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

EveAnn,

a [WinBoard](#) compliant chess engine written by [Andres Valverde](#) in [Delphi](#), first released in December 2005 ^[1]. EveAnn started its life when Andres translated [Pham Hong Nguyen's FirstChess](#) from [C](#) to [Pascal](#), and made it play legal chess. He further improved the program after studying [Bruce Moreland's](#) site on chess programming topics, got several ideas from [Tom Kerrigan's TSCP](#) and [Ed Schröder's How Rebel plays chess](#). The engine is dedicated to Andres' daughters Eve and Ann ^[2]. EveAnn played the [CCT8](#) in 2006, the [CCT9](#) and under the handle *DelTomateX*, the [WCRCC 2007](#), the First Annual ACCA World Computer Rapid Chess Championship.

Program Techniques

^[3]

- [Alpha-Beta](#) search with [iterative deepening](#)
- [Aspiration window](#) in three phases (50, 200, infinite)
- [Quiescence search](#) with [check](#) evasions

- [Adaptive null move pruning](#) (Fixed to [R=3](#) since 1.66)
- [SEE](#) for [move ordering](#) and QS [pruning](#)
- [Transposition table](#) in a single way (Improved in 1.67)
- [Lazy Evaluation](#)
- [History heuristic](#) for move ordering and pruning
- [Killer heuristic](#)
- [LMR and LMP](#)
- [Checks](#), [pawns to 7th](#) and [singular extensions](#)
- [Evaluation](#) includes [pawn structure](#), [mobility](#), a few [endgame](#) patterns, [king safety](#), [center control](#), etc.
- [Rebel Book](#) (Thanks to [Ed](#) and [Jeroen](#))
- [EGGB bitbases](#) supported. Thanks to [Daniel Shawul](#) ([Scorpio](#)) for his permission.

Selected Games

[WCRCC 2007](#), round 8, [EveAnn](#) (DelTomateX) - [Horizon](#) ^[4]

```
[Event "WCRCC 2007"]
[Site "Internet Chess Club"]
[Date "2007.07.21"]
[Round "8"]
[White "EveAnn"]
[Black "Horizon"]
[Result "1-0"]
```

```
1.e4 c5 2.Nf3 Nc6 3.d4 cxd4 4.Nxd4 e6 5.Nc3 Qc7 6.Be3 a6 7.Bd3 Nf6
8.O-O Ne5 9.h3 Bc5 10.Kh1 d6 11.f4 Ng6 12.Qe1 O-O 13.f5 Ne5 14.Qh4
Bd7 15.Rf3 Nxf3 16.gxf3 Qb6 17.Rg1 Bxd4 18.e5 g6 19.Bxd4 Qc6 20.fxg6
Qxf3+ 21.Kh2 fxg6 22.Bxg6 1-0
```

See also

- [Dirty](#)
- [FirstChess](#)
- [Given Name](#)
- [TSCP](#)

Forum Posts

2005 ...

- [EveAnn engine released](#) by [Andres Valverde](#), [CCC](#), December 18, 2005
- [EveAnn 1.62 like UCI engine](#) by Silviu Rucsanescu, [Winboard Forum](#), March 18, 2007

- [EveAnn 1.63 and Dirty 20/07/2007 released](#) by [Andres Valverde](#), [CCC](#), July 31, 2007

2010 ...

- [Simple question about SEE](#) by [Andres Valverde](#), [CCC](#), January 12, 2011 » [Static Exchange Evaluation](#)
- [EveAnn 1.64 released](#) by [Andres Valverde](#), [CCC](#), February 06, 2011
- [EveAnn 1.66 released](#) by [Andres Valverde](#), [CCC](#), April 27, 2011
- [EveAnn 1.67 released](#) by [Andres Valverde](#), [CCC](#), January 23, 2012
- [EveAnn 1.71 released](#) by [Andres Valverde](#), [CCC](#), February 02, 2013
- [EveAnn 1.71a](#) by [Andres Valverde](#), [CCC](#), February 05, 2013
- [EveAnn 1.72 released](#) by [Andres Valverde](#), [CCC](#), December 31, 2013

2015 ...

- [EveAnn 1.72 released](#) by [Andres Valverde](#), [CCC](#), April 01, 2017

External Links

- [Andres Valverde Home Site](#)
[readme.txt](#)
- [Norbert's collection/EveAnn \(Compilation\)](#) by [Norbert Raimund Leisner](#), hosted by [Kirill Kryukov](#)
- [EveAnn](#) from [WBEC Ridderkerk](#)

References

1. [^ EveAnn](#) from [WBEC Ridderkerk](#)
2. [^ readme.txt](#)
3. [^](#) from [readme.txt](#)
4. [^ 2007 World Computer Rapid Chess Championships | Results | PGN Download](#)

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CCT9	Aug 25, 2013
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Pradu Kannan	Aug 3, 2015
WCRCC 2007	Nov 21, 2016

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