

**ROCKBUSTER**

**STEALTH**

**ENTERTAINMENT LLC.**

DATA DICTIONARY

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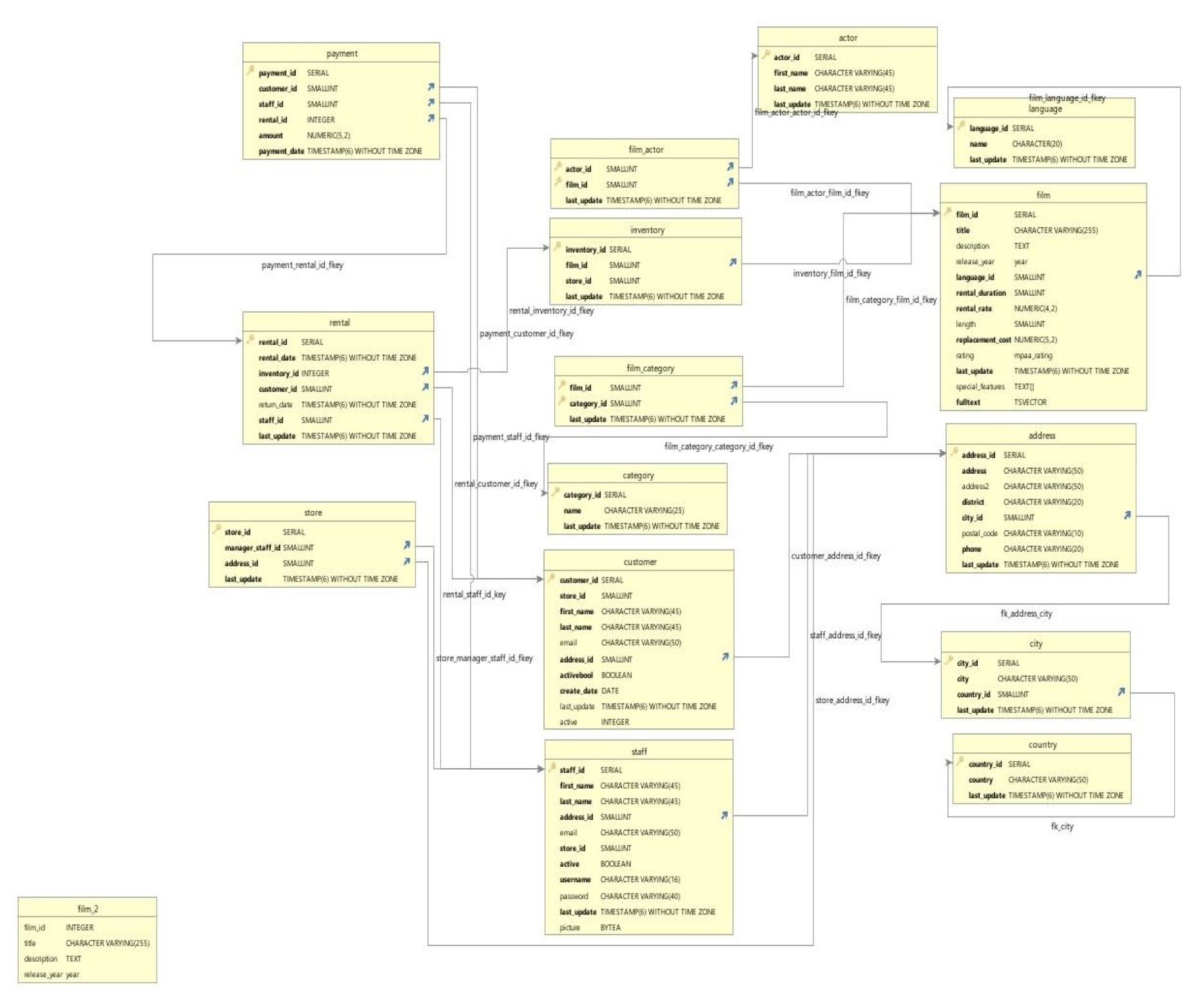
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* 1. **LEGEND**

|  |  |
| --- | --- |
|  | PRIMARY KEY |
|  | FOREIGN KEY |
|  | COMPOSITE KEY |
|  | LINKED TO |
|  | LINKED FROM |
|  | LINKED WITH |

**2.1 Rockbuster Entity Relationship Diagram (ERD)**



**3.1 RENTAL**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | rental\_id | SERIAL | Primary key for rental record. Number assigned to rental |
|  | rental\_date | TIMESTAMP(6) WITHOUT TIMEZONE | Date of rental |
|  | inventory\_id | INTEGER | Number assigned to item Date rental was returned |
|  | customer\_id | SMALLINT | Number assigned to customer |
|  | return\_date | TIMESTAMP(6) WITHOUT TIMEZONE | Date rental was returned |
|  | staff\_id | SMALLINT | Number assigned to employee checking out customer |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | inventory | Foreign | rental.inventory.id=inventory.inventory\_id |
|  | customer | Foreign | rental.customer\_id=customer.customer\_id |
|  | staff | Foreign | rental.staff\_id=staff.staff\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | payment | Primary | payment.rental\_id=rental.rental\_id |

**3.2 PAYMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | payment\_id | SERIAL | Primary key for payment records. Identity value for payment |
|  | customer\_id | SMALLINT | Identity value for customers |
|  | staff\_id | SMALLINT | Identity value for staff |
|  | rental\_id | INTEGER | Identity value for film rental |
|  | amount | NUMERIC(5,2) | Monetary amount of payment |
|  | payment\_date | TIMESTAMP(6) WITHOUT TIMEZONE | Date/time of payment |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | rental | Foreign | payment.rental=rental.rental\_id |
|  | customer | Foreign | payment.customer\_id=customer.customer\_id |
|  | staff | Foreign | payment.staff\_id=staff.staff\_id |

**3.3 INVENTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Column | Data Type | Description |
|  | inventory\_id | SERIAL | Primary key for inventory records. Number assigned to item |
|  | Film\_id | SMALLINT | Number assigned to film |
|  | Store\_id | SMALLINT | Number assigned to store |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | Film | Foreign | inventory.film\_id = film.film\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | rental | Primary | rental.inventory\_id=inventory.inventory\_id |

**3.4 STORE**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Column | Data Type | Description |
|  | store\_id | SERIAL | Primary key for store records. Number assigned to store |
|  | manager\_staff\_id | SMALLINT | Number assigned to store manager |
|  | address\_id | SMALLINT | Number assigned to store address |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | staff | Foreign | store.manager\_staff\_id=staff.staff\_id |
|  | address | Foreign | store.address\_id=address.address\_id |

**3.5 FILM**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Column | Data Type | Description |
|  | film\_id | SERIAL | Primary key for film records. Number assigned to film |
|  | title | CHARACTERVARYING(255) | Title of film |
|  | description | TEXT | Description of film |
|  | release\_year | year | Release year of film |
|  | language\_id | SMALLINT | Number assigned to language of film |
|  | rental\_duration | SMALLINT | Length of film rental |
|  | rental\_rate | NUMERIC(4,2) | Price of film rental |
|  | length | SMALLINT | Length of film |
|  | replacement\_cost | NUMER(5,2) | Cost to replace film |
|  | rating | mpaa\_rating | Film rating |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |
|  | special\_features | TEXT[] | Special features included with film |
|  | fulltext | page4image2184968480TSVECTOR | Keywords associated with film |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | language | Foreign | Film.language\_id = language.language\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | inventory | Primary | inventory.film\_id = film.film\_id |
|  | film\_category | Primary | film\_category.film\_id=film.film\_id |
|  | film\_actor | Primary | film\_actor.film\_id=film.film\_id |

**3.6 FILM CATEGORY**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | film\_id | SMALLINT | Number assigned to film |
|  | category\_id | SMALLINT | Number assigned to genre |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | film | Primary, Foreign | Film\_category.film\_id = film.film\_id |
|  | category | Primary, Foreign | Film\_category.category\_id = category.category\_id |

**3.7 CATEGORY**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | category\_id | SERIAL | Primary key for category records. Number assigned to genre |
|  | name | CHARACTER(25) | Name of genre |
|  | last\_update | CHARACTER(25) | Date entry was last updated |

Linked From:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | customer | Primary | Film\_category.category\_id = category.category\_id |

**3.8 LANGUAGE**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | language\_id | SERIAL | Primary key for language records. Number assigned to language |
|  | name | CHARACTER(20) | Name of language |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked From:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | film | Primary | film.language\_id = language.language\_id |

**3.9 ACTOR**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | actor\_id | SERIAL | Primary key for actor records. Number assigned to actor |
|  | First\_name | CHARACTERVARYING(45) | First name of actor |
|  | Last\_name | CHARACTERVARYING(45) | Last name of actor |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked From:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | film\_actor | Primary | film\_actor.actor\_id = actor.actor\_id |

**3.10 FILM ACTOR**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | actor\_id | SMALLINT | Primary key for actor records. Number assigned to actor |
|  | film\_id | SMALLINT | Number assigned to film |
|  | last\_updaat | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | actor | Primary, Foreign | Film\_category.film\_id = film.film\_id |
|  | film | Primary, Foreign | Film\_category.category\_id = category.category\_id |

**3.11 CUSTOMER**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | customer\_id | SERIAL | Primary key for customer records. Number assigned to customer |
|  | store\_id | SMALLINT | Number assigned to store |
|  | first\_name | CHARACTERVARYING(45) | First name of customer |
|  | last\_name | CHARACTERVARYING(45) | Last name of customer |
|  | email | CHARACTERVARYING(50) | E-mail address of customer |
|  | address\_id | SMALLINT | Number assigned to customer’s address |
|  | activebool | BOOLEAN | T or F whether customer active in database |
|  | create\_date | DATE | Date entry was created |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |
|  | active | INTEGER | Is customer active? |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | address | Foreign | customer.address\_id = address.address\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | rental | Primary | rental.rental\_id = customer.rental\_id |
|  | payment | Primary | payment.customer\_id=customer.customer\_id |

**3.12 STAFF**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | staff\_id | SERIAL | Primary key for staff records. Number assigned to employee |
|  | first\_name | CHARACTERVARYING(45) | First name of employee |
|  | last\_name | CHARACTERVARYING(45) | Last name of employee |
|  | address\_id | SMALLINT | Number assigned to employee’s address |
|  | email | CHARACTERVARYING(50) | E-mail address of employee |
|  | store\_id | SMALLINT | Number assigned to store |
|  | active | BOOLEAN | Is employee active? |
|  | username | CHARACTERVARYING(16) | Username of employee |
|  | password | CHARACTERVARYING(40) | Password of employee |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |
|  | picture | BYTEA | Staff picture |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | address | Foreign | staff.address\_id=address.address\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | rental | Primary | rental.staff\_id=staff.staff\_id |
|  | payment | Primary | payment.staff\_id=staff.staff\_id |
|  | store | Primary | store.manager\_staff\_id=staff.staff\_id |

**3.13 ADDRESS**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | address\_id | SERIAL | Primary key for address records. Number assigned to address |
|  | address | CHARACTERVARYING(50) page4image2184877712   |  | | --- | |  | | Street address |
|  | address2 | page4image2184877712page4image2184898320 CHARACTERVARYING(50)   |  | | --- | |  | | Supplemental street address |
|  | district | CHARACTERVARYING(20) | District |
|  | city\_id | SMALLINT | Number assigned to city |
|  | postal\_code | page4image2184908992 CHARACTERVARYING(10) | Postal code |
|  | phone | CHARACTERVARYING(20) | Phone number |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date/time last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | city | Foreign | address.city\_id=city.city\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | customer | Foreign | customer.address\_id=address.address\_id |
|  | staff | Foreign | staff.address\_id=address.address\_id |
|  | store | Foreign | store.address\_id=address.address\_id |

**3.14 CITY**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | city\_id | SERIAL | Primary key for city records. Number assigned to city |
|  | city page4image2185006288   |  | | --- | |  | | CHARACTERVARYING(50) | Name of city |
|  | country\_id | SMALLINT page4image2185010560   |  | | --- | |  | | Number assigned to country |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked to:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | country | Foreign | city.country\_id=country.country\_id |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | address | Primary | address.city\_id=city.city\_id |

**3.15 COUNTRY**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Columns | Data Type | Description |
|  | **country\_id** | SERIAL | Primary key for country records. Number assigned to country |
|  | page4image2185006288country   |  | | --- | |  | | CHARACTERVARYING(50) | Name of country |
|  | last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |

Linked from:

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | TABLE | Key Type | Join |
|  | city | Primary | city.city\_id=country.city\_id |