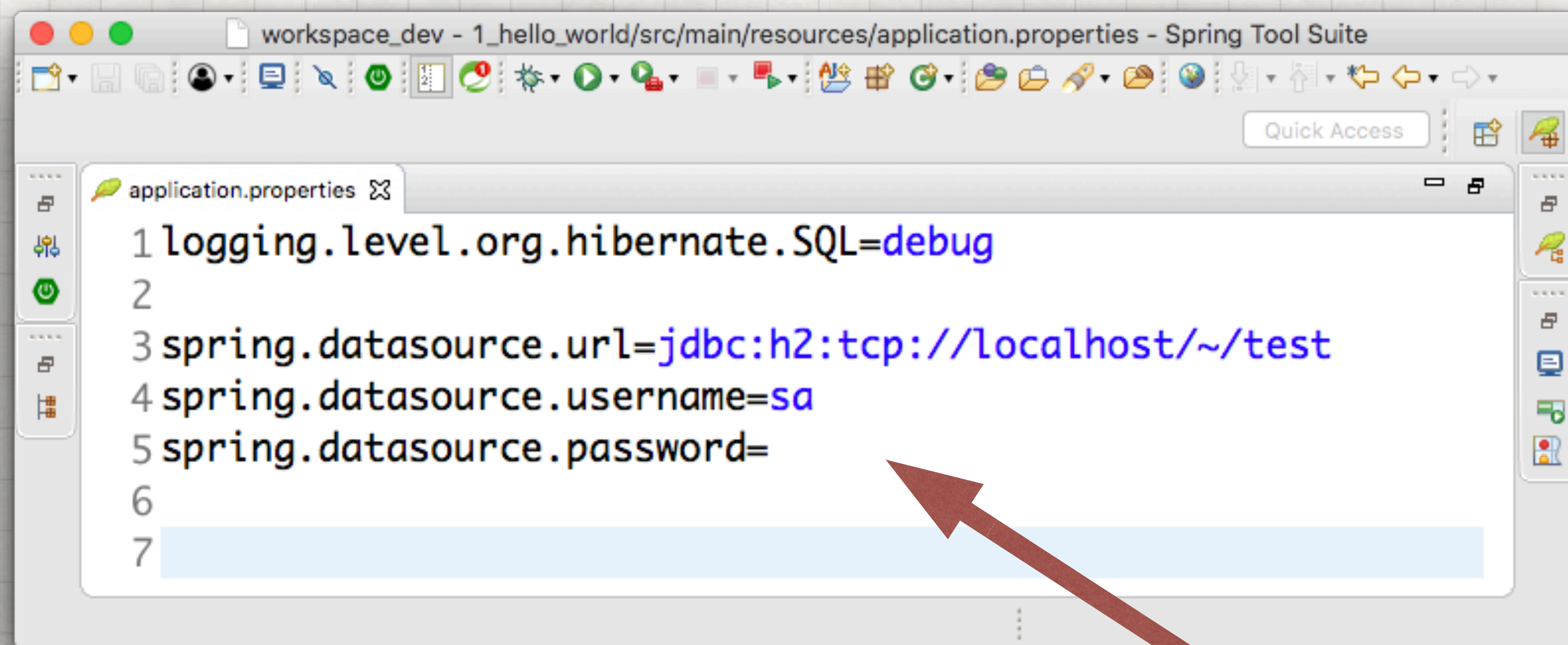


CONFIGURACIÓ DE LA CONNEXIÓ

application.properties

A screenshot of the Spring Tool Suite IDE. The title bar shows the file path: workspace_dev - 1_hello_world/src/main/resources/application.properties. The editor displays the following content:

```
1 logging.level.org.hibernate.SQL=debug
2
3 spring.datasource.url=jdbc:h2:tcp://localhost/~ /test
4 spring.datasource.username=sa
5 spring.datasource.password=
6
7
```

A red arrow points from the text 'spring.datasource.*' in the bottom left towards the configuration lines in the editor.

spring.datasource.*

La presència d'una spring.datasource.url fa que Spring Boot no creï una base de dades en memòria

Controlador:	<input type="text" value="org.h2.Driver"/>
URL JDBC:	<input type="text" value="jdbc:h2:tcp://localhost/~ /test"/>
Nombre de usuario:	<input type="text" value="sa"/>
Contraseña:	<input type="password"/>
<input type="button" value="Conectar"/> <input type="button" value="Probar la conexión"/>	

Console Progress Problems

<terminated> jpa_basic - JpaBasicApplication [Spring Boot App] /Library/Java/JavaVirtualMachines/jdk1.8.0_131.jdk/Contents/Home/bin/java (23 oct. 2017 19:53:21)

```
INFO 1005 --- [main] org.hibernate.cfg.Environment : HHH000206: hibernate.properties not found
INFO 1005 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.0.1.Final}
INFO 1005 --- [main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.H2Dialect
DEBUG 1005 --- [main] org.hibernate.SQL : drop table persona if exists
DEBUG 1005 --- [main] org.hibernate.SQL : create table persona (id bigint not null, nom varchar(255), pri
INFO 1005 --- [main] o.h.t.schema.internal.SchemaCreatorImpl : HHH000476: Executing import script 'org.hibernate.tool.schema.i
INFO 1005 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'defc
INFO 1005 --- [main] o.s.j.e.a.AnnotationMBeanExporter : Registering beans for JMX exposure on startup
INFO 1005 --- [main] o.s.j.e.a.AnnotationMBeanExporter : Bean with name 'dataSource' has been autodetected for JMX expos
INFO 1005 --- [main] o.s.j.e.a.AnnotationMBeanExporter : Located MBean 'dataSource': registering with JMX server as MBea
INFO 1005 --- [main] com.example.demo.JpaBasicApplication : Started JpaBasicApplication in 11.418 seconds (JVM running for
-----
DEBUG 1005 --- [main] org.hibernate.SQL : insert into persona (nom, id) values (?, ?)
INFO 1005 --- [Thread-3] s.c.a.AnnotationConfigApplicationContext : Closing org.springframework.context.annotation.AnnotationConfig
INFO 1005 --- [Thread-3] o.s.j.e.a.AnnotationMBeanExporter : Unregistering JMX-exposed beans on shutdown
INFO 1005 --- [Thread-3] o.s.j.e.a.AnnotationMBeanExporter : Unregistering JMX-exposed beans
INFO 1005 --- [Thread-3] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
INFO 1005 --- [Thread-3] .SchemaDropperImpl$DelayedDropActionImpl : HHH000477: Starting delayed drop of schema as part of SessionFa
DEBUG 1005 --- [Thread-3] org.hibernate.SQL : drop table persona if exists
INFO 1005 --- [Thread-3] com.zaxxer.hikari.HikariDataSource : testdb - Shutdown initiated...
INFO 1005 --- [Thread-3] com.zaxxer.hikari.HikariDataSource : testdb - Shutdown completed.
```



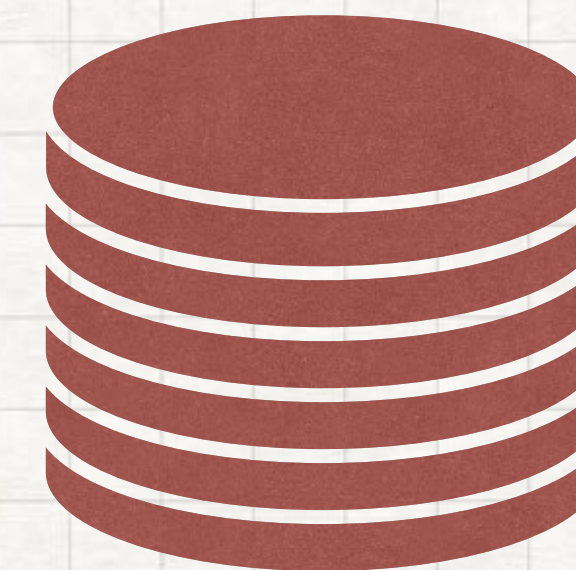

aplicació

arranca aplicació

crea taules

executa aplicació

elimina taules



BBDD

Controlat a application.properties via:

```
spring.jpa.hibernate.ddl-auto
```


spring.jpa.hibernate.ddl-auto

create-drop	Crea les taules a l'inici de l'aplicació (eliminant les existents, si n'hi ha) i les esborra al finalitzar
create	Crea les taules a l'inici de l'aplicació (eliminant les existents, si n'hi ha)
update	Només crea les taules si no existeixen.
none	No realitza cap acció sobre l'esquema de base de dades
validate	Valida l'esquema