

# Relational



Amazon Aurora



Amazon RedShift



Amazon RDS



AWS Database Migration  
Service  
*DMS*

# Relational



Amazon Aurora



Amazon RedShift



Amazon RDS



AWS Database Migration  
Service  
*DMS*

# Document



Amazon DocumentDB

# Relational



Amazon Aurora



Amazon RedShift



Amazon RDS



AWS Database Migration  
Service  
*DMS*

# Document



Amazon DocumentDB

# Graph



Amazon Neptune

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Amazon Neptune

## Ledger



Amazon Quantum  
Ledger Database  
*QLDB*

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## Time Series



Amazon Timestream

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Amazon Timestream

## Key-value



Amazon DynamoDB

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## Key-value



Amazon DynamoDB

## In-memory



Amazon ElastiCache  
*Memcached*  
*Redis*

# Relational Database

---

## Names

Id	First	Last
1	Mark	Nunnikhoven
2	Walter	Ladd
3	Orlene	Lapierre
4	Jen	Charest

## NamesToBuses

Id	NameId	BusId
1	1	2
2	1	1
3	2	1
4	3	2

## Buses

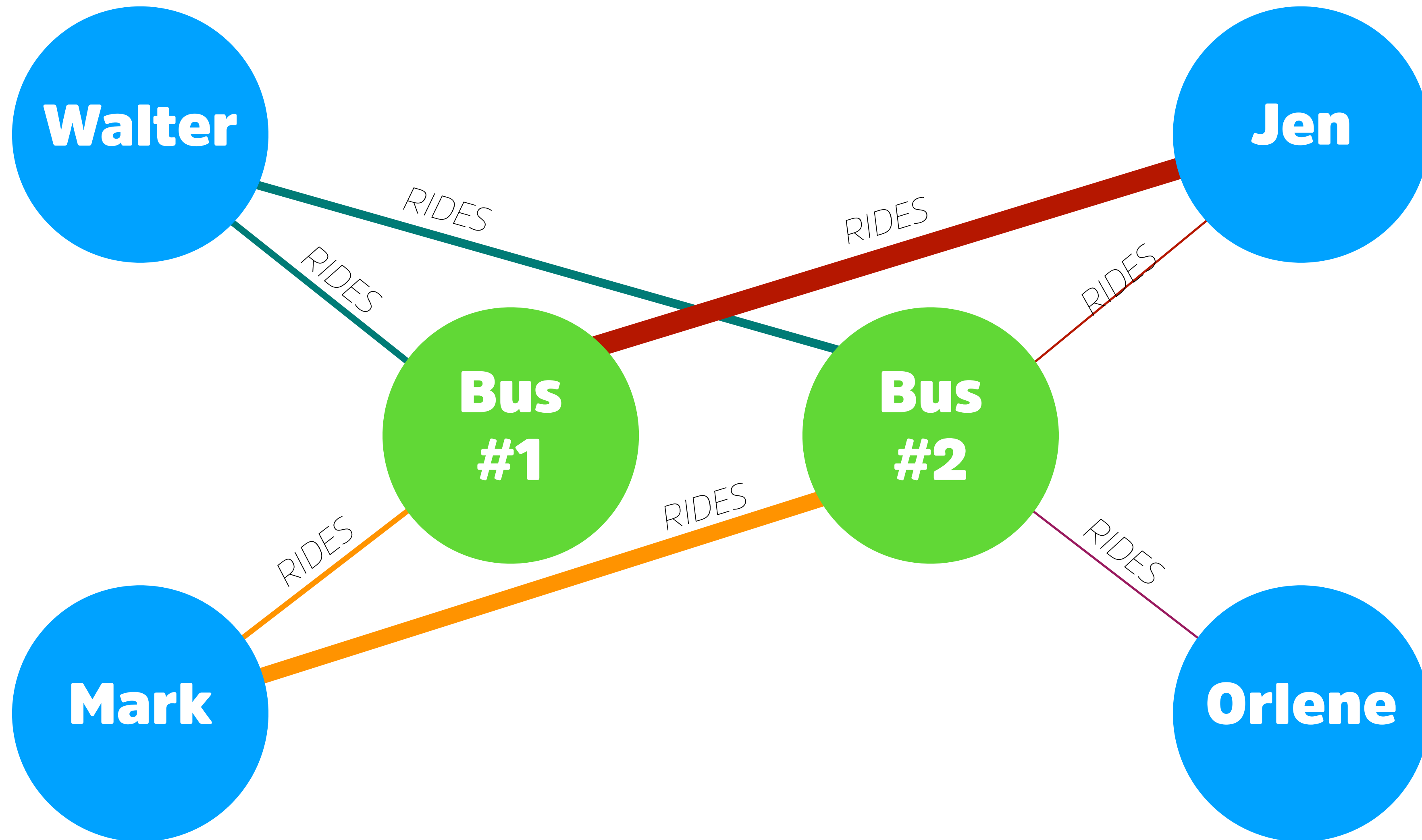
Id	Start	End
1	Airport	Hotel
2	Hotel	Office



## **Relational Database Query**

```
SELECT * FROM Names n  
INNER JOIN NamesToBuses n2b ON n.Id = n2b.NameId  
INNER JOIN Buses b ON b.Id = n2b.BusId;
```

# Graph Database



# Graph Database Query

```
{  
  Bus {  
    Names {  
      First,  
      Last  
    }  
  }  
}
```

*Syntax depends on the  
graph query language used  
but the concepts are the  
same*

