H = help
S = self
R = reflex
HS = helps.
HR = help.

D: clear

'##'
'###'
'=='
'!=

E: clear

'##'
'###'
'=='
'!=

alternative stipulation

F: clear
dia
a=>b
SER-dia
SER-a=>b

number of moves
4

moves before: >

white/black/neutral
5/15/0

circle conditions

clear selection(s)
AntiCirce Cheylan
AntiCirce RexInclusiv
AntiCirce
AntiMarsAntipodeanCirce RexInclusiv

other conditions (1 or more may be selected)

clear selection(s)
ActuatedRevolvingBoard
ActuatedRevolvingCentre
AlphabeticChess
AMU
AndernachChess

option (1 or more may be selected)

EnPassant
HalfDuplex
Intelligent
KeepMatingPiece
LastCapture
NoBoard NoThreat Intelligent

open problem(s)
previous problem
solve problem(s)

save 1 problem
next problem
solution screen

clear problem(s)
defaults + help
APWIN screen

click here + press char. (1x or more) to select

1,1-Zigzag Nightrider = S1
1,5-Leaper = 15 = Ibis
1,6-Leaper = 16 = Flamingo
2,0-Zigzag Nightrider = S2
2,4-Leaper = 24 = Lancer
2,5-Leaper = 25 = Korsar
3,3-Zigzag Nightrider = S3
3,5-Leaper = 35
3,6-Leaper = 36
3,7-Leaper = 37
4,0-Zigzag Nightrider = S4
Alfil = AL = 2+2
Amazon = AM = S&Q
Andernach Grasshopper = AG = Chopper
Antelope = AN = 3+4
Archbishop = AR
Berolina Pawn = BP
Berolina Superpawn = BS
Bishop = B

men after selected attribute get relative property

clear selection(s)
Chameleon = CH
Functionary = FU
HalfNeutral = HA
HurdleColourChanging = HU
Jigger = JI
Kamikaze = KA
Magic = MA
Paralysing = PA
Protean = PR
Royal = RO
Volage = VO
Uncapturable = UN

stipulation
h#4

twin:
each twin
new line

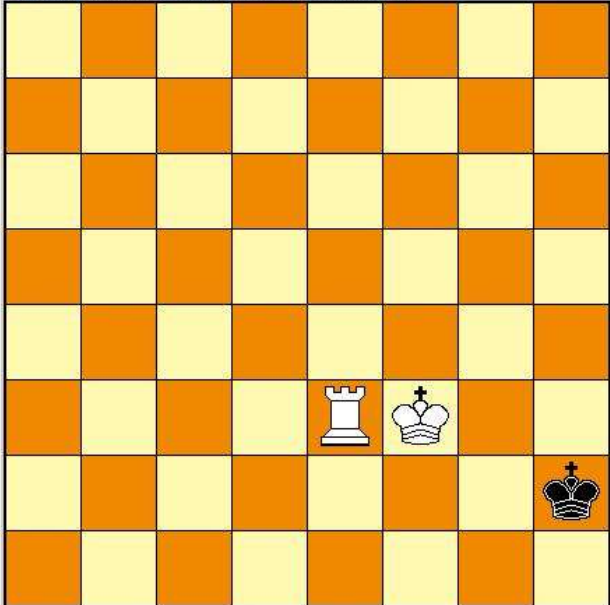
remark
(comm-
ents)

5 + 1 Popeye shells

APwin

check
chess

Solution screen/Lösungschirm/Oplossingscherm



1.Kf3-f2!
1...Kh2-h1
2.Re3-h3#
1.Re3-e1!
1...Kh2-h3
2.Re1-h1#
solution finished.Time = 0.016 s

Protocol A-Pop3
Author MaK
Origin name: Aly_MaK-3
White Re3 Kf3
Black Kh2
Stipulation #2
Option NoBoard NoThreat Variation
Popeye Windows-32Bit v4.61 (896 MB)

line re prev. next solve search 6 diagrams print solut. return 1

Predhaska_2013.brt - N... Solution screen/Lös...

5 + 1 Popeye shells

APwin

check
chess

APwin V2012.04 + Popeye

File Clipboard Board View text + save Config Deutsch/English/Nederlands Help

text re problems
click HERE, to show list of men

```

notat.: PSLIDKGN
probl.: Názov
white:  Ke1 Dd1 Ta1 Lc1 Sb1 Pa2 A
black:  Ke8 Dd8 Ta8 Lc8 Sb8 Pa7 A
neutr.: Block f4f5 Imitator h4h5
stipul.: #2
spec.:  tree
endpr.:
    
```

white/ black men neutral men abbreviations

problem name	Názov	total pr.
problem number	1	1

file with problems Názov

nr. of moves 2

options white/black

checking

(no) capture of

no castling

promotion to

title1: author

cond.

f=#flights b.King

x=#moving b.men

y=#black moves

z=re option y

q=quick mode

click white field

var. depth (plies)

intelligent -1 +1 255

en passant

mate sqrs

clear options

Arena Popeye

select a genre

Helpmate
Mate
Reflexmate
Selfmate
Series Helpmate
Series Mate

additional genres clear

.....Instead of 'Mate'

.....Ideal/Model/Pin-ideal

.....Madras/Madras-RI

.....Helpself/Rec/Semi

.....1-way/No-capt../Chr/E

.....Anti-Koko/Koko

.....Maximummer etc.

.....Circe

No setplay

☐ Alybadix ☒ Fairybadix

info re variations

☒ var only ☐ key only

☐ threats ☐ threat+var.

☒ all variations ☐ King guards K

☐ duals ☐ try test

☐ dualfree var. ☒ use tree

movement men clear problem(s)

ordering men 6 diagrams scr.

previous problem next problem

solve 1 probl. solve all probl.

solution screen search screen

#2 (30/30/4)

Prednaska_2013.txt - N... APwin V2012.04 + Po... IrfanView

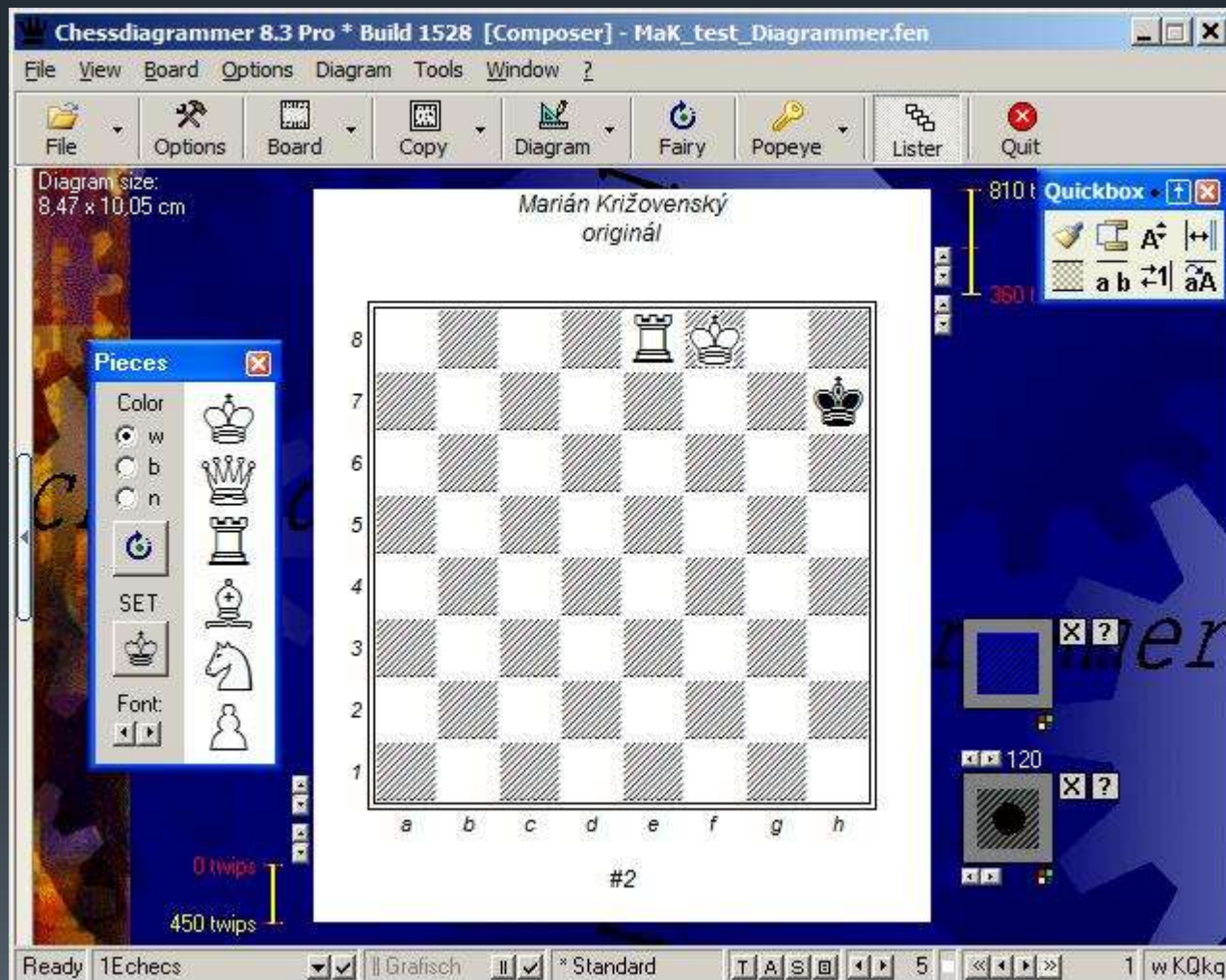
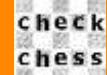
5 + 1 Popeye shells

Chessdiagrammer



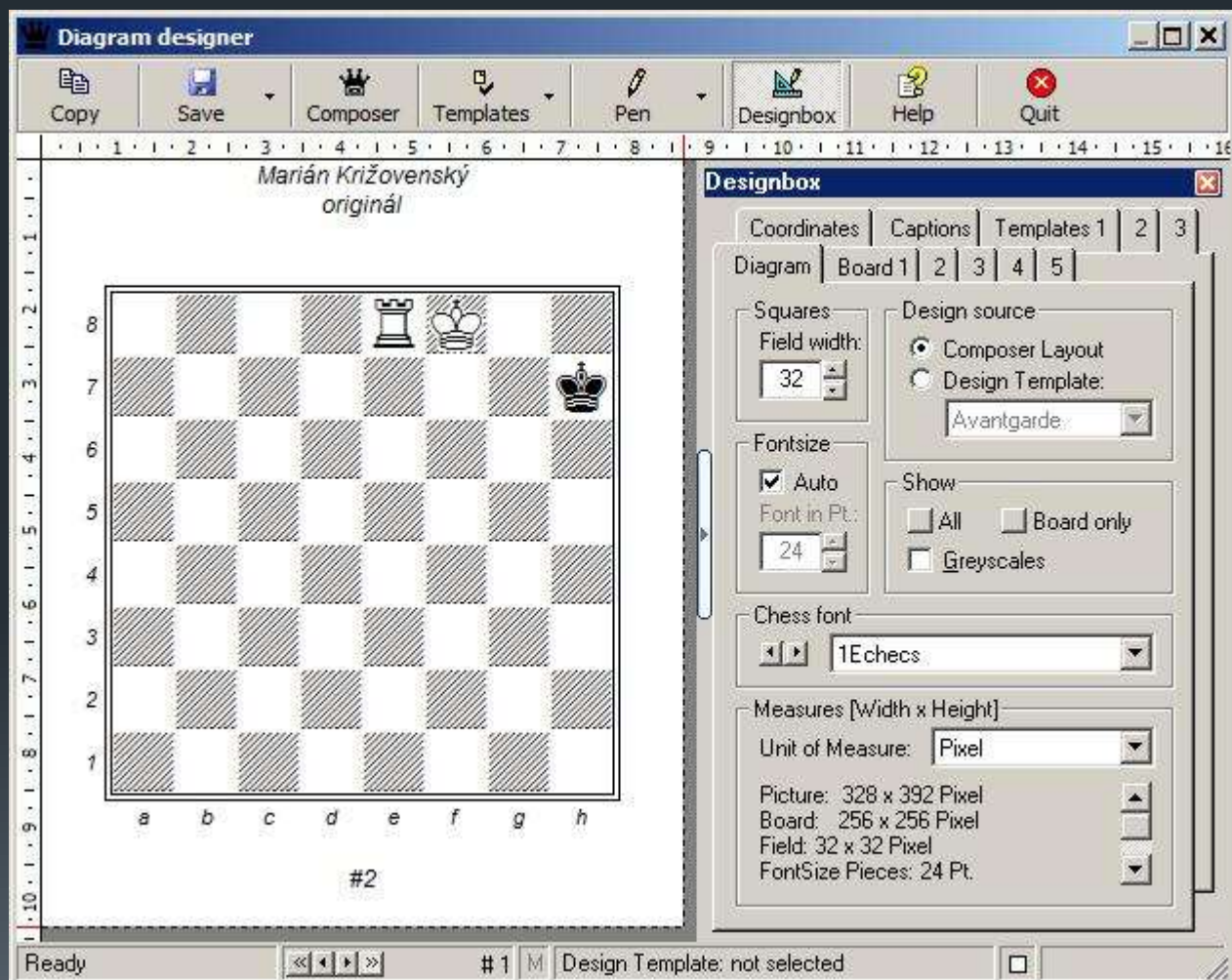
- verzia | version 8.3
- autor | autor: Ekkehard May
- unikol pozornosti V. Kotěšovca - nemá odkaz na svojej stránke
| got away of attention V. Kotěšovec – missed on his WEB site
- cena | price – Basic version freeware, Professional version 45.-€, updates 0.-€ (v rámci 1 verzie | within 1 version) /15.-€ (prechod na vyššiu verziu | version upgrade)
- zadávanie pozície – vo free verzii nejde zadať exo kamene
| position entering – in free version are not possible fairy pieces
- veľmi dobrý help! | very good help!
- najkomplexnejší, ale príliš komplikovaný na používanie
| most comprehensive but too complicated for use
- WEB: <http://www.chessdiagrammer.com/>
- import z iných programov rozsiahly | import from others programs – extensive (Fancy, Problemiste, ...)
- export do iných formátov | export to other formats (PGN, FEN)
- výstup: obrázky, text | print output: pictures, text
- animácia riešenia: nie je | animation of solution: not

Chessdiagrammer



5 + 1 Popeye shells

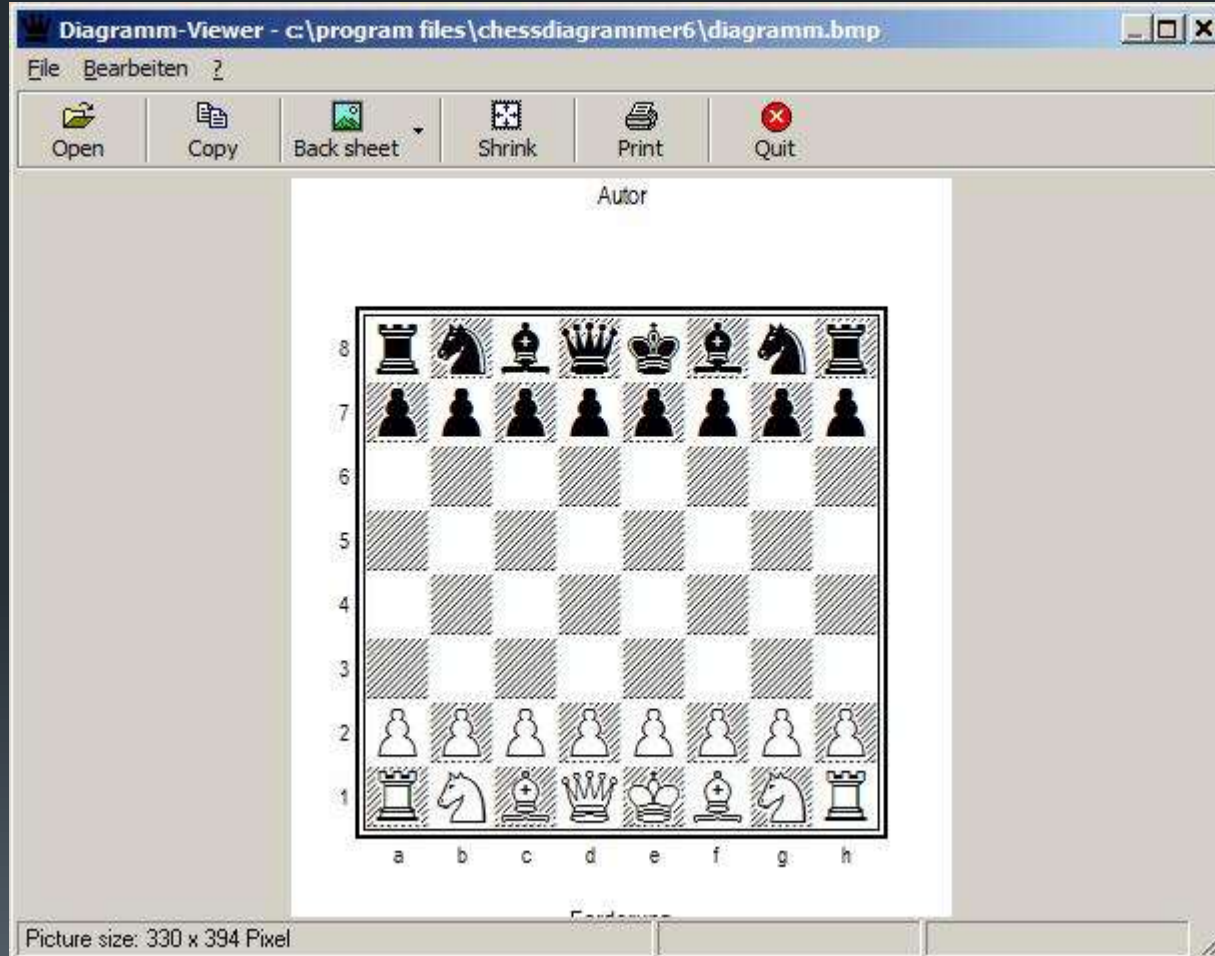
Chessdiagrammer



5 + 1 Popeye shells

Chessdiagrammer

check
chess



5 + 1 Popeye shells

Chessdiagrammer

check
chess

Popeye - Problem Solving Engine [Version: 4.61 - 32-Bit - Status: OK]

Solving runs... 00:01:03 ☒ C+ ☐ C- ☒ U Number of tasks: 1 M H S R #1 AutoFilename

Problem | Parameter 1 | 2 | 3 | 4 | 5 | **Script** | Result | Files | Settings 1 | 2 | ☐ Show diag 

Transfer-Script for Popeye

☐ Allow manually Script Editing Script language: **english (us)** ☐ Full size Scriptbox

```
Remark FEN 1B2R3/K1n2r2/b1q5/3qnP1b/2q5/1q2k2q/q6b/2q3bN
Remark Stipulation: H#4

Option NoBoard Intelligent
Pieces White BB8 RE8 KA7 PF5 SH1
Black SC7 RF7 BA6 QC6 QD5 SE5 BH5 QC4 QB3 KE3 QH3 QA2 BH2 QC1 BG1
Stipulation H#4
```



Filename for In- and Output

Script-Filename: .INP Target-Directory: ...

Protocol-Filename: ☒ Sync Target-Directory: ☐ Sync

.OUT ...

☒ Generate Filenames automatically from: ☒ Stipulation ☐ Author ☐ Title ☒ Date ☒ Time

Scripting options

☐ MultiTaskScripting

☐ Time limit: Sec.

Popeye directives

☐ Window visible ☒ Memory: MB

☒ Abort stops Popeye too [2097 MB] 1812 MB free

Result display

☒ intern ☐ extern

☐ Mark Mandatory Fields ☐ Browsing only within selected diagrams Diagram 1 from 1

5 + 1 Popeye shells

Ankona



- autor | autor: Ilja Ketris
- cena | price – free
- zadávanie pozície – OK | position entering – OK
- preferuje napr. | preferred e.g by Julia Vysotska
- inštalácia = 0 | instalation =0
- len webová aplikácia!!! | only via WEB!!!
- nutná registrácia a pripojenie na internet!!! | necessary registration and internet conection!!!
- WEB: <http://www.ankona.ch/>
- riešenie porovnávacej úlohy: za 1 hodinu nevyriešil
| comparative problem solution: none in a hour
- sever používa | server use: Popeye Linux-3.2.0-38-generic-x86_64-64Bit
v4.63 (1024 MB)
- neumožňuje prerušiť riešenie Popeye, ale možno kedykoľvek ukončiť
program | is not possible break solution, but is possible quit program
- import z iných programov | import from others programs (FEN)
- export do iných formátov | export to other formats (FEN)
- animácia riešenia: nie je | animation of solution: not

Chess composition resource

This site is commissioned by the [World Federation for Chess Composition](#).

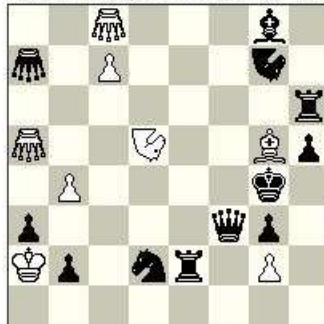
It

- maintains the list of [persons, related to chess composition](#)
- provides for submitting chess problems to competitions, notably, FIDE Albums
- gives convenient interface for creating your own competitions in chess composition
- lets you enter, catalog, display, share your own problems for whatever purpose
- offers problem solving online, using Popeye engine.

Obligatory diagram

The site has full support for fairy pieces and fairy conditions in diagrams.

Petko Petkov, 4th HM SU+SS 1989



h#2 2.1;1.1

Where to go next

Most functionality of the site requires registration, so you are free to [do so](#).

You may also check the [FAQ](#), or read the [news](#).

ankona

CompetitionsPeopleMy problems?

Marán Krížovský +

Logged in successfully. Welcome!

Chess composition resource

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h#2 2.1;1.1

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ankona

[Competitions](#)
[People](#)
[My problems](#)
[?](#)

Marek Kuźniarski

new

Editing problem

Position

White

* FIDE piece notation (KQTL3P) our notation for fairy pieces

Black

FEN

Fairy stuff

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* Stipulation

WZ: wq3 (#2.5) km [...]

Twins

o: f4-f4+q | a: f4-f4, o: f4-f4+q2 (2.5.7.7) [...]

Save and exit

[Catalog](#)
[Solving](#)

Authors

Source

Magazine, book, website etc.

Issue

Label

Problem number, or label, as given in the source

Award

Notes

Your private notes (not publicly shown)

Reference

your own reference number or ID, use it as you will (not publicly shown)

Public problem

☐
To be assigned as

5 + 1 Popeye shells

check
chess

5 + 1 Popeye shells



+1 New Popeye shell



Check Chess

5 + 1 Popeye shells

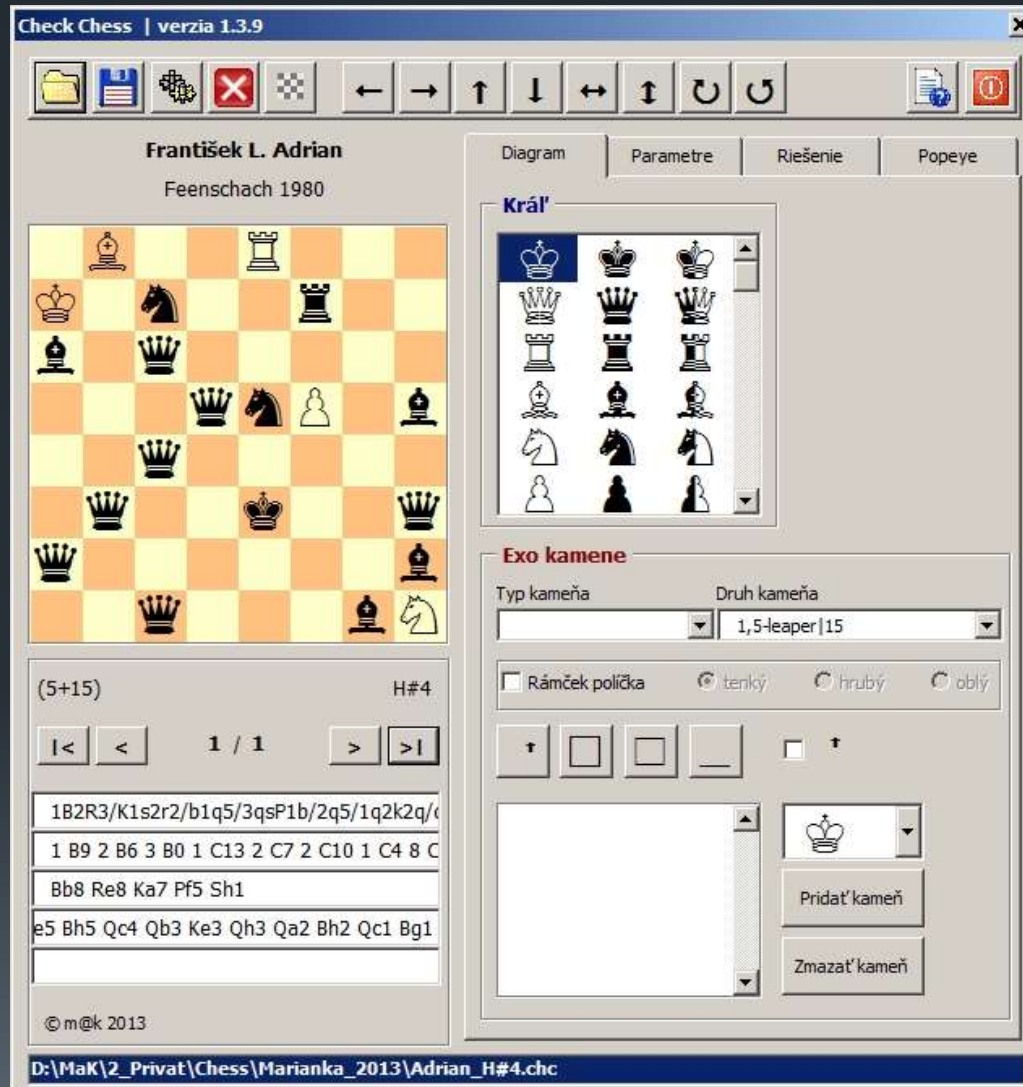
Check Chess



- Zameraný na šachového skladateľa | Focused on chess composer
- Aplikácia | Application – MS Word (no installation!)
- Výstup | Output – Word document
- Import – Fancy, Problemiste, Popeye (!)
- Export - *.pdf, FEN, *.bmp, *.jpg
- Šachovnica | board max. 20x20
- Jednoduché zadávanie diagramu | easy diagram entering
- Jednoduché zadávanie parametrov Popeye (dvojníky) | Easy Popeye parameters input (twins)
- Priradenie symbolu exofigúry pri tvorbe diagramu | fairy symbol assigning by diagram input
- Animácia riešenia z výstupu Popeye | Solution animation from Popeye output

Check Chess

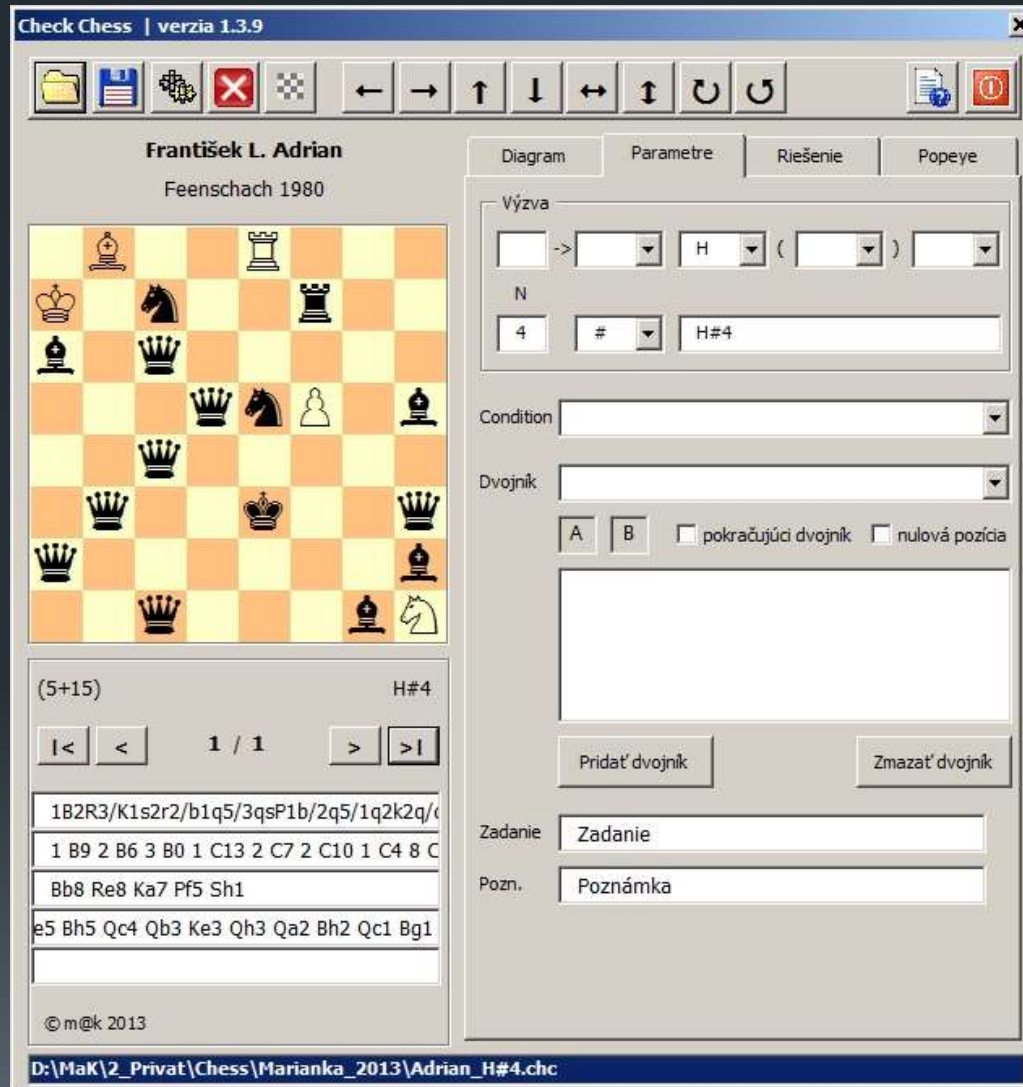
check
chess



5 + 1 Popeye shells

Check Chess

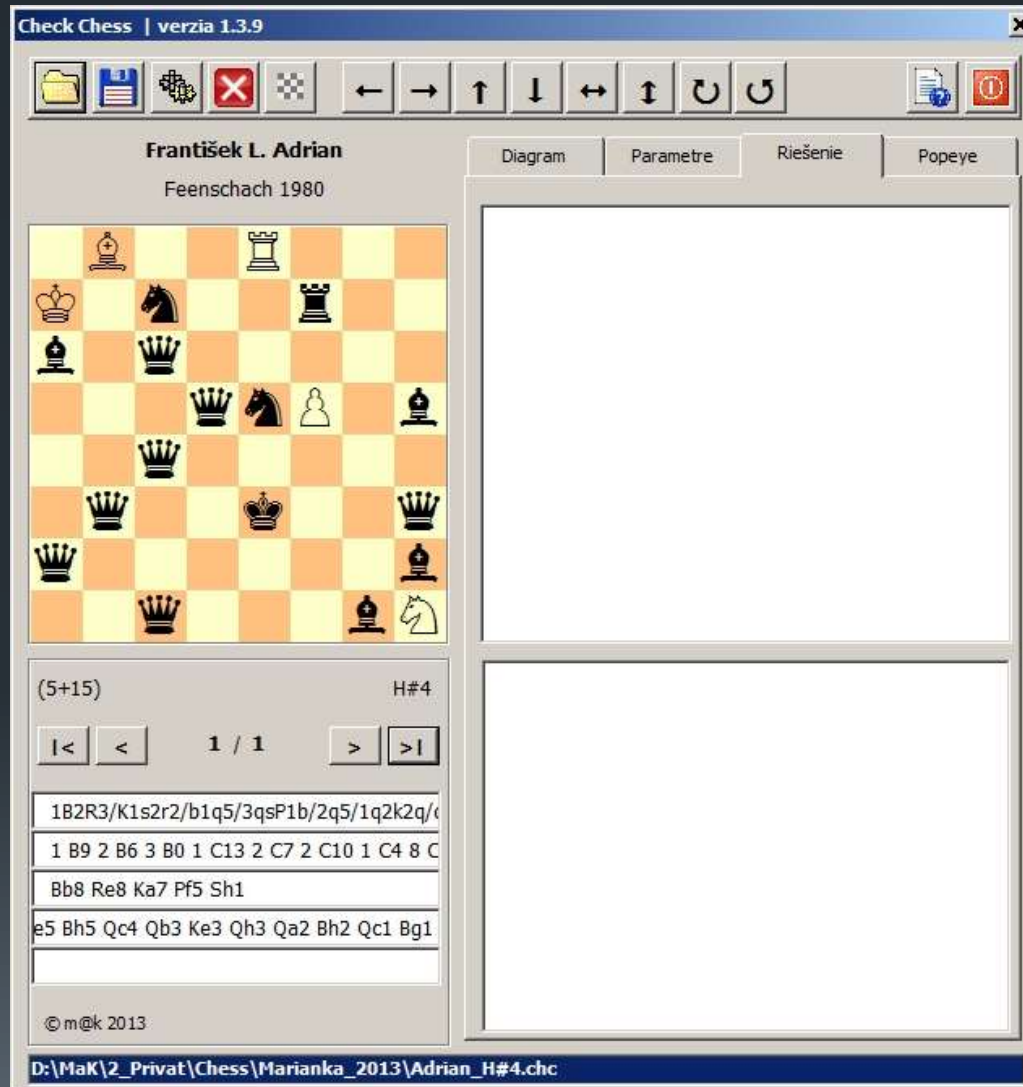
check
chess



5 + 1 Popeye shells

Check Chess

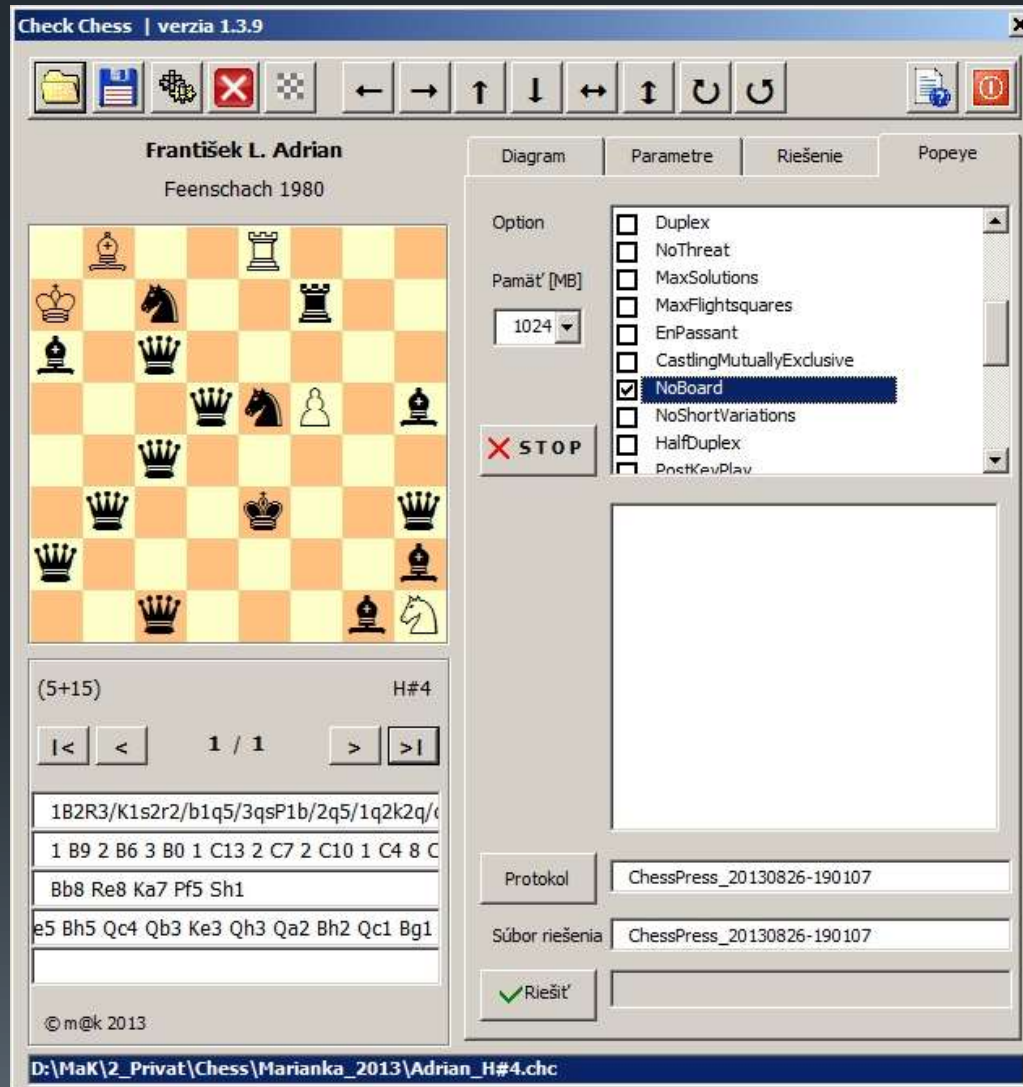
check
chess



5 + 1 Popeye shells

Check Chess

check
chess



5 + 1 Popeye shells

Check Chess



Nastavenia

Nastavenia

Počet stĺpcov: 8

Počet riadkov: 8

Typ písma: 4Echecs

Veľkosť písma: 18

Farby šachovnice

Biele políčka: 

Čierne políčka: 

Aktuálne pole: 

☐ Valcová šachovnica

☒ Vertikálna

☐ Horizontálna

Typ okraja

☐ jednoduchý

☐ dvojitý

☐ žiadny

☐ jednoduchý H+D

☐ jednoduchý Ľ+P

☐ dvojitý H+D

☐ dvojitý Ľ+P

☒ integrálny

Typ šachovnice

☐ ortodoxná

☐ valcová vertikálna

☐ valcová horizontálna

☐ mriežková

Súbor Popeye: D:\MaK\2_Privat\Chess\popeye
|popeye-4.63\PY463USR\pywin32.exe

Zrušiť OK

5 + 1 Popeye shells

Comparative problem



František L. Adrian

Feenschach 1980

H#4

1.Sc7-e6+ Re8-e7 2.Se5-g6 Bb8-f4+
3.Ke3-e4+ Sh1-f2+ 4.Ke4:f5 Re7:f7#

- 1980: 31 dní | days (PC 386)
- 2007: < 5 min (Alybadix, AMD64 4200 MHz)
- 2010: < 3 min
- 2013: (RAM 1024MB)
- Fancy: 8:46.658 m:s
- Olive-gui: 9:07.559 m:s
- APwin: 8:47.112 m:s
- Chessdiagrammer: 7:08.965 m:s (v4.61) / 19:56.394 m:s (v4.55)
- Ankona: > 1 h no solution
- CheckChess: 9:12.335 m:s

5 + 1 Popeye shells