

Validating code and compilers: Coq (ocaml),  
compcert, hol (ocaml), isabelle, agda (haskell)

Adam Boulton ([www.boulton.it](http://www.boulton.it))

July 22, 2024

# Contents

I	Introduction	2
II	coq - functional and written in ocaml	3
1	coq	4
III	Others, including hol light (written in ocaml), isabelle formal prover, agda (written in haskell)	5

## Part I

# Introduction

## Part II

**coq - functional and written  
in ocaml**

# Chapter 1

## coq

### 1.1 Introduction

#### 1.1.1 Introduction

## Part III

Others, including hol light  
(written in ocaml), isabelle  
formal prover, agda  
(written in haskell)