# **SQL Relationships**

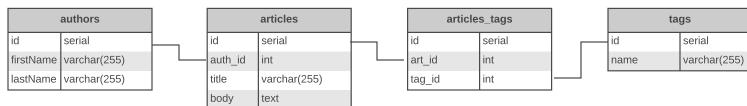


One to Many Author has zero or more articles

#### **Many to Many**

- Each post has many tags
- Each tag belongs to many posts

## Database Schema



### Data Tables

#### articles\_tags tags authors art\_id tag\_id id name articles id firstName | lastName 1001 71 71 JS body 35 Chris Klanac id auth\_id title 72 72 1001 Node 42 Joe Turner 1001 39 JS Secrets You Will 1005 71 73 SQL 53 Tauhida 1005 Parveen 35 5 SQL Tips and Tricks 1005 73 74 React 1007 42 React Really Rocks ... 1007 71 75 Redux 1009 42 10 Skills to Learn Now 75 76 1007 Thunk 1010 You won't believe wh... 1007 76

select authors

select authors inner join articles

select authors left join articles

select authors right join articles

select articles inner join tags

select articles inner join all