Cryptocrossword

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# Introduction

Have you ever encountered a cryptographic puzzle? In that case you may have pondered how you would go about solving it, and what solution would be superior? In this project we have constructed a program that allows you not only solve, but create crypto puzzles of your own! By using this document and our software, you can quickly grasp the fundamentals of crypto crosswords in addition to making ones for your friends to solve as well!

This program is able to create and solve cryptographic puzzles. For solving it uses a dictionary and recursively tests all possible combinations of bindings between words and number until a solution is reached.

The program creates puzzles by receiving a list of words from the user and then tries to make a puzzle as concise as possible.

# User manual

So you want to create a puzzle? (For dummies)

# Documentation

How we did it. Including:

## Data Structures

## Algorithms

## Function Description

### The solve function

### The generate function

# Difficulties

If it is described here it is no longer a bug, it is a feature.