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Doch,

an [UCI](#) compliant chess engine by primary author [Don Dailey](#), supported by chess advisor and evaluation expert and Don's long time collaborator [Larry Kaufman](#). The development started in 2007 ^[1], and it was first released to the public as free engine in fall 2009 ^[2].

Komodo

In January 2010, Doch evolved to [Komodo](#) ^[3] to become one of the strongest programs ever.

Etymology

Doch is [acronym](#) of Don's Chess. Quote from a [Frank Quisinsky](#) interview, December 2009 ^[4]:
Doch was never intended to be the name that would stick. When I first decided to write this program I needed a name and did not want to spend days obsessing over it. I did not want to call it "chess" but it needed a name to give it some personality. Doch stands for DOn's CHess. I never got around to giving it a proper name and I feel a bit immodest calling it after my own name!

Copy-Make

Doch was a 64-bit aka [bitboard](#) program, applying a [Copy-Make](#) approach with a [position](#) state of 192 byte allocated on the [stack](#) ^[5] ^[6]

```
position search( position_state *prev, ... )
{
    position_state new_position;
    ... other stuff
    foreach move in movelist do {
        make( prev, &new_position, move );
    }
}
```

See also

- [Acronym](#)
- [Komodo](#)
- [Occam](#)

Forum Posts

- [Doch 09.980 \(uci\) by Don Dailey available](#) by [Jim Ablett](#), [CCC](#), November 13, 2009
- [Doch 1.2 update \(uci\) by Don Dailey available](#) by [Jim Ablett](#), [CCC](#), December 15, 2009
- [Doch 1.3.1](#) by [Don Dailey](#), [CCC](#), January 05, 2010
- [A New Name for Doch....](#) by [Fernando Villegas](#), [CCC](#), January 07, 2010

External Links

- [doch - Wiktionary](#)
- [Doch! ...and Other Tricky German Words](#), [About.com](#)

References

1. [^] [About Komodo](#) by [Larry Kaufman](#)
2. [^] [Doch 09.980 \(uci\) by Don Dailey available](#) by [Jim Ablett](#), [CCC](#), November 13, 2009
3. [^] [Komodo credit](#) by [Don Dailey](#), [CCC](#), January 22, 2010
4. [^] [Computerschach, Interview with Don Dailey](#) by [Frank Quisinsky](#), [Schachwelt.de](#), December 18-20, 2009

5. [^ Re: undo move vs. Position Cloning](#) by [Don Dailey](#), [CCC](#), September 16, 2009
6. [^ Re: undo move vs. Position Cloning](#) by [Don Dailey](#), [CCC](#), September 16, 2009

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