

# Embedded Type Search in Agda (Extended Abstract)

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## 1 Introduction

## 2 Problem Setup on a Concrete Example

### 2.1 Subproblem 1

### 2.2 Subproblem 2

### 2.3 Subproblem n

## 3 Theoretical Setup

## 4 Solution

### 4.1 Method 1

### 4.2 Method 2

### 4.3 Method n

## 5 Implementation(In-Progress)

## 6 Extensions

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