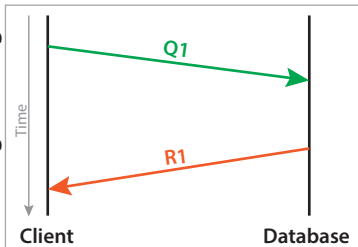
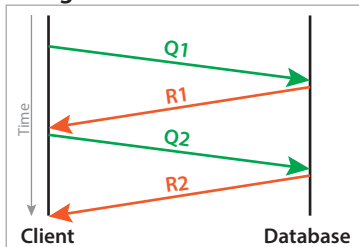


## SQL

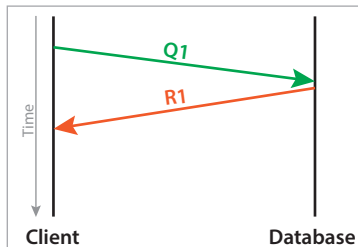
## Message Passing



## MongoDB



## PeerDB



## Content

**Q1** SELECT Author.picture\_url FROM Author  
JOIN Post ON Post.author\_id = Author.id  
WHERE Post.id = 12  
**R1** "img.com/sam.jpg"

**Q1** post.author  
**R1** "\_id": 529  
**Q2** 529.picture\_url  
**R2** "img.com/sam.jpg"

**Q1** post.author.picture\_url  
**R1** "img.com/sam.jpg"

## Data Structure

```
// Blog Post
{
  "_id": 12,
  "title": "Sample Post",
  "content": "I'm a blog post!",
  "author": {
    "_id": 529,
  }
}

// Author
{
  "_id": 529,
  "name": "Sam",
  "picture_url": "img.com/sam.jpg"
}
```

```
// Blog Post
{
  "_id": 12,
  "title": "Sample Post",
  "content": "I'm a blog post!",
  "author": {
    "_id": 529,
    "picture_url": "img.com/sam.jpg"
  }
}

// Author
{
  "_id": 529,
  "name": "Sam",
  "picture_url": "img.com/sam.jpg"
}
```