



Newcastle University  
**School of Computing Science**

CSC3304 : Software Verification Technology  
Coursework 2011

# Model Checking Research Report

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Newcastle Upon Tyne, November 27, 2011

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Previous work</b>	<b>1</b>
<b>3</b>	<b>Results</b>	<b>1</b>
<b>4</b>	<b>Conclusions</b>	<b>1</b>

## Abstract

Model checking tools can be used to verify a wide variety of systems. You can find a great deal of published literature and practical applications of model checking from a variety of sources. Your task is to conduct research into a "real world" application of model checking that is of interest to you, and prepare a short report (Not more than 1200 words). In your report describe the context, and the software / hardware system(s) that required verification. Explain the properties that required verification, and why model checking was chosen. Describe briefly the model checking tool and language used, and explain the methodology and how they were used to model and verify the systems intended. ...

## 1 Introduction

This is time for all good men to come to the aid of their party!

**Outline** The remainder of this article is organized as follows. Section 2 gives account of previous work. Our new and exciting results are described in Section 3. Finally, Section 4 gives the conclusions.

## 2 Previous work

A much longer L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> example was written by Gil [?].

## 3 Results

In this section we describe the results.

## 4 Conclusions

We worked hard, and achieved very little.

## References