

# A cool title

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Title that Describes the Contribution that Solves a Problem O. Thor C. O. Ottohr  
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## Abstract

In this context... We consider this problem P... P is a problem because... We propose this solution... Our solution solves P in such and such way.

## 1 Introduction

### Context

#### Problem

- Problema: Quiero tener reglas de reescritura, para poder transformar código, por ejemplo para hacer refactors, para tener buscadores de más alto nivel, browsear código más fácil simplificar todas esas tareas dejar una API que permita hacerlo programáticamente

- Por qué es interesante:

- Como lo atacamos: hay una herramienta desarrollada, tiene algunos problemas, hay un blog sobre el tema.

- En que se diferencia de cosas ya hechas: Al ser parte del lenguaje, liberar memoria pasa a ser un concern de alto nivel, que podríamos cambiar, reprogramar y mejorar. Otras soluciones que intentan mejorar el uso de memoria implican (a) el cambio de máquinas virtuales o la compactación de código (bytecode) dificultando el cambio (b) escribir implementaciones ad-hoc que pueden resolver los problemas solo parcialmente, en vez de tratarlo como un concern que atraviesa varias aplicaciones.

Known tracks for solutions here you want to show that you are not an idiot not knowing what have been around

What our solution is Set and OrderedCollection (so that the reader knows where the paper is going)

Contribution of the paper una forma sencilla de definir búsquedas y transformaciones programáticamente búsqueda y transformación basados en ejemplos (utilizando una herramienta visual para manipular los ejemplos

Paper structure

## 2 Problem Description

Context, exposed with the **most precise terms possible** (don't open unwanted doors for the reader)

Probably set the vocabulary before to cut any misinterpretation

Constraints that influenced the solution (because the solution is not universal) *e.g.* our requirements for a solution, possibly not all satisfied. They should be sound and believable. Analysis of the criteria. Imagine that you are another guy having this problem do the constraint matches yours so that you could apply the solution

Problem = no hay una forma fácil de hacer transformaciones y búsquedas genéricas orientadas a un ejemplo

Factual solution tracks, to position... Our solution in a nutshell.

## 3 Proposed Solution

Free form, variable number of sections, technical details.

But in general do not mix solution and discussions/possible variation let that for discussion

## 4 Discussion

Discussion of actual solution vs. initial constraints from 2. Explain the space of the solution, why we made it this way.

Evaluation of the solution. How does the solution meet the criteria? Where does it succeed or fails...

## 5 Related Works

Other solutions in the domain, and a real comparison of our contribution with solutions from other people.

## 6 Conclusion

In this paper, we looked at problem P with this context and these constraints. We proposed solution S. It has such good points and such not so good ones. Now we could do this or that.

## macro example

look at it this is code

Class>>nknkjbkjbjb  
| grgr |  
grgrgrgg  
a :=

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## **References**