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There is another **type-safe** *alternative* to specifying a base-package location as a String. <u>See the API here</u>, but I've also illustrated below:

42

@ComponentScan(basePackageClasses = {ExampleController.class, ExampleModel.class, ExmapleView.

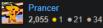
Using the **basePackageClasses** specifier with your class references will tell Spring to scan those packages (just like the mentioned *alternatives*), but this method is both **type-safe** and adds **IDE support** for future refactoring -- a huge plus in my book.

Reading from the API, Spring suggests creating a no-op marker class or interface in each package you wish to scan that serves no other purpose than to be used as a reference for/by this attribute.

IMO, I don't like the marker-classes (but then again, they are pretty much just like the package-info classes) but the type safety, IDE support, and drastically reducing the number of base packages needed to include for this scan is, with out a doubt, a far better option.

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answered Jan 24 '14 at 12:55



Could someone explain why @ComponentScan({"com.app", "com.controllers"}) doesn't work for me but @ComponentScan(basePackageClasses = {"com.controllers"}) does work nice ? I find it boring writing every class name – xaverras Oct 8 '15 at 14:19 /

3 You only have to specify one class in the package, for the package you want to scan. This is known as a marker class. If you need to scan a package higher in the hierarchy that has no classes, spring suggests a technique using a "spring marker" interface or final class defined in that package solely for the purpose of package scanning. – Prancer Oct 12 '15 at 11:54

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Provide your package name separately, it requires a string[] for package names.



Instead of this:



@ComponentScan("com.my.package.first,com.my.package.second")

Use this:

@ComponentScan({"com.my.package.first","com.my.package.second"})

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answered May 29 '12 at 7:23



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Another way of doing this is using the basePackages field; which is a field inside ComponentScan annotation.





@ComponentScan(basePackages={"com.firstpackage","com.secondpackage"})

If you look into the ComponentScan annotation .class from the jar file you will see a basePackages

dependent Ja

- 1 @ComponentScan on external library not working
- Autowiring component not referenced directly

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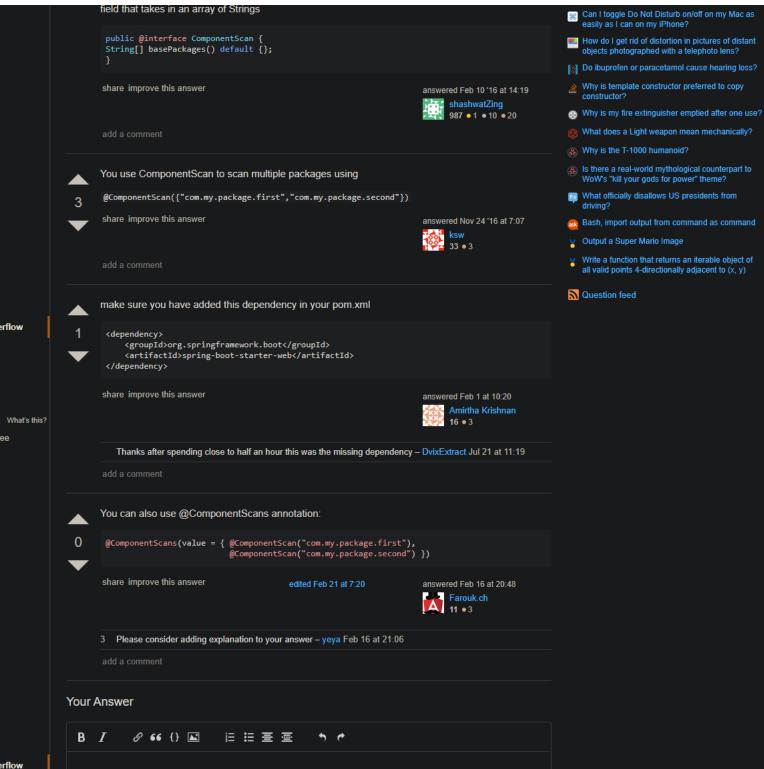
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