Type Annotation Analysis Using the .NET Compiler Platform

by

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A Project Report Submitted in Partial Fulfillment of the Requirements for the Degree of Master of Science in Computer Science

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Month Year
The project “Type Annotation Analysis Using the .Net Compiler Platform” by Theodore Charles Sill has been examined and approved by the following Examination Committee:

Dr. Matthew Fluet  
Professor  
Project Committee Chair

Dr. Learned Hand  
Associate Professor

Dr. Earl Warren  
Professor
Dedication

To my wife Aileen for believing in me when I did not believe in myself.
Acknowledgments

I am grateful for ...
Abstract

Type Annotation Analysis
Using the
.NET Compiler Platform

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This should be a short description of the work and the results: a paragraph or two summarizing your project. Note that abstracts are meant to be read independently from the rest of the project report so you cannot cite your paper or other papers in it. It would be useful to examine other abstracts in the papers you have read to understand what an abstract really is.
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Chapter 1

Introduction

• Background: should be sufficient for the reader understand the rest of the report, but perhaps not too long to put the reader to sleep.

• Basic problem definition and motivation

• Approaches used to solve the problem (related work)

• Hypothesis: what you think the problem is and how your solution approach will address the problem

• Roadmap: how the rest of your report is laid out

And yes, this is how you cite a paper by Dumont [1]. [4]. [2]. [3].

And here are examples of how to include figures and tables in the text. Please note that the captions go below for figures and above for tables.

Table 1.1: The Dog Table is Below

<table>
<thead>
<tr>
<th>tag</th>
<th>breed</th>
<th>age</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Fido</td>
<td>2</td>
</tr>
<tr>
<td>14</td>
<td>Fifi</td>
<td>4</td>
</tr>
</tbody>
</table>

For both tables and figures, the optional argument controls placement as shown:

• h is Here, i.e., the position in the text where the table environment appears.

• t is Top, i.e., the top of a text page.
Figure 1.1: The CS Logo is Above

- b is Bottom, i.e., at the bottom of a text page.

- p is Page of floats, i.e., on a separate float page, which is a page containing no text, only floats.

Anyway, you can find some easy tutorials on $\LaTeX$. 
Chapter 2

Design

- How you designed your solution
- Rationale for decisions
- Compare and contrast design with other approaches (related work)
Chapter 3

Implementation

(Note: this chapter may be merged with Chapter 2 to have a combined Design and Implementation chapter, if more appropriate.)

- Software details (use as many section as needed for class design, database tables, middleware, etc.)

- Make sure you present and comment on any interesting issues about your implementation that you are proud of or unhappy with

- Skip code listing and specific UML diagrams, etc. to an appendix
Chapter 4

Analysis

• How did you analyze your hypothesis? Experiments, what did you think were worth measuring, etc.

• Based on your measurements and qualitative analyses, how well did your approach work out?

• Use graphs, tables, and other diagrams to illustrate your analyses.

• Based on your analyses, how well does your implementation or approach match your hypothesis?

• What do you deduce from this effort? How would you change or tweak your hypothesis?
Chapter 5

Conclusions

The conclusions chapter usually includes the following sections.

5.1 Current Status

5.2 Future Work

5.3 Lessons Learned

Since I need to illustrate several items in the bibliography, I’ll do a cite for these references [?, ?, ?, ?, ?].
Bibliography


Appendix A

UML Diagrams

This is an optional appendix and can be eliminated if you don’t have anything to share here.
Appendix B

Code Listing

This is an optional appendix and can be eliminated if you don’t have anything to share here.
Appendix C

User Manual

This is an optional appendix and can be eliminated if you don’t have anything to share here.