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Patzer,

a [Chess Engine Communication Protocol](#) compatible chess engine by [Roland Pfister](#), later versions were [UCI](#) compliant, featuring a [parallel search](#) and own [endgame bitbases](#), and were able to play [Chess960](#) ^[1]. Patzer is famous for solving the [Behting Study](#) ^[2] and a special [draw heuristic](#) for checking sequences. Patzer was available as [Young Talent](#) by [ChessBase](#) running under the [Fritz6 GUI](#) ^[3].

Tournament Play

Patzer played the [WMCCC 1996](#) in [Jakarta](#), the [WMCCC 1997](#) in [Paris](#), the [WCCC 1999](#) in [Paderborn](#), and the [Chess960CWC 2005](#) and [Chess960CWC 2006](#) in [Mainz](#). Further, Patzer was active over the board at [IPCCCs](#), the [5th Spanish Open Computer Chess Championship](#), [Dutch Open Computer Chess Championships](#), [International CSVN Tournaments](#), and the [BELCT 2001](#).

Descriptions

[\[4\]](#)

1997

Patzer uses state of the art methods as [minimal window](#), [hash tables](#), [history table](#), [static exchange evaluation](#) with [bitboards](#), various [extensions](#), [recursive nullmove](#). It has small databases for [KPK](#) and [KPKP](#) with blocked pawns to decide if it is a win or not. Additionally it can use [Thompson's](#) Endgame CDs at [ply](#) 0.

At the moment I am working on including [endgame table base](#) support. Patzer has a text interface as well as [GUIs](#) for [DOS](#), [Windows](#), OS/2 and [X11](#). It can read/write [PGN](#) and [EPD](#) files. It has an Interface for [Autoplayer232](#) and for [XBoard/WinBoard](#). It has knowledge of the ["wrong" bishop](#) in endgames. A [Hypertext](#) User Online Manual is available in German for [DOS](#), [Windows](#), OS/2 and [Unix](#).

1999

Patzer uses the standard [alpha-beta PVS](#) search, enhanced by [hashtables](#) (4 retries replacement scheme), [recursive nullmove](#) ([R=2](#)) with verification if only one piece present, special [pruning](#) heuristic for [ALL-nodes](#), various [extensions](#). It also uses a special [material hash table](#) to adjust the [material](#) balance values for certain [endgames](#) where the "usual" values do not apply. It values [king safety](#) and [passed pawns](#) rather high (too high?). It is a [incremental bitboard](#) program with [attack tables](#) that are also used during [move generation](#) and [sorting](#).

Photos



Patzer team [Frank Quisinsky](#) and [Roland Pfister](#) at [ICT 2001](#) ^[5]

Namesake

- [Patzer](#) by [Werner Koch](#) and [Thomas Schäfer](#)

Forum Posts

1998 ...

- [Yes, Patzer really seem to be quite something...](#) by [Fernando Villegas](#), [CCC](#), June 07, 1998
- [Diepeveen Attack !](#) by [Frank Quisinsky](#), [Winboard Forum](#), November 11, 1999

2000 ...

- [Patzer](#) by [Ingo Bauer](#), [CCC](#), April 23, 2001
- [Re: 1 Hour CCR Test by IM Larry Kaufmann / Patzer 3.51](#) by [Roland Pfister](#), [CCC](#), May 11, 2001
» [CCR One Hour Test](#)
- [Goliath Light, Gromit, Patzer, SOS, etc. commercially sold](#) by [Theo van der Storm](#), [CCC](#), August 28, 2001
- [Is there a Tournament book for Patzer?](#) by [Günther Simonr](#), [Winboard Forum](#), December 05, 2001
- [Patzer 3.61 UCI vs 3.11 CB = 23 - 15](#) by Brice Boissel, [Winboard Forum](#), April 08, 2003
- [Patzer 299zt](#) by Telmo Escobar, [Winboard Forum](#), October 18, 2003
- [Any programs besides Yace and Patzer that can use bitbase files](#) by [Dann Corbit](#), [CCC](#), June 17, 2004 » [Endgame Bitbases](#), [Yace](#)

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- [STS \[1-10\] Patzer 3.80](#) by [Swaminathan](#), [CCC](#), July 06, 2010 » [Strategic Test Suite](#)

External Links

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- [Patzer's ICGA Tournaments](#)
- [Patzer 3.80](#), [Wayback Machine](#)
- [Meet the Authors - PATZER, Roland Pfister](#) hosted by [Ed Schröder](#)
- [Patzer 3.80](#) in [CCRL 40/40](#)

Misc

- [Patzer - Wiktionary](#)
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- [Patzer - derogatory description](#) from [Chess.com](#)
- [Patzer Opening - Chess Opening Database](#)

References

1. [^] [Patzer 3.80](#), [Wayback Machine](#)
2. [^] [Meet the Authors - PATZER, Roland Pfister](#) hosted by [Ed Schröder](#)
3. [^] [Support - ChessBase, May 28th, 2000](#) (dead link)
4. [^] [Patzer's ICGA Tournaments](#)
5. [^] [1st International CSVN-Tournament 2001](#) by [Thomas Mayer](#), [ICT 2001](#)

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