

CODE GENERATION

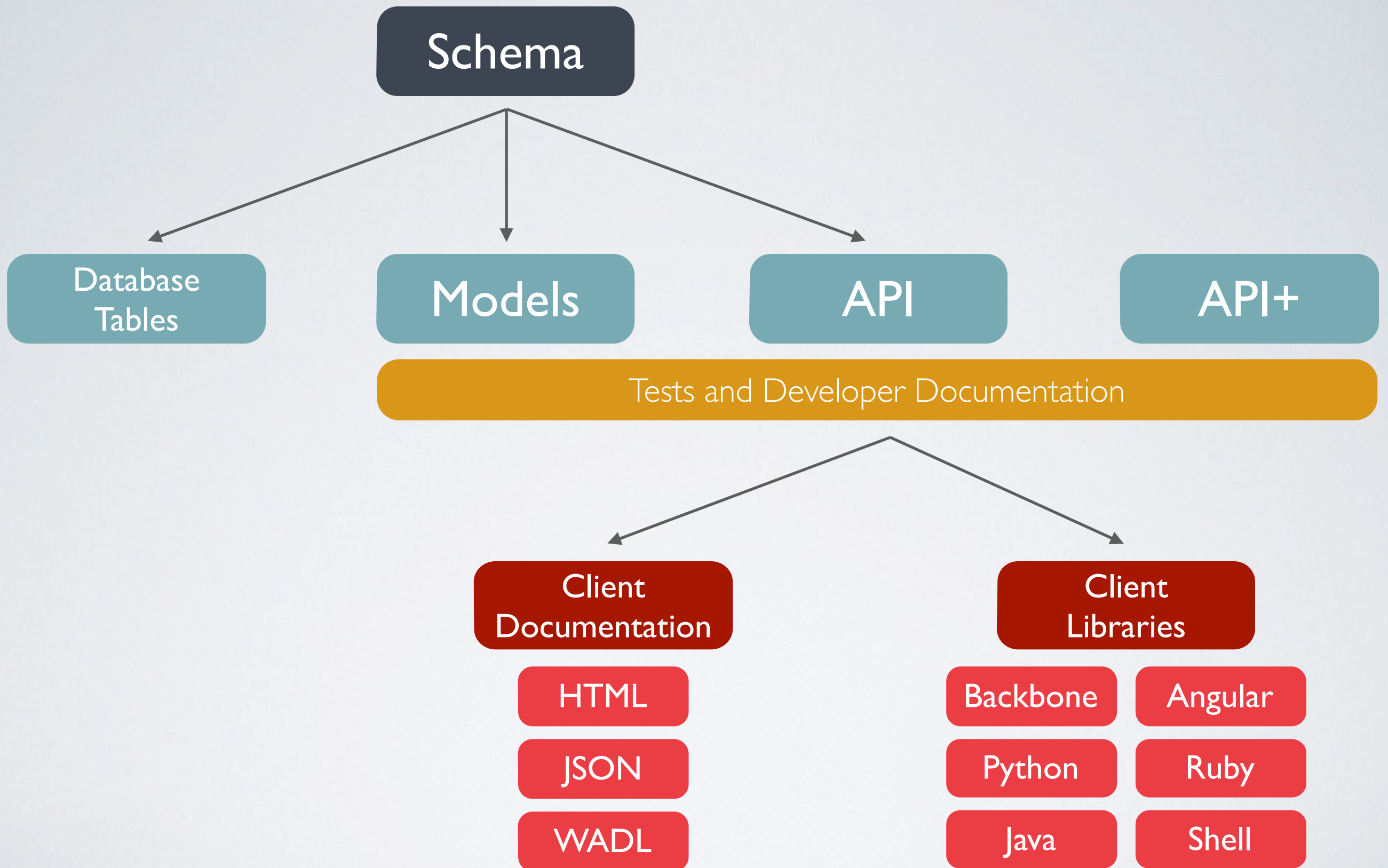
doing more with less code

WHY?

- Different layers deal with the same information
- Write once, use often
- Changes immediately propagated to the entire system

HOW?

- Custom schema file defines database structure
- Turn schema into Java objects
- Use Java objects to generate the vast majority of other code in the system
- Some few pieces must be hand coded



DONE

- Use schema to generate database tables, models, and basic API
- Generate developer documentation for models and API
- Generate basic client documentation and javascript libraries to communicate with the API

TO DO

- Refine custom schema language
- Generate testing
- Add more client libraries
- Improve quality of every step in the chain
- Automate build process using Maven