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Sugar ^[4]

SugaR, a [Stockfish derivative](#) by [Marco Zerbini](#). Its appearance first discussed in [CCC](#) in October 2014 ^[1], SugaR **XPrO 1.2** 64-bit 4CPU became Stockfish version top contender in the 2017 [CCRL 40/40](#) rating list ^[2]. As pointed out by [Norman Schmidt](#), SugaR **XPrO 1.3**, released in September 2017, has additional code not inside the current Stockfish development version, featuring [transposition tables](#) with [large pages](#), [persistent hash](#), [Cerebellum](#) book, various [endgame](#) functions, [fortress detection](#), and various tweaks and [UCI](#) options ^[3].

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- [Sugar 2.0b x 64.0](#) by Tim Shackel, [CCC](#), October 21, 2014
- [SugaR Beta1](#) by Damir Desevac, [CCC](#), January 22, 2016
- [SugaR XPrO 1.0 32-64 new UCI engine based on Stockfish](#) by Damir Desevac, [CCC](#), February 13, 2017
- [SugaR+110317](#) by Damir Desevac, [CCC](#), March 11, 2017
[Re: SugaR+110317](#) by [Marco Zerbinati](#), [CCC](#), March 12, 2017
- [SugaR XPrO 1.0c 32-64](#) by Damir Desevac, [CCC](#), March 29, 2017
- [SugaR XPrO 1.3](#) by Jason Coombs, [CCC](#), September 26, 2017

External Links

Chess Engine

- [GitHub - Zerbinati/SugaR: SugaR is a free UCI chess engine derived from Stockfish](#)
- [SugaR XPrO 1.2 64-bit 4CPU](#) in [CCRL 40/40](#)

Misc

- [sugar - Wiktionary](#)
- [Sugar \(disambiguation\) from Wikipedia](#)
- [Sugar from Wikipedia](#)
- [The Rolling Stones - Brown Sugar](#), [Havana Moon](#), [Havana Cuba](#), March 25, 2016, [YouTube](#) Video

References

1. [^] [Sugar 2.0b x 64.0](#) by Tim Shackel, [CCC](#), October 21, 2014
2. [^] [Stockfish](#) in [CCRL 40/40](#)
3. [^] [Re: SugaR XPrO 1.3](#) by [Norman Schmidt](#), [CCC](#), September 28, 2017
4. [^] [Sugars](#); clockwise from top left: White [refined](#), unrefined, [brown](#), unprocessed [cane](#), [Image](#) by [Romain Behar](#), August 26, 2006, [Wikimedia Commons](#)

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