Cosc427 Assignment 2
Sudoken - Design Document

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1 Introduction

This document describes the design patterns used in a extensible solver for grid-based number puzzles such as Sudoku, Futoshiki, and Jigsaw Sudoku. A plugin architecture is used to support runtime composition and extension of the set of supported puzzle types, with plugins for additional puzzle types able to be automatically detected and loaded without (lowlevel) user intervention.

... todo: summary of key components ...

2 Core Framework

3 Extensions System

4 Plugins

5 Conclusion