

N-Queens Configuration Project

Intelligent Systems Programming 2014

Jakob Melnyk, jmel@itu.dk
Jacob Claudius Grooss, jcgr@itu.dk

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Introduction

Implementation

Building the BDD

Adding the rules for the problem

Inserting a queen

Getting the valid domains

Conclusion

We conclude that we have successfully implemented the N-Queens configurator using the supplied BDD package. We have tested our solution on board sizes 1-12. The configurator offers no solutions on sizes 2-4 (as there are none for the Queens problem). On our machines, the configurator runs at an acceptable speed.