



## More OCaml: Algorithms, Methods, and Diversions

By John Whitington

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### More OCaml: Algorithms, Methods, and Diversions By John Whitington

In *More OCaml* John Whitington takes a meandering tour of functional programming with OCaml, introducing various language features and describing some classic algorithms. The book ends with a large worked example dealing with the production of PDF files. There are questions for each chapter together with worked answers and hints.

*More OCaml* will appeal both to existing OCaml programmers who wish to brush up their skills, and to experienced programmers eager to explore functional languages such as OCaml. It is hoped that each reader will find something new, or see an old thing in a new light. For the more casual reader, or those who are used to a different functional language, a summary of basic OCaml is provided at the front of the book.

#### Chapters:

- Summary of Basic OCaml
- Our Working Environment
- Unravelling "Fold"
- Being Lazy
- Named Tuples with Records
- Generalized Input/Output
- Streams of Bits
- Compressing Data
- Labelled and Optional Arguments
- Formatted Printing
- Searching for Things
- Finding Permutations
- Making Sets
- Playing Games
- Representing Documents
- Writing Documents
- Pretty Pictures
- Adding Text
- Answers to Questions

- Hints for Questions
- Coping with Errors

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#### **About the Author**

John Whitington founded a software company which uses OCaml extensively. He teaches functional programming to students of Computer Science at the University of Cambridge.

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