

GES



About GES

GES is a free chess game began around mid 2003 and continues to be a work in progress. It has an estimated ELO of 2000 [on a 2Ghz computer].

It is a console program with 'text' graphics and commands.[ie., you move by typing, eg., e2e4] But .. GES is also designed to work with a seperate GUI [Graphical User Interface] like [WinBoard](#) or [Arena](#). Both are **FREE!**

Usage

Download [WinBoard](#) and save to any directory [default download location for your browser is fine - but remember where it is! :)]

Run [double-click] the downloaded program to install WinBoard

Download [GES_132.zip](#) and save it to WinBoard installation directory [eg., c:\program files\winboard]

Unzip GES.zip to c:\program files\winboard [it will create \GES_132] and launch GES by double-clicking the GES shortcut!

[You can copy the GES shortcut to your desktop or start menu or quickstart panel for easy access to your new free chess game]

Thanks

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Technical Details

Language: C++ and compiled with MSVC 2005 express beta

Internal Board: 0x88 style array

Search: PVS alpha-beta fail-soft with:

- 0.40 Pawn Aspiration window radius
- null-move R=2 - not verified
- internal iterative deepening.
- Move order: hash/IID, winning caps [MVV/LVA], 2 killers, history, losing caps [all scores augmented by PST]
- Extensions:
 - check -unlimited!
 - pawn to 7th -unlimited!
 - mate threat -unlimited!
 - 1 resp to check -unlimited!
 - recapture - [capture to same sq results in original material balance] unlimited!

Quiescent Search includes:

- all captures
- check evasions [1st ply only]
- queen promotions [no under promotions]
- castling moves

Also implemented:

- hash tables [main & pawn]
- basic time management
- resign
- draw offer

To do:

- Learning
- Pondering

History

Version	release	notes
GES_131	12.14.04	coming soon
GES_130	11.18.04	1st nearly bug less release - NB 'nearly'!

Source

[GES_132_src](#)



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