

[Home](#) \* [Engines](#) \* **Octochess**



Common octopus <sup>[2]</sup>

**Octochess**,  
a [Chess Engine Communication Protocol](#) and [UCI](#) compliant [open source chess engine](#) under the [GNU General Public License](#),  
written in [C++](#) by [Tim Kosse](#).  
Octochess is [cross-platform](#) with binaries available to run under [Windows](#) and [Linux](#). It was first released in February 2012 <sup>[1]</sup>.

## Table of Contents

[Features](#)

[See also](#)

[Forum Posts](#)

[External Links](#)

[Chess Engine](#)

[Misc](#)

[References](#)

[What links here?](#)

## Features

<sup>[3]</sup>

- Partially [Multi-threaded Search](#)
- Tweakable [Evaluation](#)
- [Magic Bitboards](#) <sup>[4]</sup>
- [Principal Variation Search](#)
- [Aspiration Windows](#)
- [Lockless Transposition Hash Table](#)

- [Null Move Pruning](#)
- [Killer Heuristic](#)
- [Internal Iterative Deepening](#)
- [Static Exchange Evaluation](#)
- [Late Move Reductions](#)
- [Futility Pruning](#)
- [Razoring](#)

## See also

- [Mollusca](#)

## Forum Posts

- [Introducing Octochess](#) by [Tim Kosse](#), [CCC](#), February 28, 2012
- [Octochess r4529](#) by [Tim Kosse](#), [CCC](#), March 25, 2012
- [Octochess r4632](#) by [Tim Kosse](#), [CCC](#), May 21, 2012
- [Octochess r4690 released](#) by [Tim Kosse](#), [CCC](#), July 17, 2012
- [Octochess r4741 released](#) by [Tim Kosse](#), [CCC](#), August 21, 2012
- [Octochess r4984 released](#) by [Tim Kosse](#), [CCC](#), February 24, 2013
- [Octochess r5132 released](#) by [Tim Kosse](#), [CCC](#), June 19, 2013
- [Octochess r5178 released](#) by [Tim Kosse](#), [CCC](#), August 25, 2013
- [Octochess r5190 released](#) by [Tim Kosse](#), [CCC](#), August 31, 2013
- [OctoChess source code rev 7482](#) by [Norbert Raimund Leisner](#), [CCC](#), May 11, 2016
- [OctoChess rev8520](#) by [Tim Kosse](#) by [Norbert Raimund Leisner](#), [CCC](#), August 13, 2017

## External Links

### Chess Engine

- [Octochess - An open source chess engine](#)
- [\[filezilla\] Index of /chess SVN source code repository](#)
- [Octochess](#) in [CCRL 40/40](#)

### Misc

- [Octopus from Wikipedia](#)
- [Common octopus from Wikipedia](#)
- [octo - Wiktionary](#)
- [Cuttlefish from Wikipedia](#)
- [Van der Graaf Generator](#) - Octopus, [The Aerosol Grey Machine](#) (1969), [YouTube](#) Video

## References

1. [^ Introducing Octochess](#) by [Tim Kosse](#), [CCC](#), February 28, 2012
2. [^ Octopus vulgaris](#), [Common octopus from Wikipedia](#), Author: [Comingio Merculiano](#), in [Giuseppe Jatta \(1896\). I Cefalopodi viventi nel Golfo di Napoli \(sistematica\) : monografia.](#)
3. [^ Octochess - An open source chess engine](#)
4. [^ Re: Magic bitboards: Cache issues and state of the art?](#) by [Tim Kosse](#), [CCC](#), March 24, 2013

## What links here?

Page	Date Edited
<a href="#">Engines</a>	Mar 10, 2018
<a href="#">Octochess</a>	Aug 15, 2017
<a href="#">TCEC Season 5</a>	Jun 2, 2014
<a href="#">TCEC Season 6</a>	Dec 2, 2014
<a href="#">TCEC Season 7</a>	Jan 23, 2015
<a href="#">Tim Kosse</a>	May 23, 2013

[Up one level](#)