

# DUBLIN HASKELL BOOKCLUB

**Chapter 3 4 and 5 25/11 2021**

# INTRODUCTION

- General Admin
- Introductions
- Any Functional related news or project updates
- How everyone found this months chapters
- What did people find the most difficult
- What did people find the most valuable
- Does the pace need to be changed?

# CHAPTER 3 - DEFINING TYPES, STREAMLINING FUNCTIONS

- New Data Types
- Algebraic Data types
- Pattern Matching
- Wild Card
- Recursive types
- Reporting Errors
- Where
- Case and Guards

# CHAPTER 4 - FUNCTIONAL PROGRAMMING

- Splitting Lines of text example
- Infix Functions
- Working with Lists
- How to think about loops
- Folds, Maps and Filters
- Lambda functions
- Currying

# CHAPTER 5 - WRITING A LIBRARY

- `Json parser`
- `Haskell modules`
- `Compiling`
- `Creating a Package cabal`