

Difference between XML and Annotation

Absolutely, that's an important distinction to make. When using annotations, the metadata is associated directly with the class, meaning all instances of that class share the same metadata. This can sometimes limit flexibility, especially when you need different instances of the same type to have different characteristics.

On the other hand, XML configuration allows you to define metadata for each individual bean instance, providing more granularity and flexibility. This can be particularly useful when you have multiple beans of the same type and you want to distinguish between them based on their metadata.

In essence, while annotations offer convenience and readability, XML configuration provides finer control and flexibility in defining bean metadata. The choice between the two often depends on the specific requirements and preferences of the project.