

Creación Tablas (MYSQL)

Ejercicio 2.

```
mysql> create database festivales_cine;
Query OK, 1 row affected (0,06 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| banco    |
| festivales_cine |
| hospital |
| information_schema |
| mysql    |
| performance_schema |
| prueba   |
| sys      |
+-----+
8 rows in set (0,00 sec)

mysql> use festivales_cine;
Database changed
mysql> show tables;
Empty set (0,00 sec)
```

```
mysql> use festivales_cine;
Database changed
mysql> create table festival (
  -> codigo varchar(20),
  -> nombre varchar(30) not null,
  -> ciudad varchar(30) not null,
  -> primary key (codigo)
  -> );
Query OK, 0 rows affected (0,05 sec)

mysql> describe festival;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| codigo | varchar(20)   | NO   | PRI | NULL    |       |
| nombre | varchar(30)   | NO   |     | NULL    |       |
| ciudad | varchar(30)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0,01 sec)
```

```
mysql> create table premio(
-> codigo varchar(20),
-> nombre varchar (30) not null,
-> primary key (codigo)
-> );
Query OK, 0 rows affected (0,06 sec)
```

```
mysql> create table festival_premio(
-> fecha date,
-> codigo_festival varchar(20) not null,
-> codigo_premio varchar(20) not null,
-> primary key (fecha),
-> foreign key (codigo_festival) references festival (codigo)
-> on update cascade on delete restrict,
-> foreign key (codigo_premio) references premio (codigo)
-> on update cascade on delete restrict
-> );
Query OK, 0 rows affected (0,07 sec)
```

```
-----+
celebridad | CREATE TABLE `celebridad` (
`codigo` varchar(20) NOT NULL,
`fecha_nacimiento` date NOT NULL,
PRIMARY KEY (`codigo`)
ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
-----+
```

```
director | CREATE TABLE `director` (
`codigo_celebridad` varchar(20) NOT NULL,
`nacionalidad` varchar(30) NOT NULL,
`nombre` varchar(40) NOT NULL,
`años activo` int NOT NULL,
PRIMARY KEY (`codigo_celebridad`),
CONSTRAINT `director_ibfk_1` FOREIGN KEY (`codigo_celebridad`) REFERENCES `celebridad` (`codigo`) ON DELETE RESTRICT ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
-----+
```

```
pelicula | CREATE TABLE `pelicula` (
`referencia` varchar(20) NOT NULL,
`año estreno` year NOT NULL,
`título` varchar(40) NOT NULL,
`cod_celebri_direc` varchar(20) NOT NULL,
PRIMARY KEY (`referencia`),
KEY `cod_celebri_direc` (`cod_celebri_direc`),
CONSTRAINT `pelicula_ibfk_1` FOREIGN KEY (`cod_celebri_direc`) REFERENCES `director` (`codigo_celebridad`) ON DELETE RESTRICT ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
```

```
| pelicula_premio | CREATE TABLE `pelicula_premio` (
  `referencia_peli` varchar(20) NOT NULL,
  `codigo_premio` varchar(20) NOT NULL,
  `anio` year NOT NULL,
  PRIMARY KEY (`referencia_peli`,`codigo_premio`),
  KEY `codigo_premio` (`codigo_premio`),
  CONSTRAINT `pelicula_premio_ibfk_1` FOREIGN KEY (`referencia_peli`) REFERENCES `pelicula` (`referencia`),
  CONSTRAINT `pelicula_premio_ibfk_2` FOREIGN KEY (`codigo_premio`) REFERENCES `premio` (`codigo`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----+
```

```
| actor | CREATE TABLE `actor` (
  `codigo_celebridad` varchar(20) NOT NULL,
  `nombre_real` varchar(30) NOT NULL,
  `nombre_artistico` varchar(30) DEFAULT NULL,
  PRIMARY KEY (`codigo_celebridad`),
  CONSTRAINT `actor_ibfk_1` FOREIGN KEY (`codigo_celebridad`) REFERENCES `celebridad` (`codigo`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----+
```

```
| actor_festival | CREATE TABLE `actor_festival` (
  `codigo_festival` varchar(20) NOT NULL,
  `codigo_celebridad` varchar(20) NOT NULL,
  PRIMARY KEY (`codigo_festival`,`codigo_celebridad`),
  KEY `codigo_celebridad` (`codigo_celebridad`),
  CONSTRAINT `actor_festival_ibfk_1` FOREIGN KEY (`codigo_festival`) REFERENCES `festival` (`codigo`),
  CONSTRAINT `actor_festival_ibfk_2` FOREIGN KEY (`codigo_celebridad`) REFERENCES `actor` (`codigo_celebridad`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----+
```

```
| director_festival | CREATE TABLE `director_festival` (
  `codigo_festival` varchar(20) NOT NULL,
  `codigo_celebridad` varchar(20) NOT NULL,
  PRIMARY KEY (`codigo_festival`,`codigo_celebridad`),
  KEY `codigo_celebridad` (`codigo_celebridad`),
  CONSTRAINT `director_festival_ibfk_1` FOREIGN KEY (`codigo_festival`) REFERENCES `festival` (`codigo`),
  CONSTRAINT `director_festival_ibfk_2` FOREIGN KEY (`codigo_celebridad`) REFERENCES `director` (`codigo_celebridad`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----+
```

```
| actor_pelicula | CREATE TABLE `actor_pelicula` (
  `codigo_celebridad` varchar(20) NOT NULL,
  `referencia` varchar(20) NOT NULL,
  PRIMARY KEY (`codigo_celebridad`,`referencia`),
  KEY `referencia` (`referencia`),
  CONSTRAINT `actor_pelicula_ibfk_1` FOREIGN KEY (`codigo_celebridad`) REFERENCES `actor` (`codigo_celebridad`),
  CONSTRAINT `actor_pelicula_ibfk_2` FOREIGN KEY (`referencia`) REFERENCES `pelicula` (`referencia`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----+
```