

Table of Contents

[Description](#)

[Native GUI](#)

[External Links](#)

[References](#)

[What links here?](#)

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

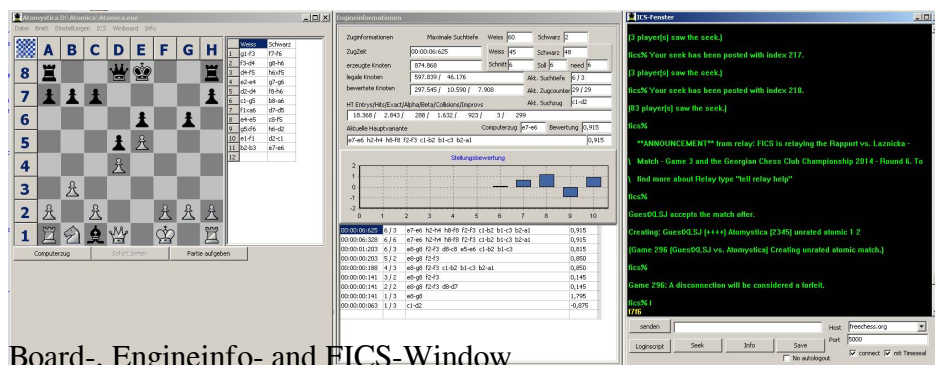
Atomystica,

a chess program which plays only the variant [Atomic Chess](#) ^[1], using the rules from [FICS](#) ^[2]. The development of the program started in April 2014. The program, written in [Delphi](#), has its own [GUI](#), but can also be operated via the [Chess Engine Communication Protocol](#) with [WinBoard](#). But the Program do not support all functions of the protocol.

Description

The program uses [piece-lists](#) and a [10x12 board](#) for the internal [board representation](#). It applies [alpha-beta](#) inside an [iterative deepening](#) framework, further using the [killer moves](#), [relative history heuristic](#), [null-move heuristic](#), [transposition tables](#) and some other ideas for [move ordering](#). Under his name, the program plays on FICS with a rating from 2300 to 2400 points. On the server Atomystica uses an [opening book](#) with about 170,000 positions and some as many moves, separated in a white and a black book. The opening books were automatically generated out of the topgames played on FICS.

Native GUI



Board-, Engineinfo- and FICS-Window

External Links

- [The Author's blog on Atomic and Atomystica self. English/German](#)
- [current finger Notes and Rating on FICS](#)

References

1. [^ Atomic chess from Wikipedia](#)
2. [^ The Rules of Atomic Chess \(as played at FICS\)](#) (pdf)

What links here?

Page

[Atomystica](#)
[Engines](#)

Date Edited

Oct 2, 2014

Mar 10, 2018

[Up one Level](#)