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chess4j,

an [open source chess engine](#) written by [James Swafford](#) using [Java](#) based technologies and the [Chess Engine Communication Protocol](#), released under the [MIT License](#), and first published in September 2012^[1]. The engine was hosted on [SourceForge](#), and meant to be a test bed for various interests, including experimenting with different [JVM based languages](#), [parallel](#) and [distributed](#) programming techniques, and [machine learning](#). Since version 3.2 released in March 2017, chess4j became a [bitboard](#) engine, using [magic bitboards](#) to [generate moves](#)^[2], now hosted on [GitHub](#).

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- [Prophet](#)

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- [Mr.James Swafford and Chess4J project](#) by [Ruxy Sylwyka](#), [CCC](#), September 11, 2012
- [chess4j 3.0 is released](#) by [James Swafford](#), [CCC](#), January 16, 2016
- [chess4j 3.1 released](#) by [James Swafford](#), [CCC](#), February 12, 2017
- [chess4j 3.2 is released \(and it's magic\)](#) by [James Swafford](#), [CCC](#), March 11, 2017
- [Re: chess4j 3.2 is released \(and it's magic\)](#) by [Günther Simon](#), [CCC](#), November 16, 2017
- [hashing in chess4j](#) by [James Swafford](#), [CCC](#), December 30, 2017 » [Transposition Table](#)

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- [GitHub - jswaff/chess4j: a Java based chess engine](#)^[3]
- [chess4j | James Swafford Blog](#)
[Hashing in chess4j](#) by [James Swafford](#), December 30, 2017

- [Chess4j](#) in [CCRL 40/4](#)

References

1. [^ chess4j 1.0 is released!](#) by [James Swafford](#), September 15, 2012
2. [^ chess4j 3.2 is released \(and it's magic\)](#) by [James Swafford](#), [CCC](#), March 11, 2017
3. [^ Re: chess4j 3.2 is released \(and it's magic\)](#) by [Günther Simon](#), [CCC](#), November 16, 2017

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