

# Testing and Refactoring Legacy Code

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What is this session  
about?

# Business Requirements

Imagine a social networking website for travellers

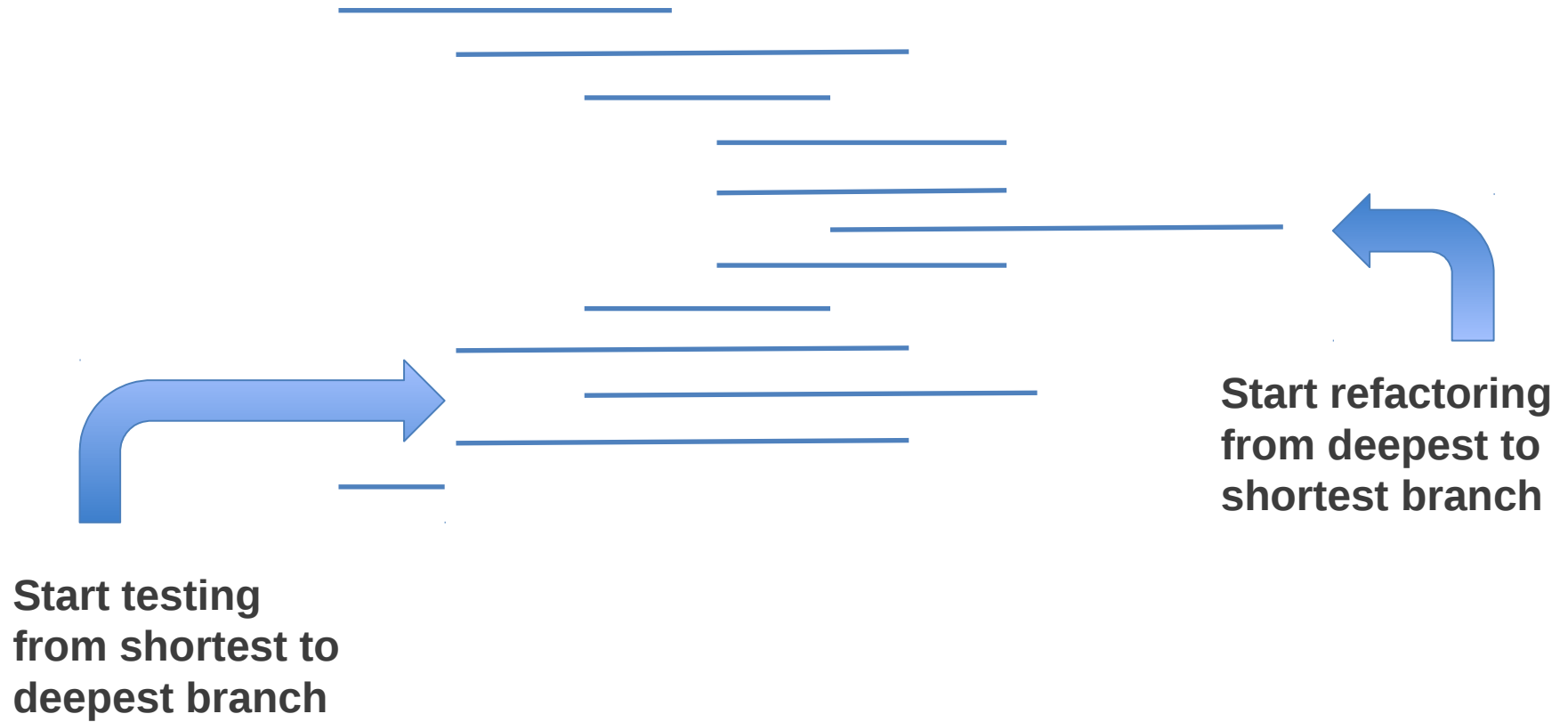
- You need to be logged in to see the content
- You need to be a friend to see someone else's trips

# Legacy Code Rules

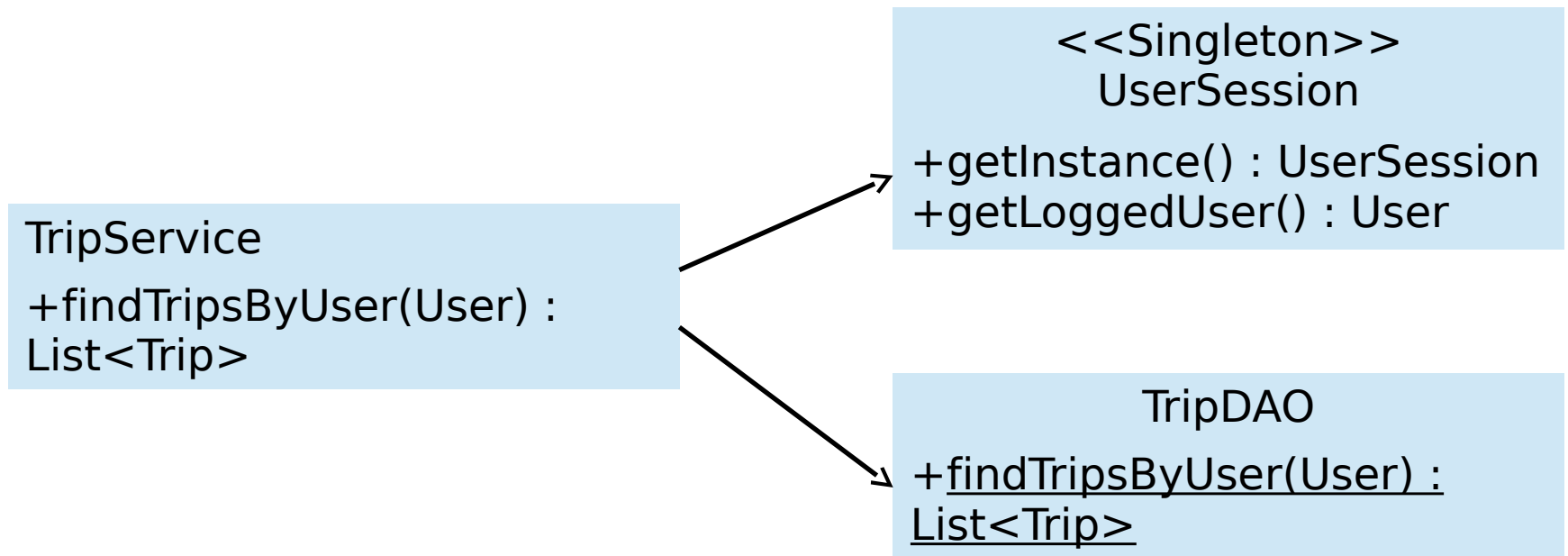
- You cannot change production code if not covered by tests
  - Just automated refactoring (via IDE) is allowed, in case it is needed for writing a test

Show me the code

# Working with Legacy Code Tips



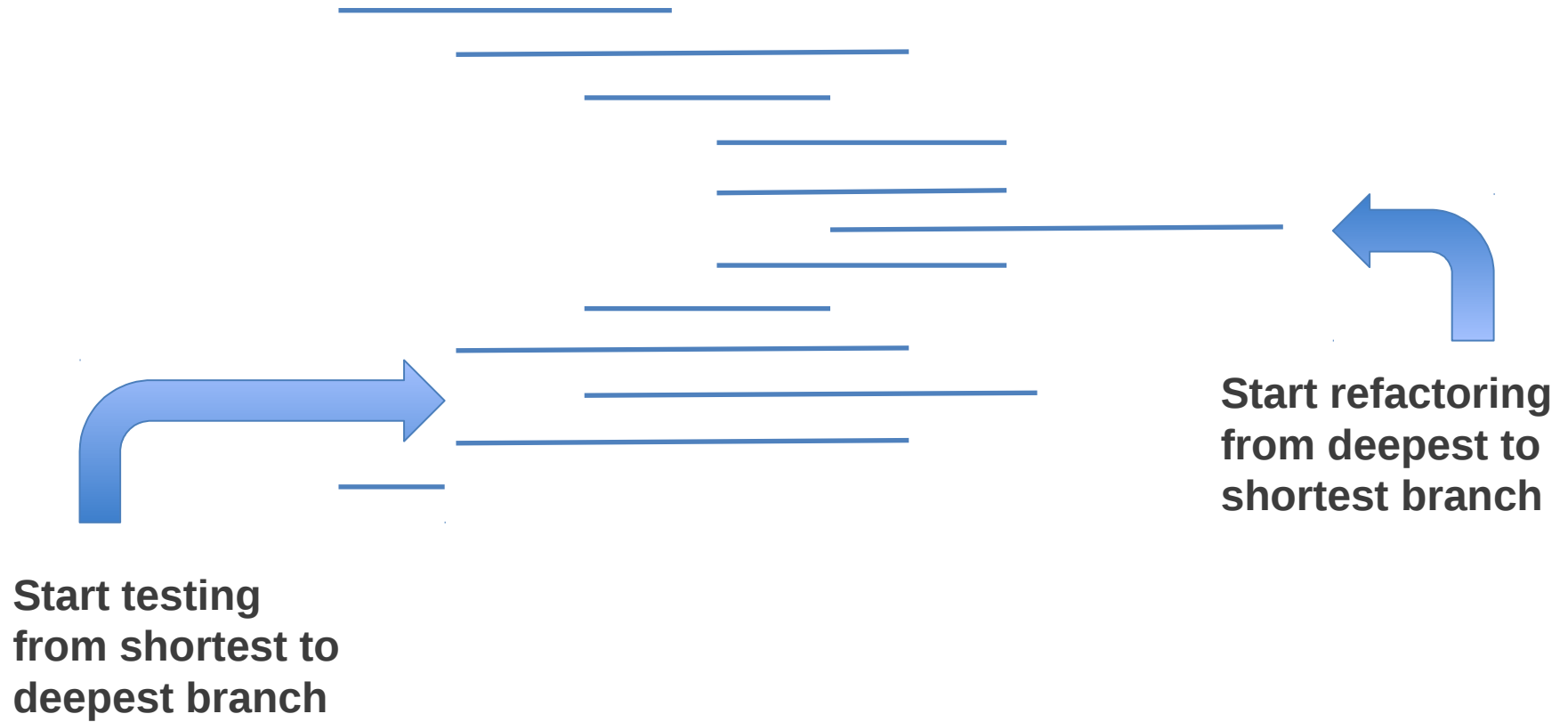
# Trip Service - Problems



Let's write some code



# Working with Legacy Code Tips



# Craftsmen at work

- Write readable and maintainable code and tests
  - Code must express business rules
- Strive for simplicity
- Know your tools well (i.e. frameworks, shortcuts)
- Work in small and safe increments
  - Commit often
- Embrace changes, be brave
- Boy scout rule / No broken windows

<https://github.com/sandromancuso/trip-service-kata>



[leanpub.com/socra](https://leanpub.com/socra)

# Thanks

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