

Advantages of Java Config and limitations

Advantages of Java Config over XML Config:

- ▶ Compile-Time Feedback due to Type-checking
- ▶ Refactoring Tools for Java without special support/plugins work out of the box with Java Config (special support needed for XML Config)

Advantages of Java Config over Annotation Based Config:

- ▶ Separation of concerns - beans configuration is separated from beans implementation
- ▶ Technology agnostic - beans may not depend on concrete IoC/DI implementation - makes it easier to switch technology
- ▶ Ability to integrate Spring with external libraries
- ▶ More centralized location of bean list

Limitations of Java Config:

- ▶ Configuration class cannot be final
- ▶ Configuration class methods cannot be final
- ▶ All Beans have to be listed, for big applications, it might be a challenge compared to Component Scanning

