HOW WE BUILD AND MIGRATED

our Spring Boot Applications to Kotlin

WARNING

This meeting will contain live coding,
so everything could (potentially) go wrong.

You will learn how to migrate a Spring Boot application
from Java to Kotlin

Spoiler: It’s not only the IntelliJ IDEA migration wizard….

IMAGE FROM
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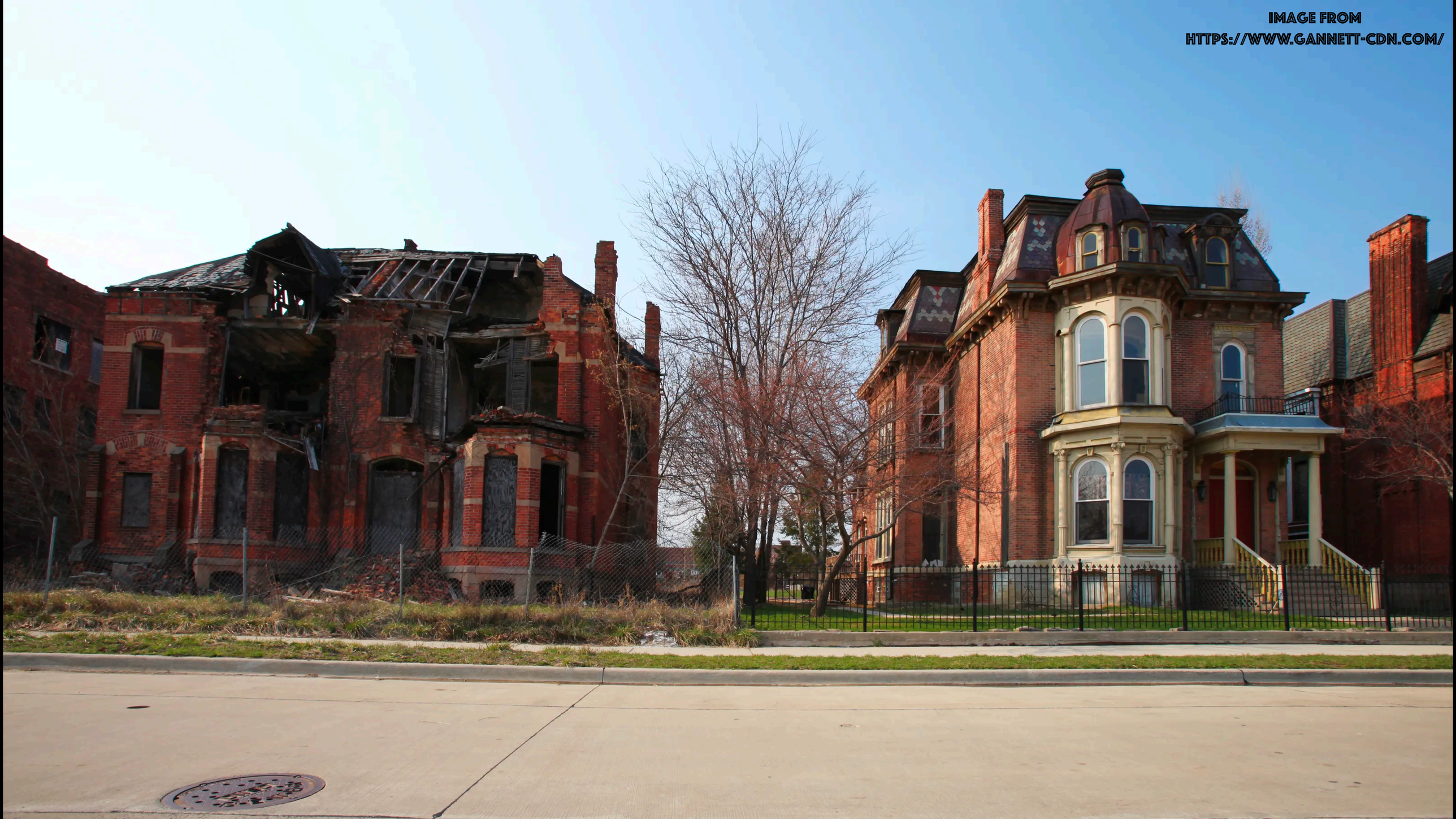
5 Tips
for moving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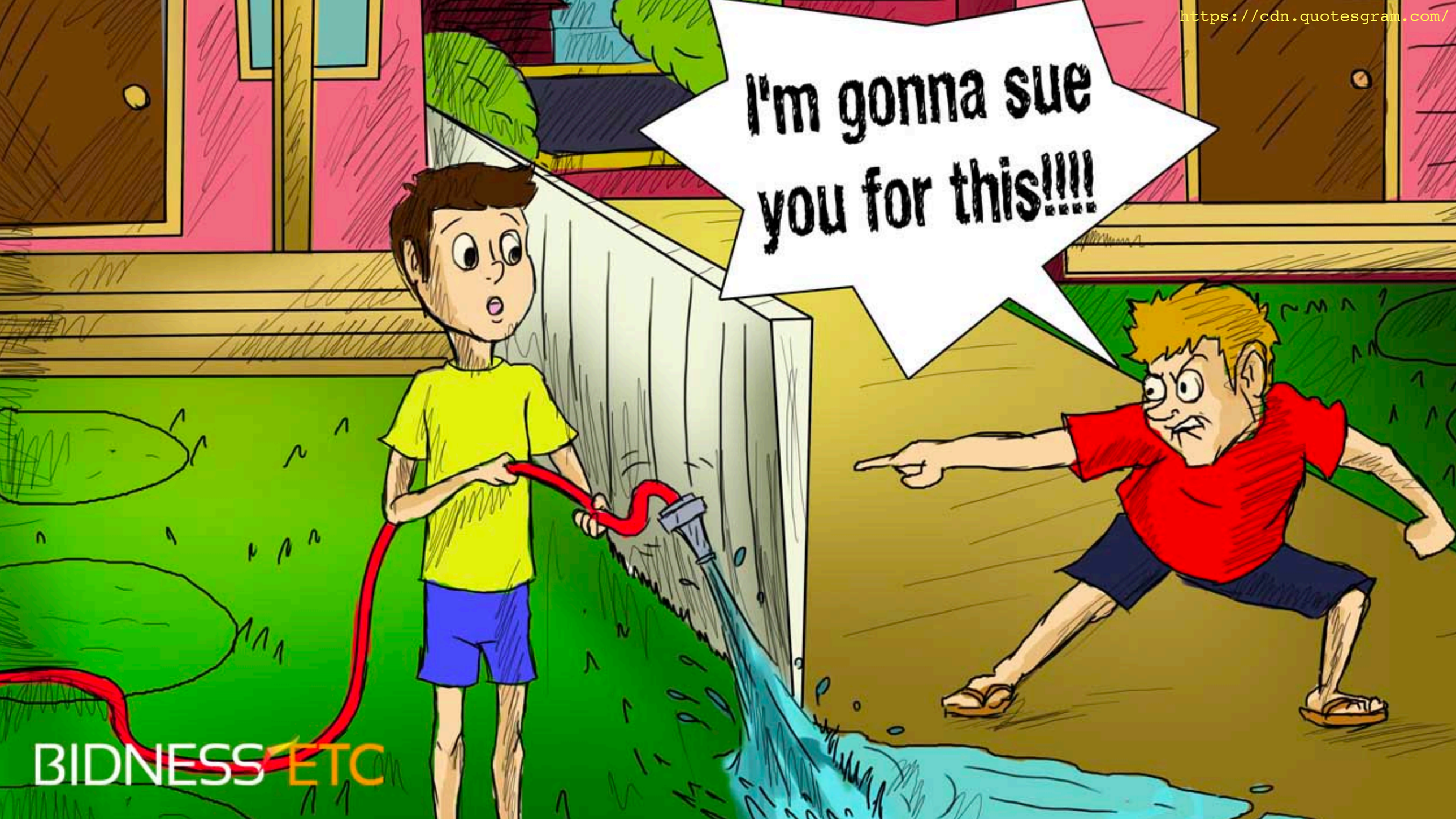

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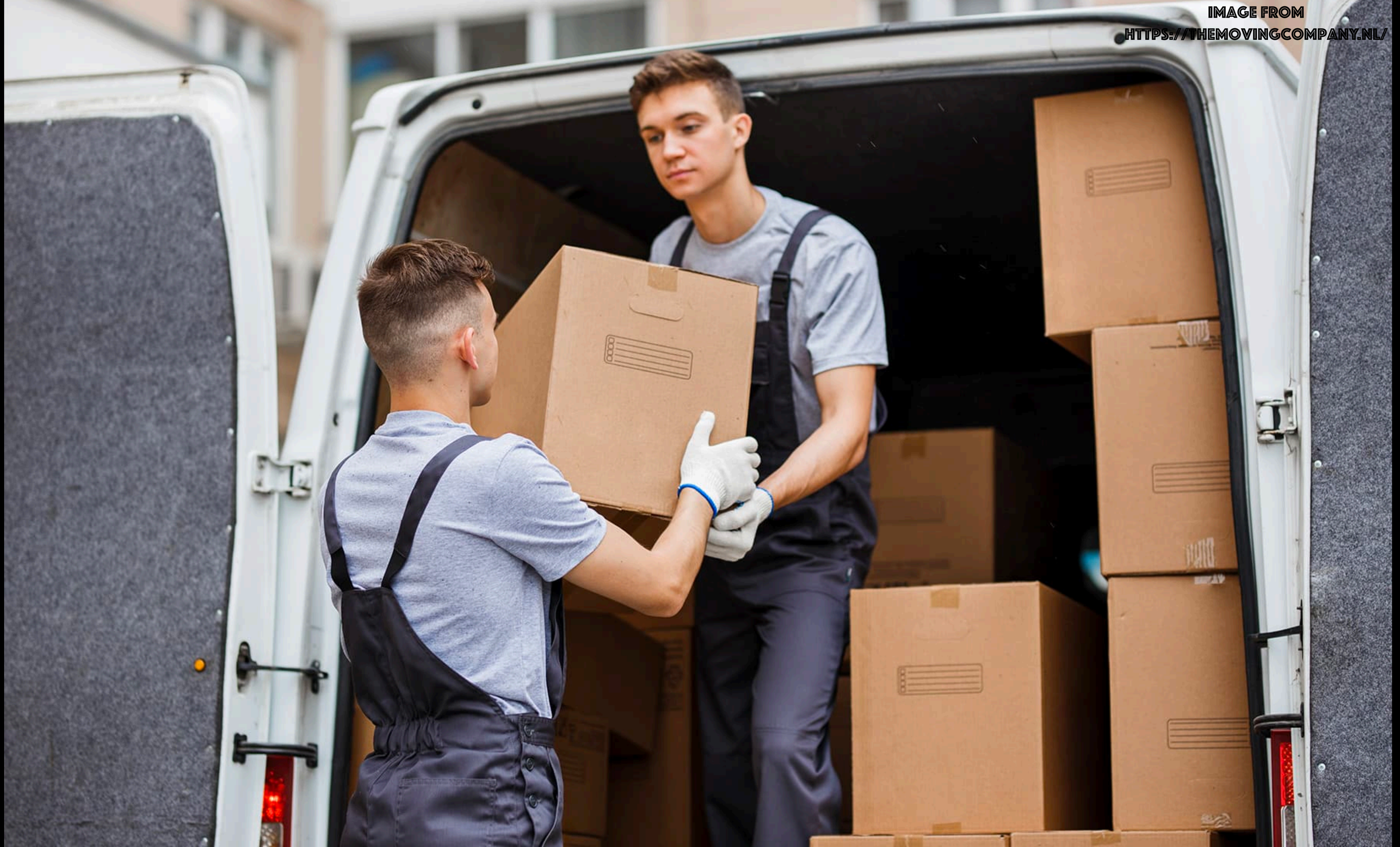

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I’m telling my experiences

Kotlin ambasador

Not a Kotlin Champion

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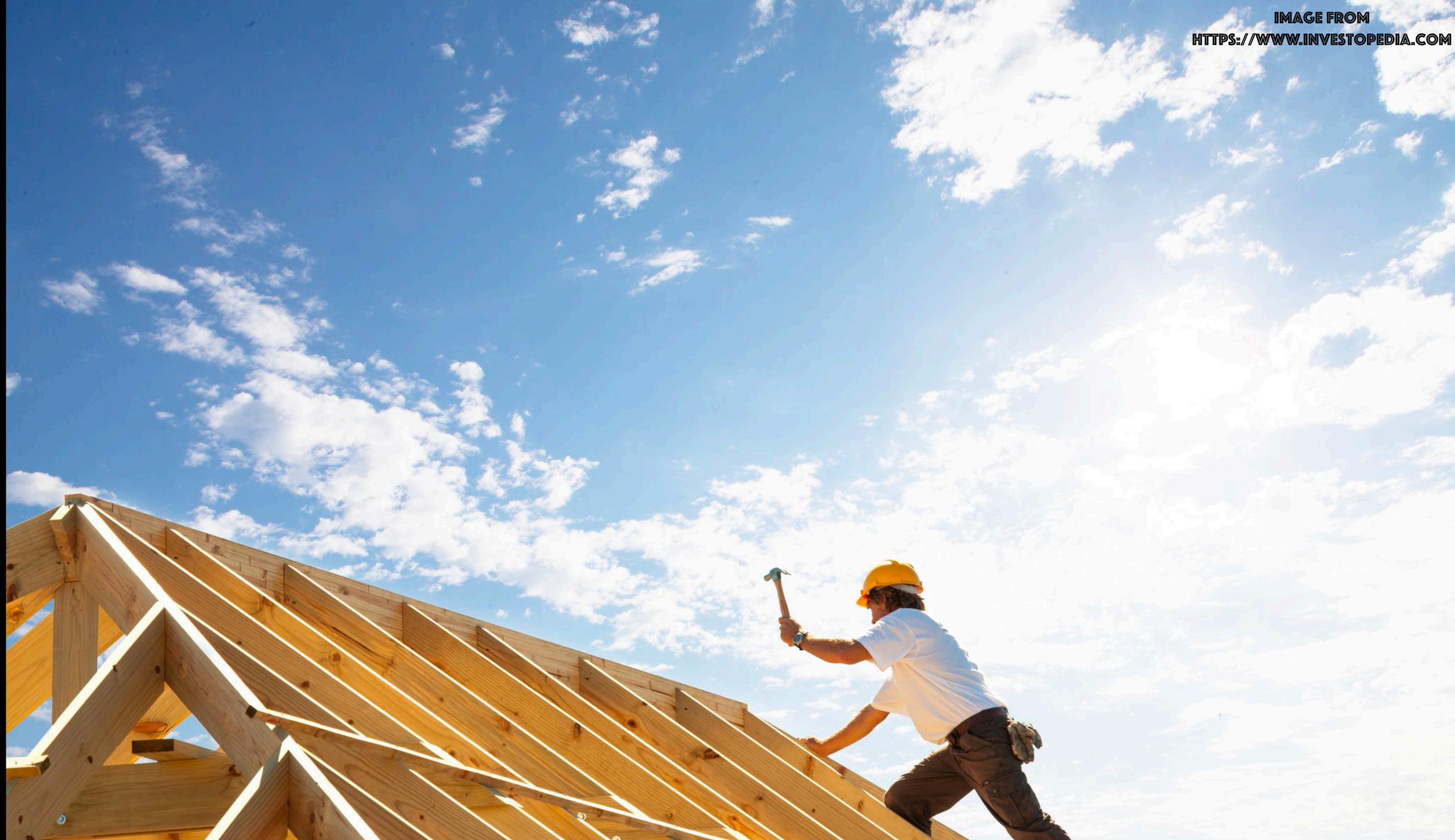
Agenda

- Different strategies
  - Class
  - Package
  - All

- It’s not only the IntelliJ IDEA wizard



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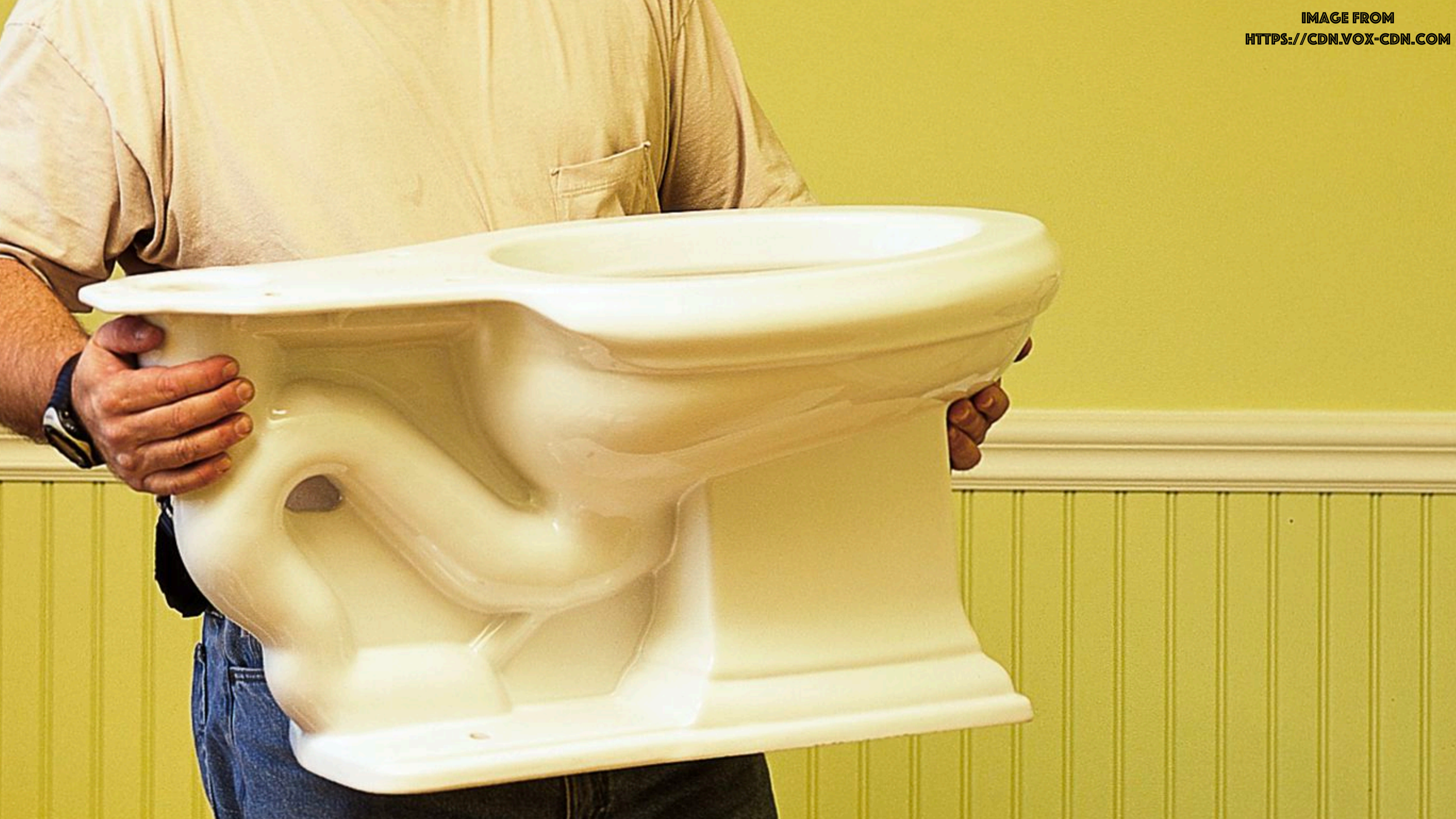
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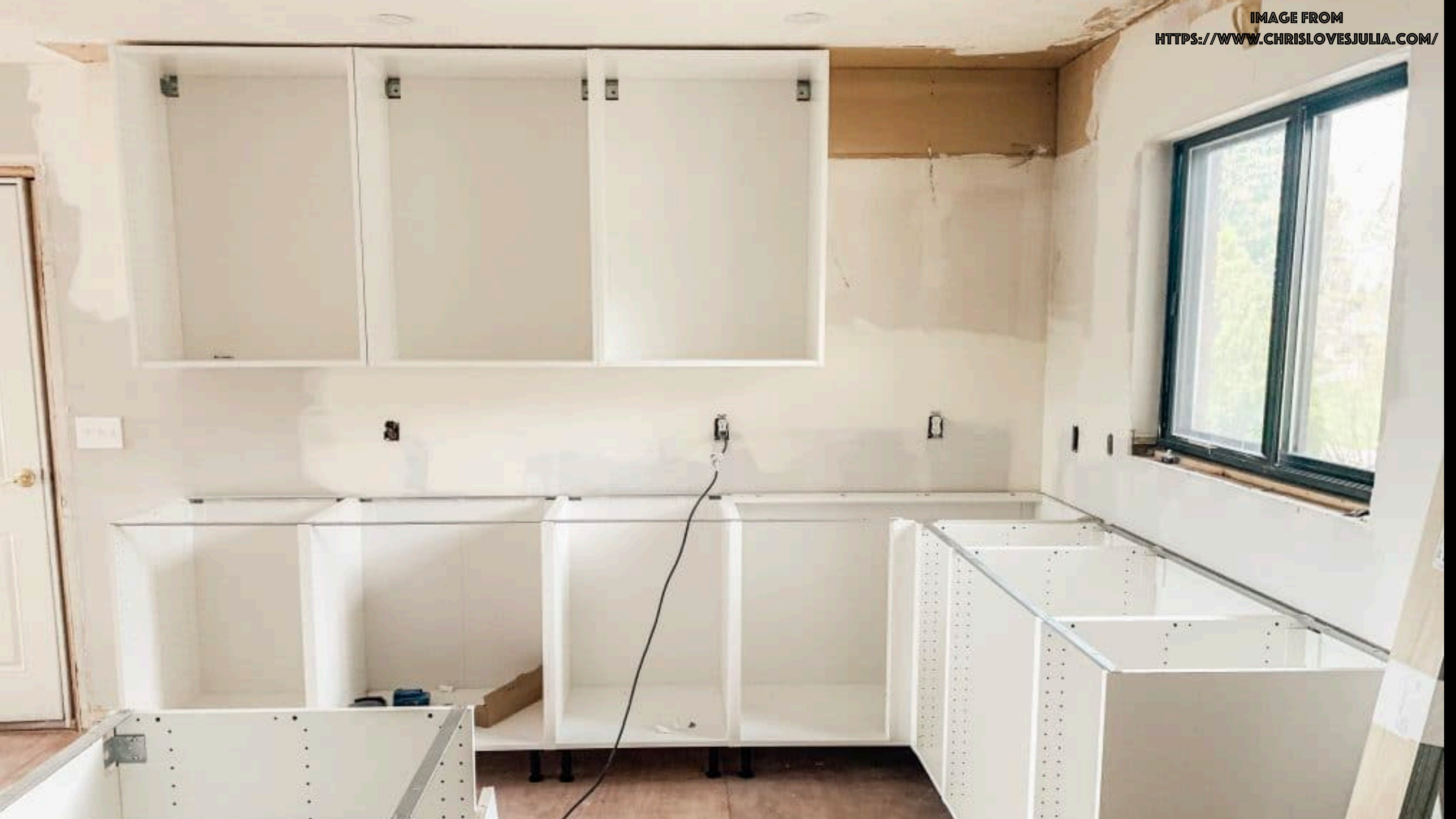
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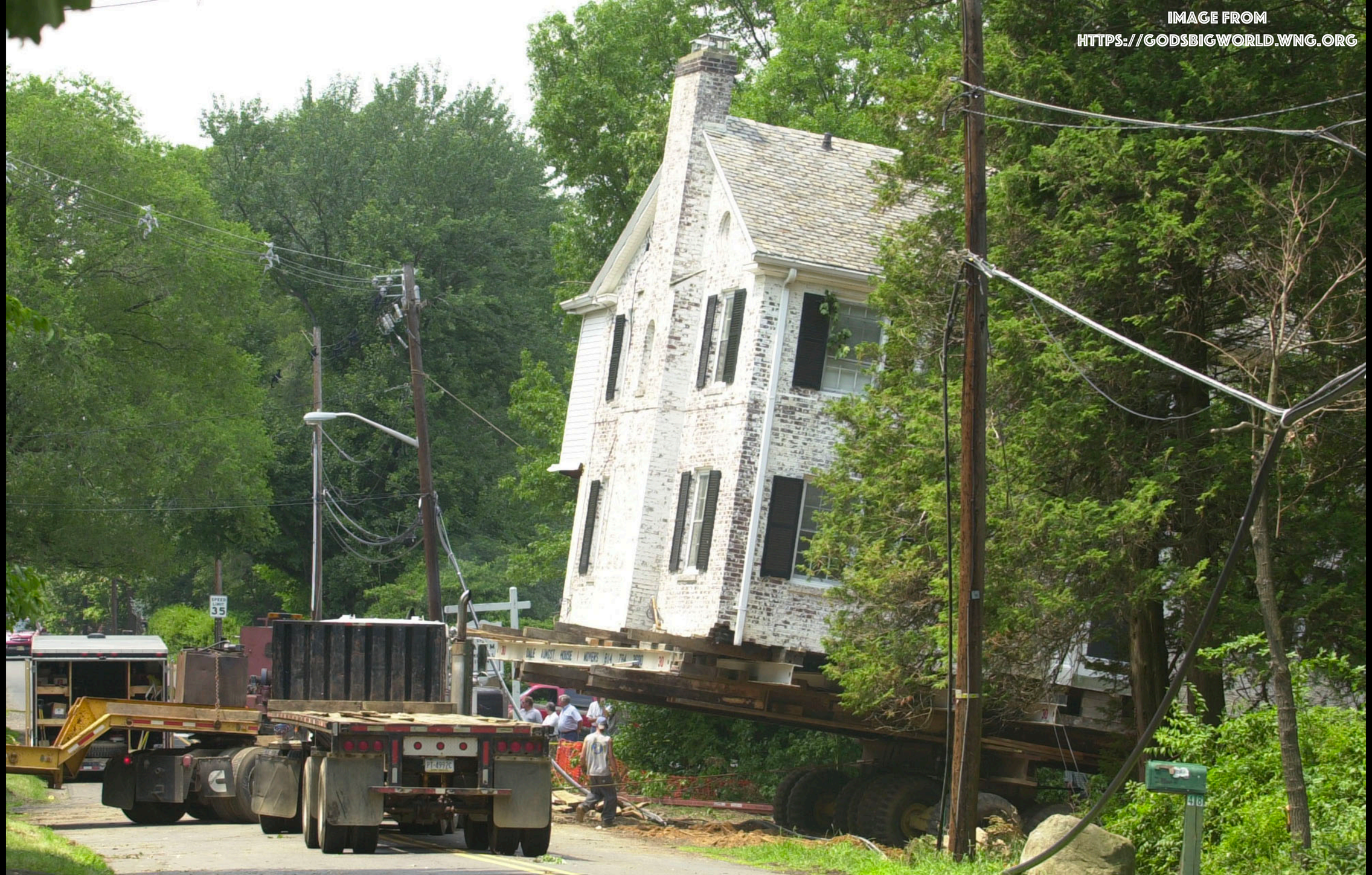
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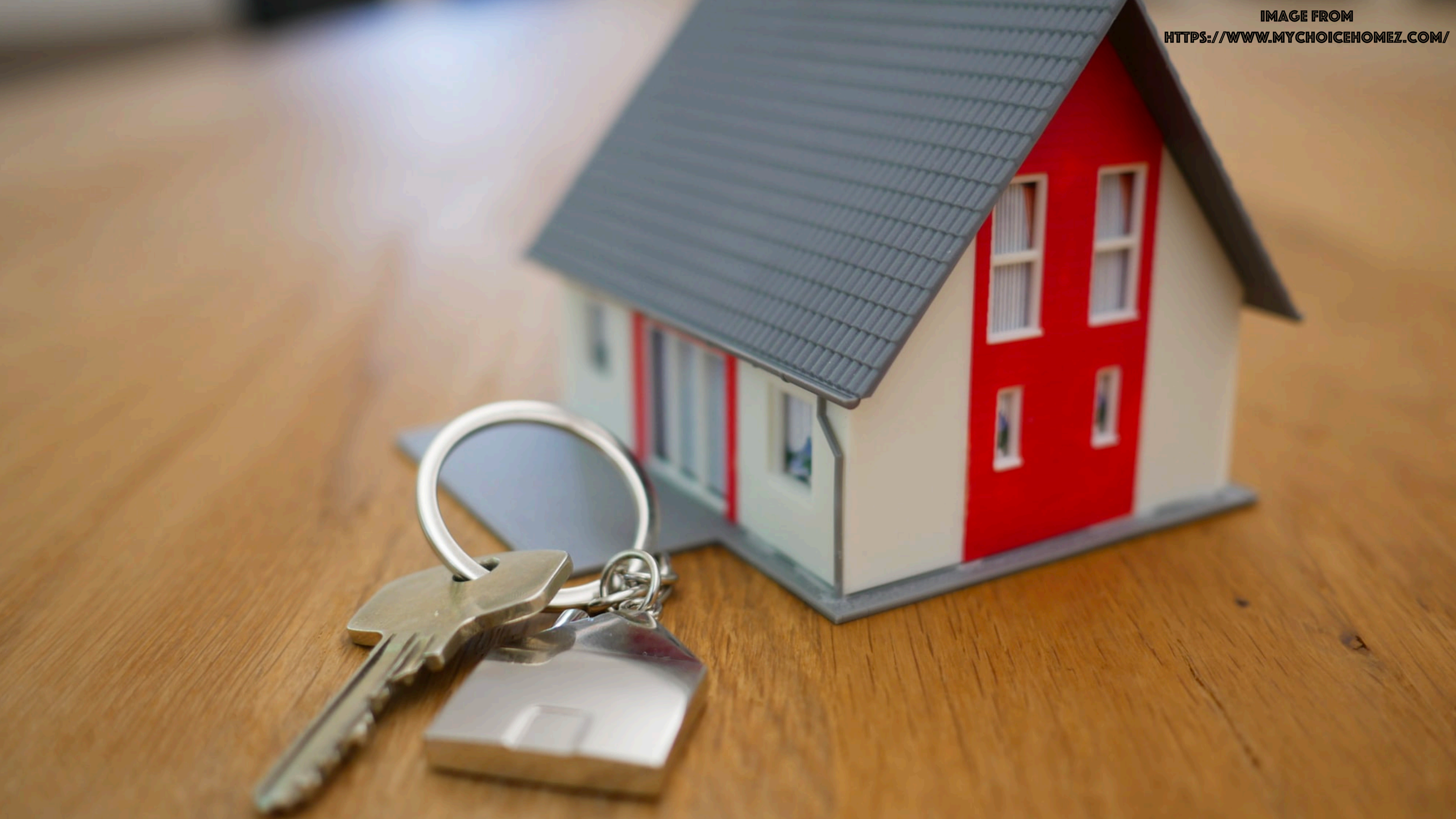
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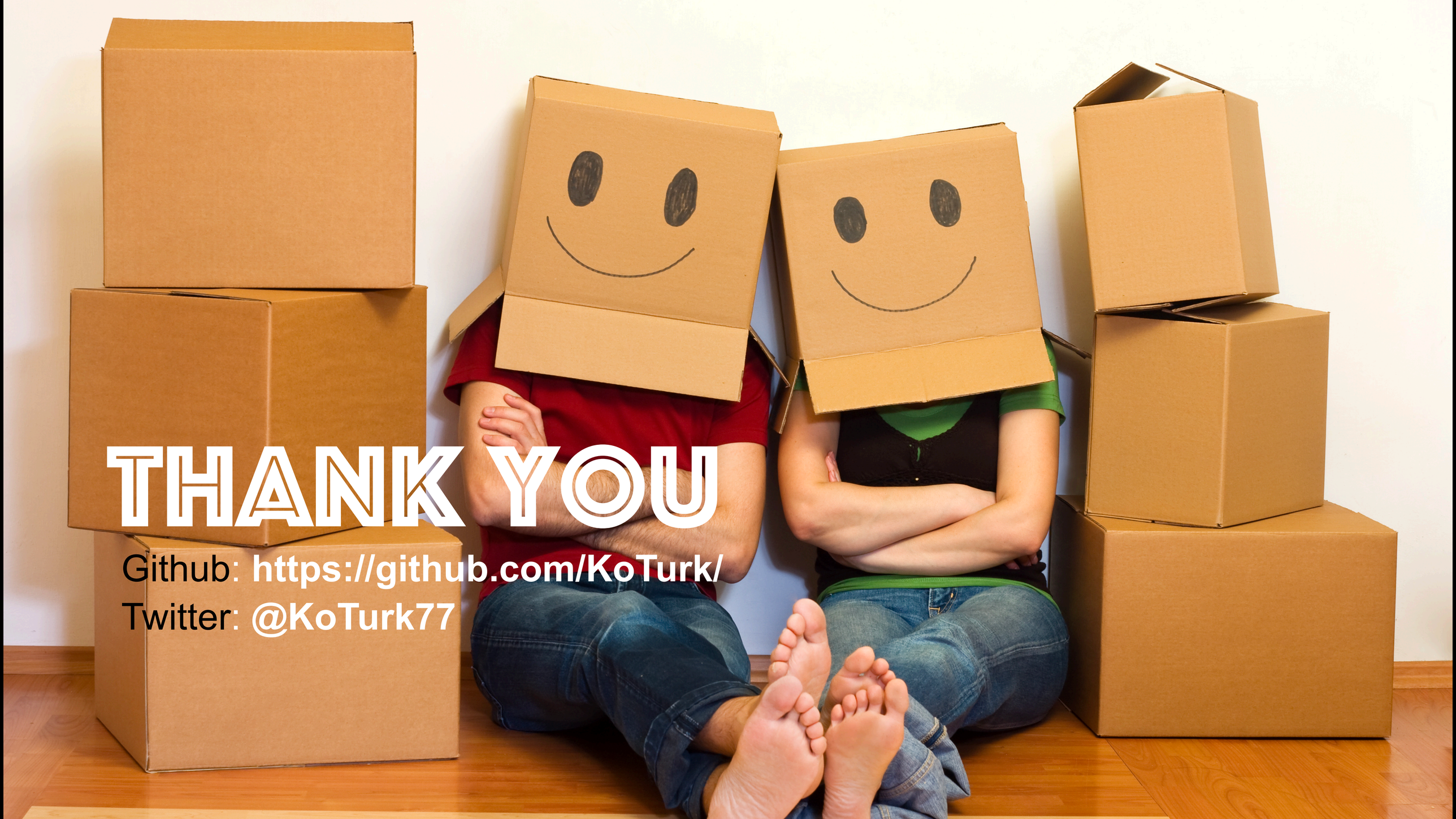
Key takeaways:

- simplicity	**-> migrating is simple!**
- begin simple	**-> use data classes, do not start with logic**
- do safe calls	**-> with .let, .also and ?:**
- make your code readable	**-> with idiomatic Kotlin!**


THANK YOU
Github: https://github.com/KoTurk/
Twitter: @KoTurk77

ABOUT COROUTINES

Coroutines aren't a snap-in replacement for threads. The fundamental difference is in the kind of API you're using. The rule of thumb is this:

- blocking API -> use a thread pool
- non-blocking (async) API -> use coroutines

So, if you can get a hold of an asynchronous mail-sending API, then by all means use coroutines with it. But if you're stuck with a blocking API, coroutines won't bring you much value. They can make it a bit more convenient to transfer a blocking operation out of the UI thread, but the mechanics will be the same with or without coroutines.