METEOR

# Hello from the future

# I'm @Rahul!

## Running @Q42 USA

q42.com/meteor

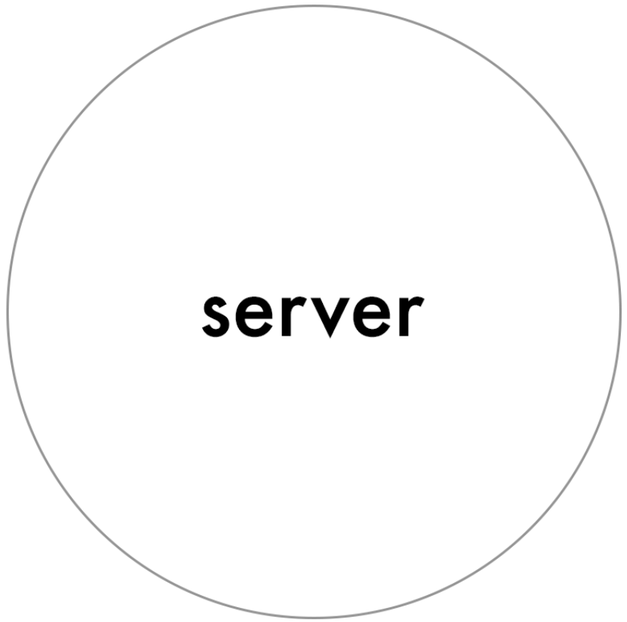
# Have you used Meteor yet?

# Who makes Meteor?

meteor.com

# Why make Meteor?

# Status quo



HTML

CSS

Javascript

Python

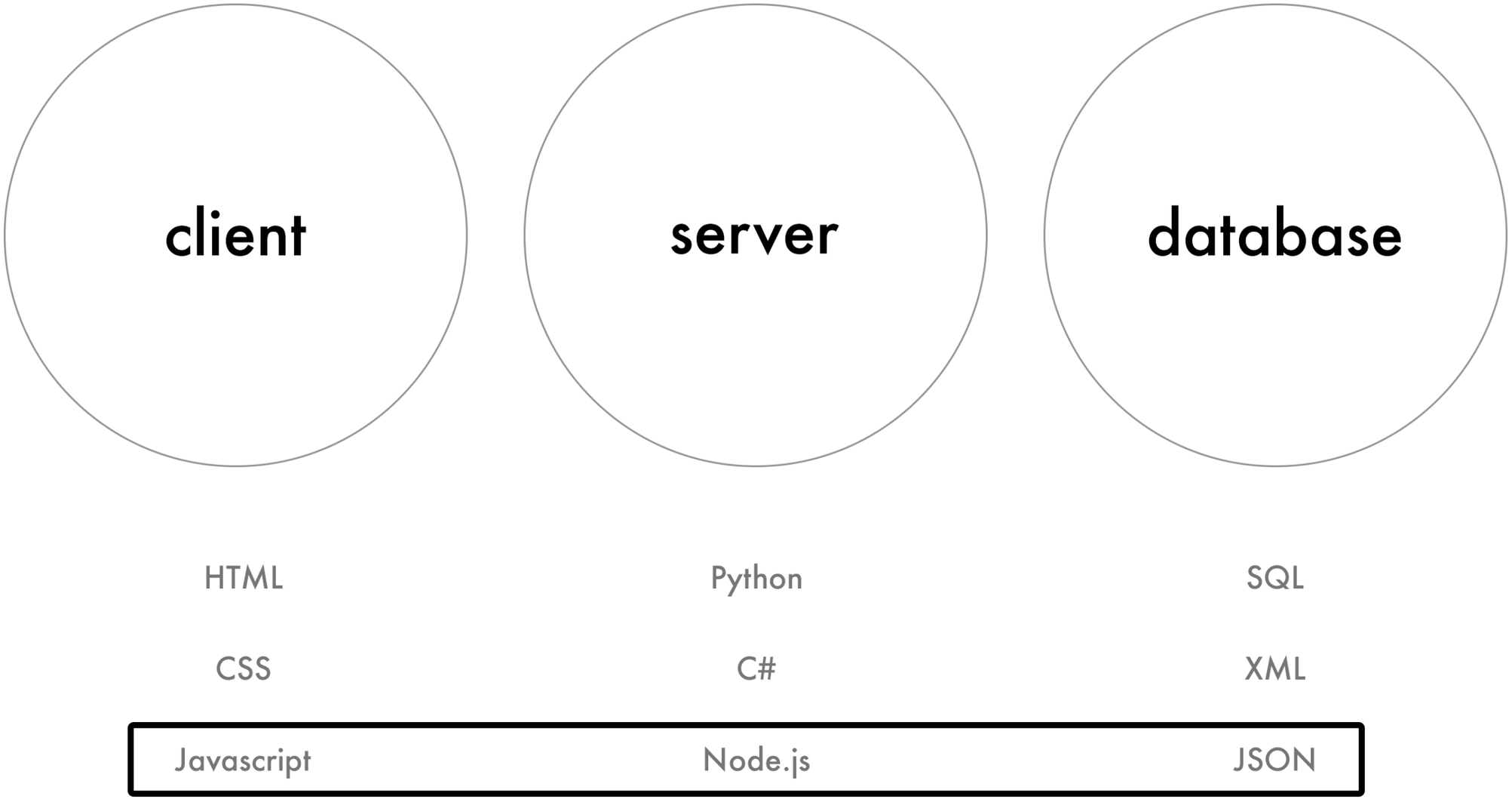
C#

Node.js

SQL

XML

JSON


client
server
database
HTML
Python
SQL
CSS
C#
XML
Javascript
Node.js
JSON

# 1 API

# Principles & buzzwords (1)

- Less code with reactive programming
- One language everywhere with isomorphic APIs
- Hot deploys

# Principles & buzzwords (2)

- Ultra responsiveness with latency compensation
- Unified "isopackage" ecosystem
- Live updates

# The One True Principle

## Ease of Use

```
curl https://install.meteor.com/ | sh
```

# What gets installed?

- Node.js
- Required npm packages
- MongoDB
- The Meteor platform

# A look at the Meteor stack

- Blaze reactive virtual DOM engine
- Live data & client side MongoDB
- DDP

# Demo

# Leaderboard

- List some people
  - Sort by table header
  - Vote people up
- Sign in with Google
  - Limit voting to signed in
  - No voting for yourself

# Stuff to do next

# Set up discrete pub/sub instead of autopublish

# Use allow/deny rules for security (and remove insecure)

# Publish to Android/iOS

- `meteor install-sdk android`
- `meteor add-platform android`
- `meteor run android`

# Write your own package

atmospherejs.com

# Write some reactive integration tests

velocity.meteor.com

# Resources

- meteor.com/try - build a todos app
- docs.meteor.com
- discovermeteor.com book - build a HN clone
- bulletproofmeteor.com advanced Meteor book
- atmosphere package directory

# Thanks!

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RSVP: meetup.com/Meteor-South-Bay