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Common Cuckoo in flight ^[2]

CuckooChess,
an advanced free [open source chess program](#) under the [GNU General Public License](#) written in [Java](#) by [Peter Österlund](#). CuckooChess provides an own [GUI](#), and optionally supports the [UCI](#) protocol for the use with external GUIs such as [Arena](#). An [Android](#) port is available, where its GUI is also base of Peter Österlund's [Stockfish](#) port dubbed [DroidFish](#) ^[1]

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Internals

CuckooChess applies many of the standard methods for computer chess programs, such as [iterative deepening](#), [negascout](#), [aspiration windows](#), [quiescence search](#) with [SEE](#) pruning and [MVV/LVA](#) move ordering, [hash table](#), [history heuristic](#), [recursive null moves](#), [futility pruning](#), [late move reductions](#), [opening book](#) and [magic bitboards](#). CuckooChess name was chosen because it's [transposition table](#) is based on [Cuckoo hashing](#) ^[3].

See also

- [Bird](#)
- [DroidFish](#)
- [Nona, the Chess-Playing Lego Robot](#)
- [Phoenix \(Rahul\)](#) ^[4]
- [Shrike](#)
- [Texel](#)

Forum Posts

- [New UCI engine - CuckooChess](#) by Tony Mokonen, [CCC](#), January 11, 2010
- [CuckooChess 1.12](#) by [Peter Österlund](#), [CCC](#), October 24, 2011
- [Chess-playing lego robot](#) by [Peter Österlund](#), [CCC](#), January 30, 2014 » [Nona, the Chess-Playing Lego Robot](#)

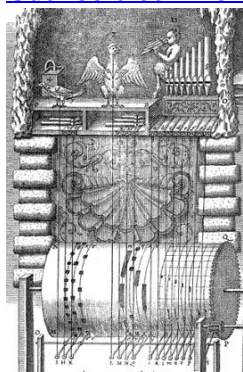
External Links

Chess Engine

- [CuckooChess 1.12 - A Java Chess Program](#)
- [CuckooChess - ChangeLog.txt](#)
- [CuckooChess](#) at [CCRL 40/40](#)

Misc

- [Cuckoo hashing from Wikipedia](#)
- [Cuckoo search from Wikipedia](#)
- [Cuckoo clock from Wikipedia](#) ^[5]



Mechanical cuckoo, 1650

- [Cuckoo \(disambiguation\) from Wikipedia](#)

- [Cuckoo from Wikipedia](#)
[Category:Cuckoos in art from Wikipedia](#)
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- [Common Cuckoo from Wikipedia](#)
[Common Cuckoo - Breeding](#)
[The Cuckoo's Egg \(book\) from Wikipedia](#) ^[6]

Red-backed Shrike

Garden Warbler



Yellowhammer



Common Redstart

References

1. [^] [DroidFish - Strong chess program for the Android platform](#)
2. [^] [Common Cuckoo from Wikipedia](#)
3. [^] [CuckooChess 1.12 - A Java Chess Program](#)
4. [^] [Re: PHOENIX=CuckooChess with learning function in Falcon style](#) by [Peter Österlund](#), CCC, March 20, 2016
5. [^] Cuckoo Mechanism. Detail of a drawing of a mechanical organ, 1650. In: [Athanasius Kircher](#): Musurgia Universalis. 2 Vols. Rome 1650, Plate XXI. Photo and Permission by: [German Clock Museum Furtwangen](#) (Germany)
6. [^] Images from [Kuckuck - 7.2 Eiablage Wikipedia.de](#) (German)

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