



CS544 EA
Spring

Dependency Injection Summary

Summary

- We've seen all the different ways to do DI:
 - XML: setter and constructor injection
 - Autowiring: byType, byName, by constructor
 - Annotations: @Autowired, @Resource, @Inject
 - Java Config: write your own factory method
- Again we see unity in diversity. Many different ways to inject the same dependency

What to use?

- Should you use XML, Annotations, or Java Config?
 - It depends... You should be able to use all!
- Advantage of Java Conf with Annotations is that it's quick and easy
 - People seem to like it (Spring Boot also requires it)
- The advantage of XML is that it is external
 - Changing XML config does not require a recompile
- Advantage of XML with Annotations:
 - In case of a conflict XML configuration always wins
 - Use annotations for dev, XML for test and / or deployment