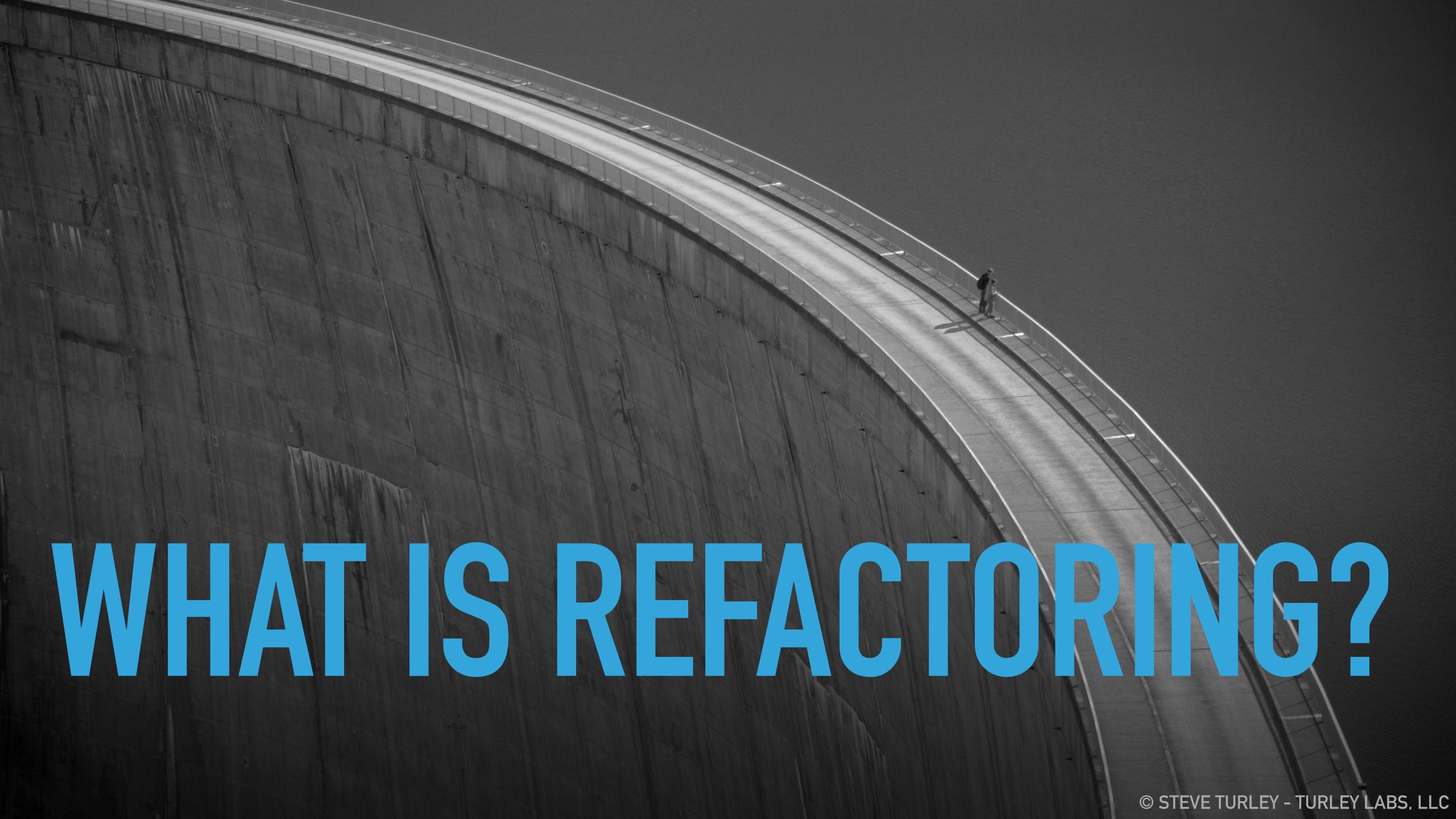
INTRODUCTION TO

REFACTORING





THE DISCIPLINED APPLICATION OF A SERIES OF SMALL, BEHAVIOR PRESERVING TRANSFORMATIONS

REFACTORED IT UTTERLY. SEEMS LEGIT BUT I HAVE TO TEST IT CAREFULLY.

An unnamed developer



WHY REFACTOR?

Make future change easier

- Make future change easier
- Make bugs easier to spot

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- Code is always shippable

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IT IS NOT TO MAKE THE CODE PRETTIER OR MEET YOUR DESIGN PREFERENCES!



WHEN DO I REFACTOR?

ALL THE TIME!

ALL THE TIME!

But in tiny bursts

HOW DO WE DO IT?







A SURFACE-LEVEL INDICATION OF AN UNDERLYING PROBLEM

Think about diapers

Mysterious Name

- Mysterious Name
- Long Method

- Mysterious Name
- Long Method
- Duplicate Code

- Mysterious Name
- Long Method
- Duplicate Code
- Switch Statements

- Mysterious Name
- Long Method
- Duplicate Code
- Switch Statements
- Complex Conditionals

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- Mysterious Name
- Long Method
- Duplicate Code
- Switch Statements
- Complex Conditionals
- Feature Envy
- Data Class