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Fizbo,

a [Chess Engine Communication Protocol](#), and since version 1.5, [UCI](#) compliant ^[1] chess engine by [Youri Matiounine](#), first released in May 2014 ^[2], apparently [bitboard](#) based, requiring [x86-64 bitscan forward](#) ^[3] and taking advantage from [population count instruction](#). Since version **1.2**, Fizbo performs a [parallel search](#) based on a version of enhanced [PV splitting algorithm](#), only one split-point is active at a time, along with [iterative deepening](#), since **1.3** with [aspiration windows](#). [Syzygy Bases](#) with up to five pieces were used since version **1.4** released in May 2015. The [transposition table](#) with dense 8 byte entries is used also in [quiescence search](#) ^[4].

Further Versions

Fizbo 1.7

Fizbo 1.7, released in March 2016, improved in [evaluation](#) due to changed and new features, including [pawn pattern](#), considering all possible combinations of two pawns of the same color ^[5], and further supports 6-piece [Syzygy Bases](#).

Fizbo 1.8

Fizbo 1.8 in August 2016 came with a [BMI2](#) executable, improved [pondering](#) logic, reworked parallel search logic, and multiple small changes to [search](#) and [evaluation](#) ^[6].

Fizbo 1.9

Fizbo 1.9, released on December 31, 2016, further enhanced considerably due to extensive changes and new features in [evaluation](#) ^[7].

Forum Posts

2014

- [new engine - Fizbo - could you please test it?](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), May 07, 2014
- [Fizbo 1.1](#) by [Graham Banks](#), [CCC](#), May 09, 2014
- [new version of Fizbo engine released](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), July 28, 2014
- [Fizbo version 1.3 is released](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), November 11, 2014
- [Fizbo 1.3 released](#) by [Graham Banks](#), [CCC](#), November 12, 2014

2015

- [Fizbo version 1.4 released](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), May 18, 2015
- [Fizbo 1.4 released](#) by [Graham Banks](#), [CCC](#), May 18, 2015
- [Fizbo version 1.5 released](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), August 16, 2015
- [Fizbo version 1.5 released](#) by [Graham Banks](#), [CCC](#), August 16, 2015

2016

- [Fizbo version 1.6 released](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), January 29, 2016
- [Fizbo 1.6 released](#) by [Graham Banks](#), [CCC](#), January 29, 2016
- [Fizbo 1.7 is released](#) by [Youri Matiounine](#), [CCC](#), March 23, 2016
- [Fizbo 1.8 released](#) by [Youri Matiounine](#), [CCC](#), August 26, 2016
- [Fizbo 1.9 released](#) by [Youri Matiounine](#), [CCC](#), December 31, 2016

2017

- [Fizbo 2 has been released](#) by [Youri Matiounine](#), [CCC](#), December 21, 2017

External Links

Chess Engine

- [Fizbo Chess Engine](#)
- [Fizbo](#) in [CCRL 40/4](#)
- [Fizbo](#) in [CCRL 40/40](#)

Misc

- [fizbo - Wiktionary](#)
- [Fizbo from Wikipedia](#)

References

1. [^ Fizbo version 1.5 released](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), August 16, 2015
2. [^ new engine - Fizbo - could you please test it?](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), May 07, 2014
3. [^ new engine - Fizbo - could you please test it?](#) by [Youri Matiounine](#), [CCRL Discussion Board](#), May 07, 2014
4. [^ Fizbo Chess Engine](#)
5. [^ Re: Fizbo 1.7 is released](#) by [Youri Matiounine](#), [CCC](#), March 23, 2016
6. [^ Fizbo 1.8 released](#) by [Youri Matiounine](#), [CCC](#), August 26, 2016
7. [^ Fizbo 1.9 released](#) by [Youri Matiounine](#), [CCC](#), December 31, 2016

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[Youri Matiounine](#)

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Nov 6, 2017

Jul 20, 2015

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