

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



Being Demolished ^[1]

Demolito,
an [UCI](#) compliant [open source chess engine](#) by Lucas Braesch,
licensed under the [GNU General Public License](#), written in [C](#), first
announced at [OpenChess](#) in
January 2017 ^[1], a revised stable
release published in June 2017 as
completely rewritten new
[DiscoCheck](#) featuring [SMP](#) and
[Chess960](#) ^[2], with executables
available for [Linux](#), [Mac OS](#) and
[Android](#).

Table of Contents

[Features](#)

[Board Representation](#)

[Search](#)

[Evaluation](#)

[See also](#)

[Forum Posts](#)

[External Links](#)

[Chess Engine](#)

[Misc](#)

[References](#)

[What links here?](#)

Features

Board Representation

- [Bitboards](#)
- [Dense Piece-Color Board-Definition](#) ^[4]
- [8x8 Board](#)
- [Little-Endian Rank-File Mapping](#)
- [Fancy Magic Bitboards](#)

Search

- [Lazy SMP](#)
- [Iterative Deepening](#)
- [Aspiration Windows](#)
- [Principal Variation Search](#) ^[5]
- [Transposition Table](#)
[Zobrist Hashing](#)
- [Selectivity](#)
[Eval Pruning](#)
[Razoring](#)
[Null Move Pruning](#)
[Late Move Reductions](#)
- [Quiescence Search](#)
[SEE Pruning < 0](#)
- [Move Ordering](#)
[Refutation Table](#)
[MVV/LVA](#)
[History Heuristic](#)

Evaluation

- [Tapered Eval](#)
- [Material](#)
[Bishop Pair](#)
[Piece-Square Tables](#)
- [Mobility](#)
- [Hanging Pieces](#)
- [Penalty for Pieces on own Pawn Frontspans](#)
- [King Safety](#)
[Attacking King Zone](#)
[Check Threats](#)
[Pawn Shield](#)
- [Pawn Structure](#)
[Pawn Hash Table](#)
[Pawn Chain](#)
[Phalanx](#)

[Holes](#)
[Isolated Pawn](#)
[Passed Pawn](#)

See also

- [Disaster](#)
- [DiscoCheck](#)

Forum Posts

- [New UCI Engine: Demolito](#) by lucasart, [OpenChess Forum](#), January 14, 2017
- [Demolito Chess Engine](#) by [Norbert Raimund Leisner](#), [CCC](#), January 16, 2016
- [Demolito UCI x64 25th January 2017 - 30th January 2017](#) by [Norbert Raimund Leisner](#), [CCC](#), February 08, 2017
- [New DiscoCheck is cooking](#) by Lucas Braesch, [CCC](#), June 04, 2017
- [New version: Demolito 2017-08-26](#) by Lucas Braesch, [CCC](#), August 27, 2017
- [Demolito 20180301 released](#) by Lucas Braesch, [CCC](#), March 01, 2018

External Links

Chess Engine

- [GitHub - lucasart/Demolito: UCI Chess Engine](#)
- [Demolito](#) in [CCRL 40/4](#)

Misc

- [demolito - Wiktionary](#)
- [Demolition from Wikipedia](#)
- [Manfred Mann's Earth Band](#) - [Demolition Man](#), [Live in Budapest 1983](#), [YouTube](#) Video

References

1. [^] [New UCI Engine: Demolito](#) by lucasart, [OpenChess Forum](#), January 14, 2017
2. [^] [New DiscoCheck is cooking](#) by Lucas Braesch, [CCC](#), June 04, 2017
3. [^] [High Reach Demolition Excavator](#) - Hydraulic demolition scissors on chassis CAT 365B L. Arm is 30 m long, [Image](#) by [Michal Mañas](#), June 21, 2006, [CC BY-SA 2.5](#), [Wikimedia Commons](#)
4. [^] [Demolito/types.h at master · lucasart/Demolito · GitHub](#)
5. [^] [Demolito/recurse.h at master · lucasart/Demolito · GitHub](#)

What links here?

Page

Date Edited

[Demolito](#)

Mar 1, 2018

[DiscoCheck](#)

Jun 23, 2017

[Engine releases](#)

Apr 23, 2018

[Engines](#)

Mar 10, 2018

[Ethereal](#)

Mar 20, 2018

[Xiphos](#)

Apr 22, 2018

[Up one Level](#)