

Setting Default Values

MAD 202



DEFAULT

- A default value is a value that is assigned to a column if you omit a value for the column when adding values to a table
- A default :
 - Applies to a single column
 - Is defined by using the keyword DEFAULT in a CREATE TABLE column definition
 - Must have the same data type as its column
 - Must fit in the column
 - If no default is provided, and the column is declared NOT NULL, then the system will refuse to add any information OR insert a 0 value



Examples

```
CREATE TABLE titles
(
  title_id      CHAR(3)          NOT NULL
  title_name    VARCHAR(40)      NOT NULL
  type          VARCHAR(10)
  pub_id        CHAR(3)          NOT NULL,
  pages         INTEGER
  price         DECIMAL(5,2)     NOT NULL
  sales         INTEGER,
  pubdate       DATE             DEFAULT Date(),
  contract      SMALLINT         NOT NULL
  DEFAULT 0
);
```

NOTE: Extra spaces are used for demonstration purposes only – they should not be present in your code.

**** in MySQL – Can't set a default to a function – substitute with 0000-00-00**



Verify defaults

Run this query ->

```
SELECT * FROM titles;
```

Then run this query ->

```
INSERT INTO titles (title_id, pub_id)  
VALUES ('T14', 'P01');
```

Finally run this query ->

```
SELECT * FROM titles;
```

