

[Home](#) * [Engines](#) * **Kiwi**



Great Spotted Kiwi ^[2]

Kiwi,
a [Chess Engine Communication Protocol](#) compliant [open source chess engine](#) under the [GNU General Public License](#) ^[1], written in [C++](#) by [Alessandro Scotti](#). Executables are available for [Windows](#), [Linux](#) and [Mac OS](#). Kiwi uses [bitboards](#) as basic board representation, and generates [sliding piece attacks](#) with [rotated bitboards](#). It performs [MTD\(f\)](#) with [null move pruning](#), [killer](#) and [history heuristic](#), and [transposition table](#). The [evaluation](#) considers development, [Fruit](#) like [mobility](#), and [pawn structure](#) utilizing a [pawn hash table](#), with focus on [passed pawns](#) and [pawn races](#).

Kiwi played two over the board tournaments in 2005, it became runner-up at the [CIPS 2005](#) behind [Delfi](#), and became third at the [Chess Computer Cup 2005](#).

Table of Contents

[Selected Games](#)

[See also](#)

[Forum Posts](#)

[External Links](#)

[Chess engine](#)

[Misc](#)

[References](#)

[What links here?](#)

Selected Games

[CCC 2005](#), round 6, [Kiwi](#) - [Chiron](#) ^[3]

```
[Event "Chess Computer Cup"]
[Site "Bologna"]
[Date "2005.09.25"]
[Round "6"]
[White "Kiwi 0.6b RC10"]
[Black "Chiron v0.4.1"]
[Result "1-0"]
```

```
1.d4 Nf6 2.c4 e6 3.Nc3 Bb4 4.e3 O-
O 5.Bd3 d5 6.a3 Bxc3+ 7.bxc3 dxc4 8.Bxc4 c5
9.Nf3 Qc7 10.Ba2 Nbd7 11.Bb2 b5 12.Qe2 Rb8 13.O-
O Bb7 14.Rac1 Rfd8 15.Rfd1 c4
16.Bb1 Be4 17.Nd2 Bxb1 18.Rxb1 Nf8 19.a4 bxa4 20.Nxc4 Ng6 21.Nd2 Qa5 2
2.Qd3 Ng4
23.h3 Nf6 24.c4 Qa6 25.Ba3 h6 26.Rxb8 Rxb8 27.Rb1 Rxb1+ 28.Qxb1 Nd7 29
.Qb4 f5
30.g4 fxg4 31.hxg4 Nf6 32.g5 hxg5 33.Nf3 Qc8 34.Nxg5 e5 35.f3 Nh4 36.K
f2 exd4
37.exd4 Kh8 38.d5 a5 39.Qd6 Nf5 40.Qf4 Nh5 41.Qg4 Nf6 42.Nf7+ Kg8 43.N
h6+ Kh8
44.Qxf5 Qxc4 45.Nf7+ Kg8 46.Ng5 Qc3 47.Kg2 Qd2+ 48.Kh3 Qe1 49.Qc8+ Qe8
50.Qxe8+
Nxe8 51.d6 Nf6 52.Ne4 Nd7 53.Nc5 Ne5 54.d7 Nc6 55.Nb7 Kf7 56.d8=N+ Nxd
8 57.Nxd8+
Kf6 58.Kg4 g5 59.Nf7 1-0
```

See also

- [Bird](#)
- [Food](#)
- [Hamsters](#)

Forum Posts

- [Kiwi 0.1b](#) by [Alessandro Scotti](#), [CCC](#), September 18, 2004

- [Kiwi for Win98 and input-reading stuff](#) by [Alessandro Scotti](#), [CCC](#), September 29, 2004 » [Windows](#), [C++](#), [Thread](#)
- [Kiwi 0.2a with opening book is available](#) by [Alessandro Scotti](#), [CCC](#), October 06, 2004
- [Kiwi 0.3a](#) by [Alessandro Scotti](#), [CCC](#), November 12, 2004
- [Kiwi 0.3b](#) by [Alessandro Scotti](#), [CCC](#), November 17, 2004
- [Kiwi 0.4a](#) by [Alessandro Scotti](#), [CCC](#), January 10, 2005
- [Re: late move reductions](#) by [Alessandro Scotti](#), [CCC](#), March 01, 2006 » [Late Move Reductions](#)

External Links

Chess engine

- [Computer Chess](#) by [Alessandro Scotti](#)
- [Kiwi](#) from [WBEC Ridderkerk](#)
- [Kiwi 0.6d](#) in [CCRL 40/40](#)
- [Kiwi 0.6d 64-bit](#) in [CCRL 40/4](#)

Misc

- [Kiwi \(disambiguation\)](#) from [Wikipedia](#)
- [Kiwifruit](#) from [Wikipedia](#)
- [Actinidia deliciosa](#) from [Wikipedia](#)
- [Kiwi \(bird\)](#) from [Wikipedia](#)

References

1. [^](#) [Computer Chess](#) by [Alessandro Scotti](#)
2. [^](#) [Apteryx haastii](#) (immature and adult male) by [John Gerrard Keulemans](#), [Ornithological Miscellany. Volume 1](#) 1876, [Great Spotted Kiwi from Wikipedia](#)
3. [^](#) [Computer Chess Cup 2005 - tutte le partite in formato PGN](#) by [Alessandro Scotti](#)

What links here?

Page	Date Edited
Alessandro Scotti	Feb 27, 2014
CCC 2005	Feb 27, 2014
Chess Engine Communication Protocol	Mar 4, 2018
CIPS 2005	Feb 4, 2013
CLI	Jan 20, 2018
Cpp	Oct 24, 2017
Engines	Mar 10, 2018
Hamsters	Apr 11, 2014
Kiwi	Sep 2, 2016
Late Move Reductions	Sep 25, 2017

Page

[Thread](#)

[WinBoard](#)

[Windows](#)

Date Edited

Apr 22, 2018

Mar 4, 2018

Nov 2, 2017

[Up one Level](#)