

FAQ: How Does Component Scan Work - Your Package Names are Different!

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Question

How does component scan work in this example? You have different package names.

You listed the component scan package as: `com.luv2code.springdemo`

But the our MVC controllers are defined in `com.luv2code.springdemo.mvc`

Answer

For the Spring attribute: `base-package="com.luv2code.springdemo"`

Spring will recursively scan for components starting at the base package: `"com.luv2code.springdemo"`

When I say "recursive", it means that Spring will start at the base package and scan all sub packages.

The package `com.luv2code.springdemo.mvc` is a sub package because of naming structure, just like folders on a file system.

As a result, it will be included in the scan.