

[Home](#) \* [Engines](#) \* **Soldat**



[Hans Larwin](#) - Soldat und Tod  
1917 <sup>[2]</sup>

**Soldat**,  
a [WinBoard](#) aka [Chess Engine Communication Protocol](#)  
compliant [open source chess engine](#) by [Marco Giusfredi](#), written  
in Ansi [C](#). Soldat was first released  
in July 2002 as version 0.18 <sup>[1]</sup>. The  
most recent Soldat III **1.87**  
appeared on July 03, 2017.

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## Description

Soldat <sup>[3]</sup> [represents the board](#) as [0x88 mailbox](#), and applies [PVS](#) with [aspiration windows](#) within its [iterative deepening](#) framework, enhanced by a [transposition table](#) with [Zobrist hashing](#), [NMP](#) ([NMR](#) in the late [endgame](#)), [LMR](#), [razoring](#), [check extensions](#) and [history heuristic](#). Its [quiescence search](#) tests whether the [bounds](#) are outside a  $\pm 250$  [centipawn](#) window around [material balance](#) for [lazy evaluation](#), while the full [evaluation](#) additionally considers [piece-square tables](#), [mobility](#), [pawn structure](#), [tempo](#) and [king safety](#) in the [middlegame](#).

## See also

- [Military](#)

## Forum Posts

- [New WB engine from Italy!](#) by [Leo Dijksman](#), [Winboard Forum](#), July 05, 2002
- [Engine list news: Updated Tao v5.3 and Soldat v0.20](#) by [Leo Dijksman](#), [CCC](#), July 28, 2002
- [Engine list news: Soldat v0.25 released!](#) by [Leo Dijksman](#), [Winboard Forum](#), August 10, 2002
- [Repetition draw claiming bug by Soldat](#) by [George Lyapko](#), [Winboard Forum](#), January 14, 2003
- [Soldat III 0.178 64-bit Gauntlet for CCRL 40/40](#) by [Graham Banks](#), [CCC](#), March 25, 2015

## External Links

## Chess Engine

- [Soldat](#) « [G 6](#)
- [Soldat III](#) at [CCRL 40/40](#)

## Misc

- [Soldat from Wikipedia](#)
- [Soldat - Wiktionary](#)
- [soldat - Wiktionary](#)
- [Soldat \(rank\) from Wikipedia](#)
- [Soldat \(Romania\) from Wikipedia](#)
- [Soldat – Wikipedia.de](#) (German)
- [Soldaten sind Mörder - Wikipedia.de](#) (German)
- [Soldato - Wikipedia.it](#) (Italian)
- [Soldier from Wikipedia](#)
- [Der Landser from Wikipedia](#)

## References

1. <sup>^</sup> [New WB engine from Italy!](#) by [Leo Dijksman](#), [Winboard Forum](#), July 05, 2002
2. <sup>^</sup> [Hans Larwin - Soldat und Tod or Death and the Soldier 1917](#), January 1917, source: [Museum of Military History, Vienna](#), [Wikimedia Commons](#), "During [World War I](#), Hans Larwin was involved as an official war painter on various fronts for the [Austria-Hungary](#) dual monarchy", [Hans Larwin from Wikipedia](#), [Guus de Vries](#) (2016). [The Great War Through Picture Postcards](#). [Pen and Sword Books](#). ISBN 9781473856714, pp. 60
3. <sup>^</sup> Description based on Soldat\_3.187.c from [Soldat-3\\_187.zip](#), [G 6](#) site

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Date Edited

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