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Decapoda <sup>[2]</sup>

**SEE**, (SEECheess, Decapod)  
a [WinBoard](#) compliant chess engine written by [Tor Lattimore](#) in [C++](#), which started in about March 2003. After some trials with [MTD\(f\)](#) <sup>[1]</sup>, SEE applies a [PVS](#) based [alpha-beta](#) with [transposition table](#), [null move pruning](#), [killer-](#) and [history heuristic](#), and [generates moves](#) with a [0x88](#) board and [pawn attack](#) tables.

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## Tournament Play

SEE had its debut at the [NC3 2003 Australasian National Computer Chess Championship](#), under the name Decapod <sup>[3]</sup>. It further played, the [NC3 2004](#), [NC3 2005](#) and [NC3 2006](#), still referred as Decapod in the entry lists <sup>[4]</sup>, and the [CCT6](#) and [CCT7 CCT Tournaments](#) in 2004 and 2005.

## Selected Games

[NC3 2006](#), round 4, [SEE](#) - [Awesome](#) <sup>[5]</sup>

```
[Event "NC3 2006"]  
[Site "RedHill, Canberra, Australia"]  
[Date "2006.08.20"]  
[Round "4"]  
[White "SEE"]  
[Black "Awesome"]  
[Result "1-0"]
```

```
1.d4 c5 2.dxc5 Qa5+ 3.Nd2 Nh6 4.e4 e6 5.Nh3 Bxc5 6.Bd3 d6 7.O-O Qa4  
8.Nb3 e5 9.Bxh6 gxh6 10.Qh5 O-O 11.Rfd1 Bb6 12.Qxh6 f6 13.Be2 Bc7  
14. Rd3 Bf5 15.Rg3+ Bg6 16.Bh5 Qd7 17.Bxg6 hxg6 18.Qxg6+ Kh8 19.Qh6+ Q  
h7  
20.Qxf8+ Qg8 21.Rxg8+ 1-0
```

## See also

- [Arthropod](#)
- [SEE - The Swap Algorithm](#)
- [Static Exchange Evaluation](#)

## Forum Posts

- [pawn hash](#) by [Tor Lattimore](#), [CCC](#), July 03, 2004 » [Pawn Hash Table](#)
- [Re: Analysis for this FEN ?](#) by [Tor Lattimore](#), [CCC](#), July 27, 2004
- [MTD Drivers](#) by [Tor Lattimore](#), [CCC](#), August 10, 2004 » [MTD\(f\)](#)
- [Qsearch Checks](#) by [Tor Lattimore](#), [CCC](#), August 29, 2004 » [Quiescence Search](#), [Check](#)

## External Links

### Chess Engine

- [SEE - the chess engine](#)
- [NC3 2003 - List of Entries](#)
- [NC3 2004 - List of Entries](#)
- [NC3 2005 - List of Entries](#)
- [NC3 2006 - List of Entries](#)
- [Australian Chess Federation newsletter | Aussies in Computer chess](#) » [CCT7](#)

- [SEE 0.6.9](#) in [CCRL 40/4](#)

## See

- [See \(disambiguation\)](#) from Wikipedia
- [Visual perception](#) from Wikipedia

## Decapod

- [Decapod \(disambiguation\)](#) from Wikipedia
- [Decapoda](#) from Wikipedia

## References

1. <sup>^</sup> [MTD Drivers](#) by [Tor Lattimore](#), [CCC](#), August 10, 2004
2. <sup>^</sup> [Ernst Haeckel](#) (1904). [Kunstformen der Natur](#). (Artforms of nature) plate 86: from [Decapoda](#) from Wikipedia, [Kunstformen der Natur - Wikimedia Commons](#)
  1. [Parthenope horrida](#) ([Fabricius](#)) = [Daldorfia horrida](#) ([Linnaeus](#), 1758)
  2. [Podophthalmus](#) vigil ([Leach](#)) = [Podophthalmus](#) vigil ([Fabricius](#), 1798)
  3. [Pisa armata](#) ([Leach](#)) = [Pisa armata](#) ([Latreille](#), 1803)
  4. [Gonoplax rhomboides](#) ([Desmarest](#)) = [Goneplax rhomboides](#) ([Linnaeus](#), 1758)
  5. [Pisolambrus nitidus](#) ([Milne-Edwards](#)) = [Solenolambrus tenellus](#) ([Stimpson](#), 1871)
  6. [Stenopus hispidus](#) ([Latreille](#)) = [Stenopus hispidus](#) ([Olivier](#), 1811)
  7. [Palaemon serratus](#) ([Fabricius](#)) ([Pennant](#), 1777)
  8. [Albunea symnista](#) ([Fabricius](#)) = [Albunea symmysta](#) ([Linnaeus](#), 1758)
  9. [Lissa chiragra](#) ([Leach](#)) = [Lissa chiragra](#) ([Fabricius](#), 1775)
  10. [Birgus latro](#) ([Herbst](#)) = [Birgus latro](#) ([Linnaeus](#), 1767)
3. <sup>^</sup> [NC3 2003 - List of Entries](#)
4. <sup>^</sup> [NC3 2004 - List of Entries](#)
5. <sup>^</sup> [NC3 2006 - Final Standing 2006 Games](#)

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<a href="#">CCT7</a>	Dec 16, 2017
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<a href="#">Kanguruh</a>	Jan 13, 2013
<a href="#">NC3 2003</a>	Jan 13, 2013
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