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[ChessV](#) Universal Chess Program

ChessV,
an [open source engine](#) that plays
over 50 [chess variants](#) with various
board sizes as well as [orthodox](#)
[chess](#), written by [Gregory Strong](#) in
[C++](#), released under the [GPL v2](#),
first published in 2004 ^[1]. ChessV
0.95 was released in November
2016 ^[2]. ChessV runs under
[Windows](#) with 32-bit and 64-bit
executables available and can run
on [Linux](#) under [Wine](#). It features
an own [GUI](#), but includes also an
executable named
ChessV_Winboard.exe which
allows running ChessV under
[Winboard](#). ChessV **2.0**, released in
March 2017, completely rewritten
from scratch ^[3] in [C#](#), is a [.NET](#)
[Framework](#) application, and can
run on non-Windows operating
systems, such as [Linux](#), using
[Mono](#).

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Features

[Board Representation](#)

ChessV [encapsulates](#) the board, [position](#) and game related data inside a huge C++ class, with number of [files](#), [ranks](#) and [squares](#) as member, and specifies a [bitboard](#) type accordant to its size, either with 64, 96 or 128 bits. [Sliding pieces attacks](#) are generated with [rotated bitboards](#).

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Variants

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- Alapo
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- Capablanca Chess, Paulowich variant
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- Polymorph Chess
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- Shatranj Kamil
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- Sosarian Chess
- Switching Chess
- TenCubed Chess
- Three Checks Chess
- Ultima
- Unicorn Chess
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- Unicorn Grand Chess
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See also

- [Fairy-Max](#)
- [Sjaak](#)
- [Sjeng](#)
- [SMIRF](#)

Forum Posts

- [Interesting multi-variant chess thingy called chessv](#) by [Dann Corbit](#), [CCC](#), November 16, 2004
- [Sources of ChessV?](#) by [Harm Geert Muller](#), [CCC](#), December 13, 2007
- [Anything new about the ChessV Project?](#) by [Reinhard Scharnagl](#), [CCC](#), July 20, 2008
- [ChessV...](#) by [Alexander Schmidt](#), September 29, 2009
- [ChessV 0.95 Released](#) by [Greg Strong](#), [chessvariants.com](#), November 13, 2016
- [Re: One of The best Weeks in Chess Engine History?](#) by [Harm Geert Muller](#), [CCC](#), November 14, 2016
- [ChessV 2.0 - open source GUI and engine for chess variants](#) by [Gregory Strong](#), [CCC](#), March 19,

2017

- [ChessV 2.1 Released](#) by [Gregory Strong](#), [CCC](#), January 20, 2018

External Links

- [ChessV Universal Chess Program](#)
- [ChessV from Wikipedia](#)
- [ChessV Universal Chess Program - Chessvariants](#)
- [Sam Trenholme's webpage - ChessV](#)
- [Kazumi Watanabe](#) featuring Tochika All Stars - Unicorn, [Tokyo Jazz 2010](#), [YouTube](#) Video
Tochika All Stars are [Warren Bernhardt](#), [Omar Hakim](#), [Mike Mainieri](#), and [Marcus Miller](#)

References

1. [Interesting multi-variant chess thingy called chessv](#) by [Dann Corbit](#), [CCC](#), November 16, 2004
2. [ChessV 0.95 Released](#) by [Greg Strong](#), [chessvariants.com](#), November 13, 2016
3. [ChessV 2.0 - open source GUI and engine for chess variants](#) by [Gregory Strong](#), [CCC](#), March 19, 2017
4. [Image from ChessV Universal Chess Program](#), ChessV Copyright (C) 2007-2016 by [Gregory Strong](#)
5. [Variants from ChessV 0.95](#), [ChessV Universal Chess Program](#)

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Engine releases	Apr 23, 2018
Engines	Mar 10, 2018
Gregory Strong	Apr 24, 2017
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