



# Jhipster Domain Language (JDL)





# ABOUT ME

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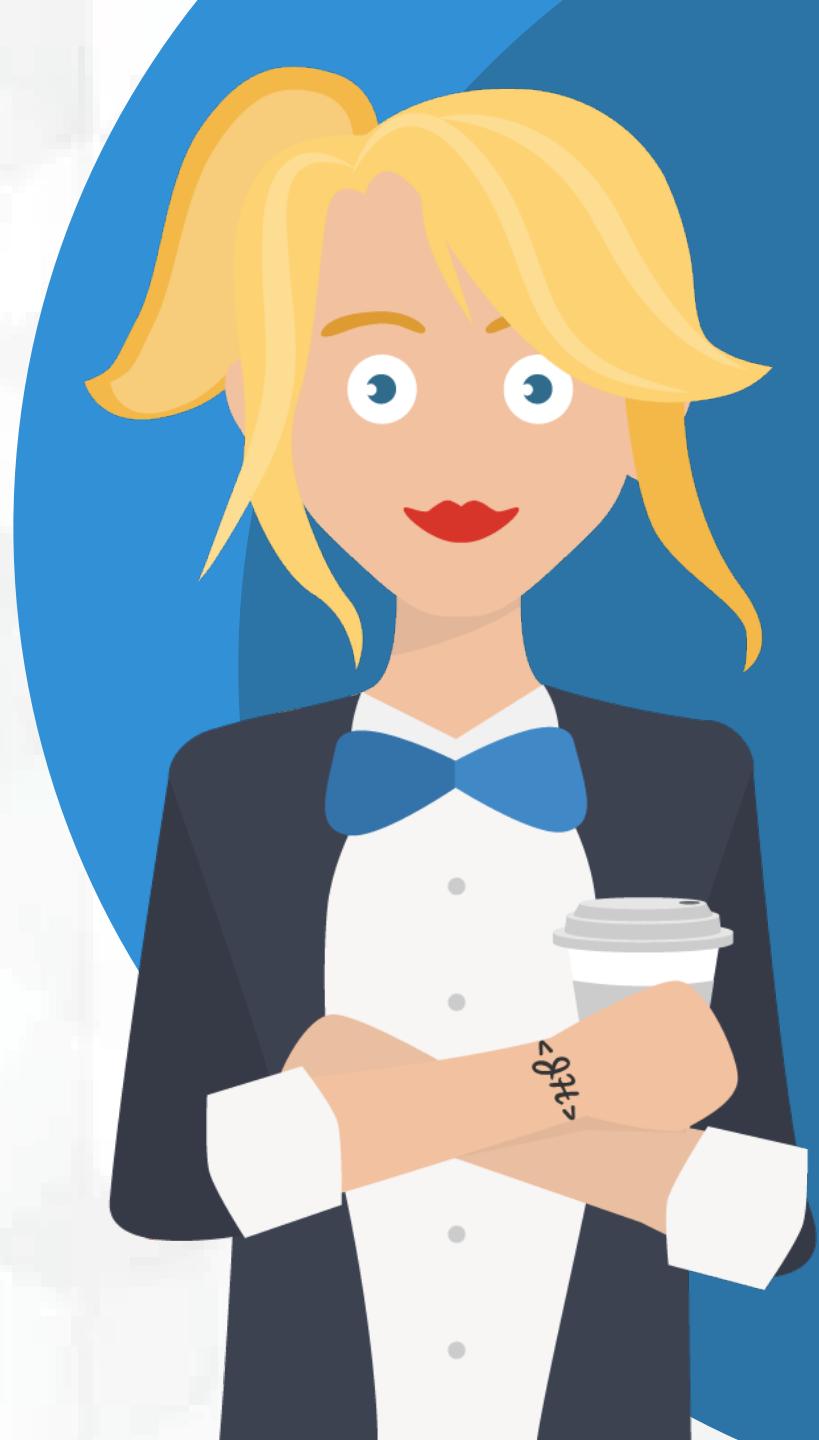




# What is JDL?

- JHipster-specific domain language
- Describe all applications, entities and their relationships in a single file (or more than one) with a user-friendly syntax.
- JDL is the recommended way to create entities.
- We can use online JDL-Studio or one of the JHipster IDE plugins/extensions

Read more: <https://www.jhipster.tech/jdl/intro>





# Getting Started

- Declare applications, entities and their relationships with JDL-Studio
- Download (with the extension ‘jh’ or ‘jdl’) the file
- Run `jhipster jdl my\_saved\_file.jdl` in JHipster application’s root folder





# Code Sample

```
application {  
    config {  
        baseName jhipster  
        applicationType monolith  
        serverPort 4242  
        buildTool maven  
    }  
}
```





# Some Application Configurations

JDL option name	Default value	Possible values
applicationType	monolith	monolith, microservice, gateway
databaseType	sql	sql, mongodb, cassandra, couchbase, no
reactive	false	
authenticationType	jwt	jwt, session, oauth2

Read more: <https://www.jhipster.tech/jdl/applications>





# Conclusion

In this session, we used JDL with Jhipster to create applications and entities. We also walked through important aspects of the created source code.



Thank  
you

JHipster

