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[Russet potatoe](#) with sprouts ^[2]

Small Potato, (unches)
a [Chess Engine Communication Protocol](#) compatible [open source chess program](#) by [Alejandro Dubrovsky](#) under the [GNU General Public License](#) ^[1], first released (as Unches) in December 2000. After experience with [MTD\(f\)](#) and standard [alpha-beta](#), the Small Potato sticks with [NegaScout](#) inside an [iterative deepening](#) framework with [aspiration windows](#), further utilizing [transposition table](#), [quiescence search](#), [null move pruning](#) and [history move ordering](#). [Move generation](#) is implemented using a [0x88](#) board. Small Potato participated at various [Australasian National Computer Chess Championships](#).

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Selected Games

[NC3 2003](#), round 2, [Small Potato](#) - [Kanguruh](#) ^[3]

```
[Event "NC3 2003"]
[Site "Red Hill, Canberra, Australia"]
[Date "2003.7.22"]
[Round "2"]
[White "Small Potato 0.6.0"]
[Black "Kanguruh"]
[Result "1/2-1/2"]
```

```
1.e4 e5 2.Nf3 Nc6 3.Bb5 a6 4.Ba4 g6 5.d4 exd4 6.c3 b5 7.Bb3 dxc3 8.Ng5
Nh6
9.Nxc3 b4 10.Nd5 Bg7 11.Bf4 Ra7 12.Rb1 O-
O 13.Ba4 a5 14.Qc1 Ne5 15.Bxe5 Bxe5
16.Nf3 Bg7 17.Qc5 Ra8 18.Nxc7 Rb8 19.O-
O Bb7 20.Rbd1 Bxe4 21.Rxd7 Qf6 22.Qxa5
Bxf3 23.gxf3 Qxf3 24.Bd1 Qh3 25.Rd2 Ng4 26.Bxg4 Qxg4+ 27.Kh1 Qf4 28.Rd
5 Bd4
29.Rxd4 Qxd4 30.a3 Qxb2 31.axb4 Rxb4 32.Qa1 Rd8 33.Na6 Qxa1 34.Rxa1 Rf
4 35.Ra2
h5 36.h3 Rd3 37.Kg2 Kg7 38.Nc5 Rd5 39.Rc2 h4 40.Kf1 Rff5 41.Ne4 Rd3 42
.Kg2 Rd1
43.Rc3 Re1 44.Re3 Rd1 45.Rc3 Re1 46.Re3 Rb1 47.Re2 Rd1 48.Nd2 Rg5+ 49.
Kh2 Rgg1
50.Nf3 Rh1+ 51.Kg2 g5 52.Re7 Kg6 53.Re8 f6 54.Rg8+ Kf7 55.Rh8 Ke7 56.R
h7+ Ke6
57.Rh6 Kf5 58.Nd4+ Ke5 59.Nf3+ Kf5 60.Nd4+ Ke5 61.Nf3+ Kd5 62.Rxf6 Ke4
63.Rf7
Kd3 64.Rd7+ Kc4 65.Rg7 Kb3 66.Rxg5 Ka3 67.Rh5 Rb1 68.Rxh4 Rhd1 69.Rh7
Rb4 70.h4
Rg4+ 71.Kh3 Rf4 72.Kg3 Ra4 73.h5 Rd5 74.h6 Rh5 75.Nh2 Rg5+ 76.Kh3 Rh5+
77.Kg3
Rg5+ 78.Kh3 Rh5+ 79.Kg3 1/2-1/2
```

See also

- [Food](#)

Forum Posts

- [Hotpotatos aka uchess](#) by Aaron, [Winboard Forum](#), April 01, 2002

- [smallpotato 0.3.2 released](#) by [Alejandro Dubrovsky](#), [Winboard Forum](#), April 03, 2002
- [Small Potato 0.4.0 released](#) by [Alejandro Dubrovsky](#), [Winboard Forum](#), July 16, 2002
- [Small Potato 0.5.0 released \(and website moved\)](#) by [Alejandro Dubrovsky](#), [Winboard Forum](#), August 03, 2002
- [Small Potato 0.5.1 released](#) by [Alejandro Dubrovsky](#), [Winboard Forum](#), August 17, 2002
- [potato 0.6 aka "Sucking tiny potatoes through a straw ..."](#) by [Alejandro Dubrovsky](#), [Winboard Forum](#), September 17, 2002
- [WBEC Qualify Group B - Come on Small Potato!!](#) by [Ross Boyd](#), [Winboard Forum](#), April 04, 2003
- [Small Potato 0.6.1 released](#) by [Alejandro Dubrovsky](#), [Winboard Forum](#), September 25, 2003

External Links

Chess Engine

- [Small Potato Homepage](#)
- [alito/smallpotato · GitHub](#)
- [Small Potato | Free Games software downloads at SourceForge.net](#)
- [NC3 2004 - List of Entries](#)
- [SmallPotato](#) from [WBEC Ridderkerk](#)
- [Small Potato 0.6.1](#) in [KCEC](#)
- [Small Potato 0.6.1](#) in [CCRL 40/4](#)

Misc

- [small potatoes - Wiktionary](#)
- [Small Potatoes \(disambiguation\) from Wikipedia](#)
- [Potato from Wikipedia](#)
- [Genetically modified potatoes](#)
- [Zukertort Opening: The Potato \(A06\) - Openings - Chess.com](#)

References

1. [^ Small Potato Homepage](#)
2. [^ Russet Burbank potato from Wikipedia](#)
3. [^ NC3 - 2003 Australian National Computer Chess Championship](#) by [Thomas McBurney](#)

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