**Authors and their books from MysqlDB through SpringBoot Hibernate**

A screen shot of a computer

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**React App, loading the list of authors from above data json.**

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**Spring Stack trace**

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**React stack trace**

A computer screen shot of a program

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**Database Queries:**

use orhp\_book\_library;

CREATE TABLE `orhp\_book\_library`.`author` (

`Id` INT NOT NULL AUTO\_INCREMENT,

`Name` NVARCHAR(100) NULL,

PRIMARY KEY (`Id`));

CREATE TABLE `orhp\_book\_library`.`book` (

`id` INT NOT NULL AUTO\_INCREMENT,

`name` NVARCHAR(100) NULL,author\_id INT,

PRIMARY KEY (`id`), FOREIGN KEY fk\_author(author\_id) REFERENCES author(id));

INSERT INTO `orhp\_book\_library`.`author` (id, name) VALUES (1,'Albert Einstein'); #The World As I See it

INSERT INTO `orhp\_book\_library`.`author` (id, name) VALUES (2,'Hunter Biden'); #Beautiful Things

INSERT INTO `orhp\_book\_library`.`author` (id, name) VALUES (3,'Mary Kom'); #Unbreakable

INSERT INTO `orhp\_book\_library`.`author` (id, name) VALUES (4,'Henry Miller'); #The World As I See it

INSERT INTO `orhp\_book\_library`.`author` (id, name) VALUES (5,'Test Me'); #The World As I See it

commit;

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'The World As I See it',

author\_id = (

SELECT id

FROM author

WHERE name = 'Albert Einstein');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Relativity',

author\_id = (

SELECT id

FROM author

WHERE name = 'Albert Einstein');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Why Socialism',

author\_id = (

SELECT id

FROM author

WHERE name = 'Albert Einstein');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Evolution of Physics',

author\_id = (

SELECT id

FROM author

WHERE name = 'Albert Einstein');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Out of my later years',

author\_id = (

SELECT id

FROM author

WHERE name = 'Albert Einstein');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Beautiful Things',

author\_id = (

SELECT id

FROM author

WHERE name = 'Hunter Biden');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Unbreakable',

author\_id = (

SELECT id

FROM author

WHERE name = 'Mary Kom');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Miller Book1',

author\_id = (

SELECT id

FROM author

WHERE name = 'Henry Miller');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Working on React',

author\_id = (

SELECT id

FROM author

WHERE name = 'Test Me');

INSERT INTO `orhp\_book\_library`.`book`

SET name = 'Real Democracy',

author\_id = (

SELECT id

FROM author

WHERE name = 'Hunter Biden');

select \* from book;

select \* from author;

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