

# API Testing

Research from State of API with POSTMAN report

Link [↗](#)

Top 3 countries making API requests

- United States: 144,584,000/135% increase
- India: 117,734,000/167% increase
- China: 58,057,000

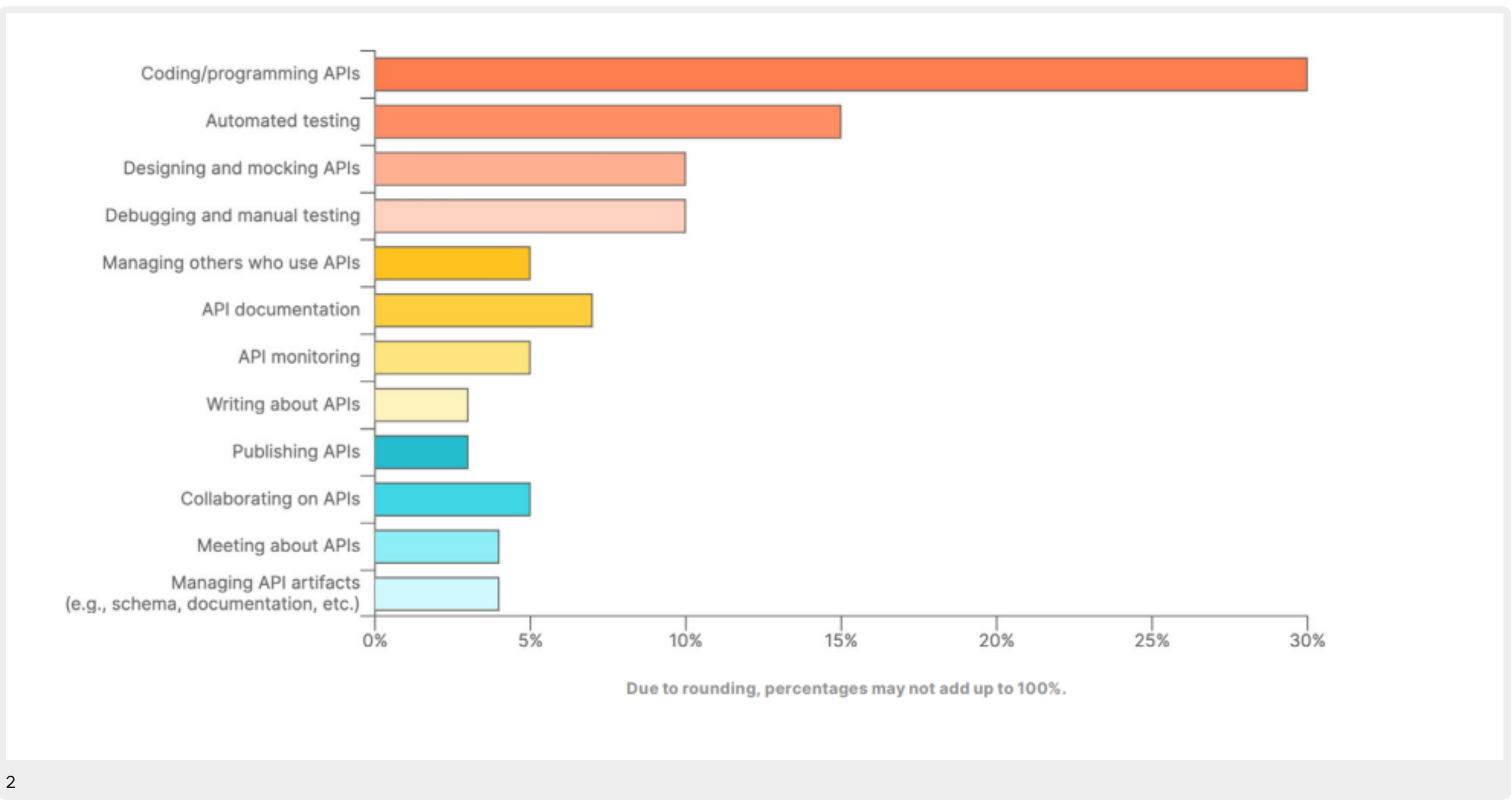
Most Popular API Architecture Styles

- REST (Use it and love it, 49%; Use it, 44%; Aware but don't use it, 4%; Never heard of it, 2%)**
- Webhooks (Use it and love it, 12%; Use it, 39%; Aware but don't use it, 36%; Never heard of it, 12%)
- Websockets (Use it and love it, 10%; Use it, 35%; Aware but don't use it, 45%; Never heard of it, 11%)
- GraphQL (Use it and love it, 10%; Use it, 21%; Aware but don't use it, 51%; Never heard of it, 18%)**
- SOAP (Use it and love it, 8%; Use it, 40%; Aware but don't use it, 42%; Never heard of it, 9%)

Most Popular API Specifications

- JSON (Use it and love it, 28%; Use it, 47%; Aware but don't use it, 20%; Never heard of it, 5%)**
- Swagger 2.0 (Use it and love it, 17%; Use it, 37%; Aware but don't use it, 32%; Never heard of it, 14%)
- OpenAPI 3.0 (Use it and love it, 12%; Use it, 28%; Aware but don't use it, 44%; Never heard of it, 18%)
- GraphQL (Use it and love it, 10%; Use it, 21%; Aware but don't use it, 53%; Never heard of it, 18%)
- AsyncAPI (Use it and love it, 2%; Use it, 9%; Aware but don't use it, 31%; Never heard of it, 58%)

API time allocation: ideal state



Top 7 Reasons to Learn API Testing

- You will find majority of the projects now days in big MNC and startup.
- Easy to transition to Automation
- I have done it my self - Manual to API -> Automation
- Job for Backend Testing as nothing but API Testers
- APIs are growing so API Tester should also
- High salary hike with API Testing knowledge
- API are everywhere...