<https://viralpatel.net/blogs/hibernate-inheritance-table-per-subclass-annotation-xml-mapping/>

<https://www.javainterviewpoint.com/hibernate-inheritance-table-per-subclass-hierarchy/>

Hibernate Inheritance: Table Per Subclass

CREATE TABLE `person` (

`person\_id` BIGINT(20) NOT NULL AUTO\_INCREMENT,

`firstname` VARCHAR(50) NOT NULL DEFAULT '0',

`lastname` VARCHAR(50) NOT NULL DEFAULT '0',

PRIMARY KEY (`person\_id`)

)

CREATE TABLE `employee` (

`person\_id` BIGINT(10) NOT NULL,

`joining\_date` DATE NULL DEFAULT NULL,

`department\_name` VARCHAR(50) NULL DEFAULT NULL,

PRIMARY KEY (`person\_id`),

CONSTRAINT `FK\_PERSON` FOREIGN KEY (`person\_id`) REFERENCES `person` (`person\_id`)

)

CREATE TABLE `owner` (

`person\_id` BIGINT(20) NOT NULL DEFAULT '0',

`stocks` BIGINT(11) NULL DEFAULT NULL,

`partnership\_stake` BIGINT(11) NULL DEFAULT NULL,

PRIMARY KEY (`person\_id`),

CONSTRAINT `FK\_PERSON2` FOREIGN KEY (`person\_id`) REFERENCES `person` (`person\_id`)

)

package net.viralpatel.hibernate;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.Id;

import javax.persistence.Inheritance;

import javax.persistence.InheritanceType;

import javax.persistence.Table;

@Entity

@Table(name = "PERSON")

@Inheritance(strategy=InheritanceType.JOINED)

public class Person {

@Id

@GeneratedValue

@Column(name = "PERSON\_ID")

private Long personId;

@Column(name = "FIRSTNAME")

private String firstname;

@Column(name = "LASTNAME")

private String lastname;

public Person() {

}

public Person(String firstname, String lastname) {

this.firstname = firstname;

this.lastname = lastname;

}

// Getter and Setter methods,

}

package net.viralpatel.hibernate;

import java.util.Date;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.PrimaryKeyJoinColumn;

import javax.persistence.Table;

@Entity

@Table(name="EMPLOYEE")

@PrimaryKeyJoinColumn(name="PERSON\_ID")

public class Employee extends Person {

@Column(name="joining\_date")

private Date joiningDate;

@Column(name="department\_name")

private String departmentName;

public Employee() {

}

public Employee(String firstname, String lastname, String departmentName, Date joiningDate) {

super(firstname, lastname);

this.departmentName = departmentName;

this.joiningDate = joiningDate;

}

// Getter and Setter methods,

}

package net.viralpatel.hibernate;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.PrimaryKeyJoinColumn;

import javax.persistence.Table;

@Entity

@Table(name="OWNER")

@PrimaryKeyJoinColumn(name="PERSON\_ID")

public class Owner extends Person {

@Column(name="stocks")

private Long stocks;

@Column(name="partnership\_stake")

private Long partnershipStake;

public Owner() {

}

public Owner(String firstname, String lastname, Long stocks, Long partnershipStake) {

super(firstname, lastname);

this.stocks = stocks;

this.partnershipStake = partnershipStake;

}

// Getter and Setter methods,

}