

# Dead Code Elimination

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Figure 1: Seattle Mariners at Spring Training, 2010.

## ABSTRACT

A clear and well-documented  $\text{\LaTeX}$  document is presented as an article formatted for publication by ACM in a conference proceedings or journal publication. Based on the “acmart” document class, this article presents and explains many of the common variations, as well as many of the formatting elements an author may use in the preparation of the documentation of their work.

## CCS CONCEPTS

• **Computer systems organization** → **Embedded systems**; *Redundancy*; Robotics; • **Networks** → Network reliability.

## KEYWORDS

datasets, neural networks, gaze detection, text tagging

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## 1 INTRODUCTION

Dead code causes unnecessary bloat, often can be easily removed, blah blah blah. Maybe give like 2 paragraphs about this.

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## 2 IMPLEMENTATION

Here we can talk about what we actually did.

### 2.1 If Statements

The primary parameter given to the “acmart” document class is the *template style* which corresponds to the kind of publication or SIG publishing the work. This parameter is enclosed in square brackets and is a part of the `documentclass` command:

```
\documentclass[STYLE]{acmart}
```

Journals use one of three template styles. All but three ACM journals use the `acmsmall` template style:

- `acmsmall`: The default journal template style.
- `acmlarge`: Used by JOCCH and TAP.
- `acmtog`: Used by TOG.

The majority of conference proceedings documentation will use the `acmconf` template style.

- `acmconf`: The default proceedings template style.
- `sigchi`: Used for SIGCHI conference articles.
- `sigchi-a`: Used for SIGCHI “Extended Abstract” articles.
- `sigplan`: Used for SIGPLAN conference articles.

### 2.2 While Loops

We can eliminate code in while loops blah blah blah

### 2.3 For Loops

We can eliminate code in for loops blah blah blah

### 2.4 Useless Variables

If a variable isn’t used we can remove it blah blah blah

### 3 TESTING METHODOLOGY

I'm thinking our main metric should be file size in bytes, since this is the main purpose of dead code elimination. We can also measure speed as well, but make it clear that it isn't as significant

### 4 RESULTS

We'll use tables, charts, and other stuff to make our basic testing look fancy. The better it looks, the more it'll look like we tried.

### 5 CONCLUSION

We can talk about our results and talk about how the simple examples could extend to bigger examples and that big code bases need dead code elim. Blah blah blah.

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**Table 1: Some Typical Commands**

Command	A Number	Comments
<code>\author</code>	100	Author
<code>\table</code>	300	For tables
<code>\table*</code>	400	For wider tables