



WEB API SPECIFICATION PROTOCOL.

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**WASP**

## WASP TEAM MEMBERS

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## MOTIVATION

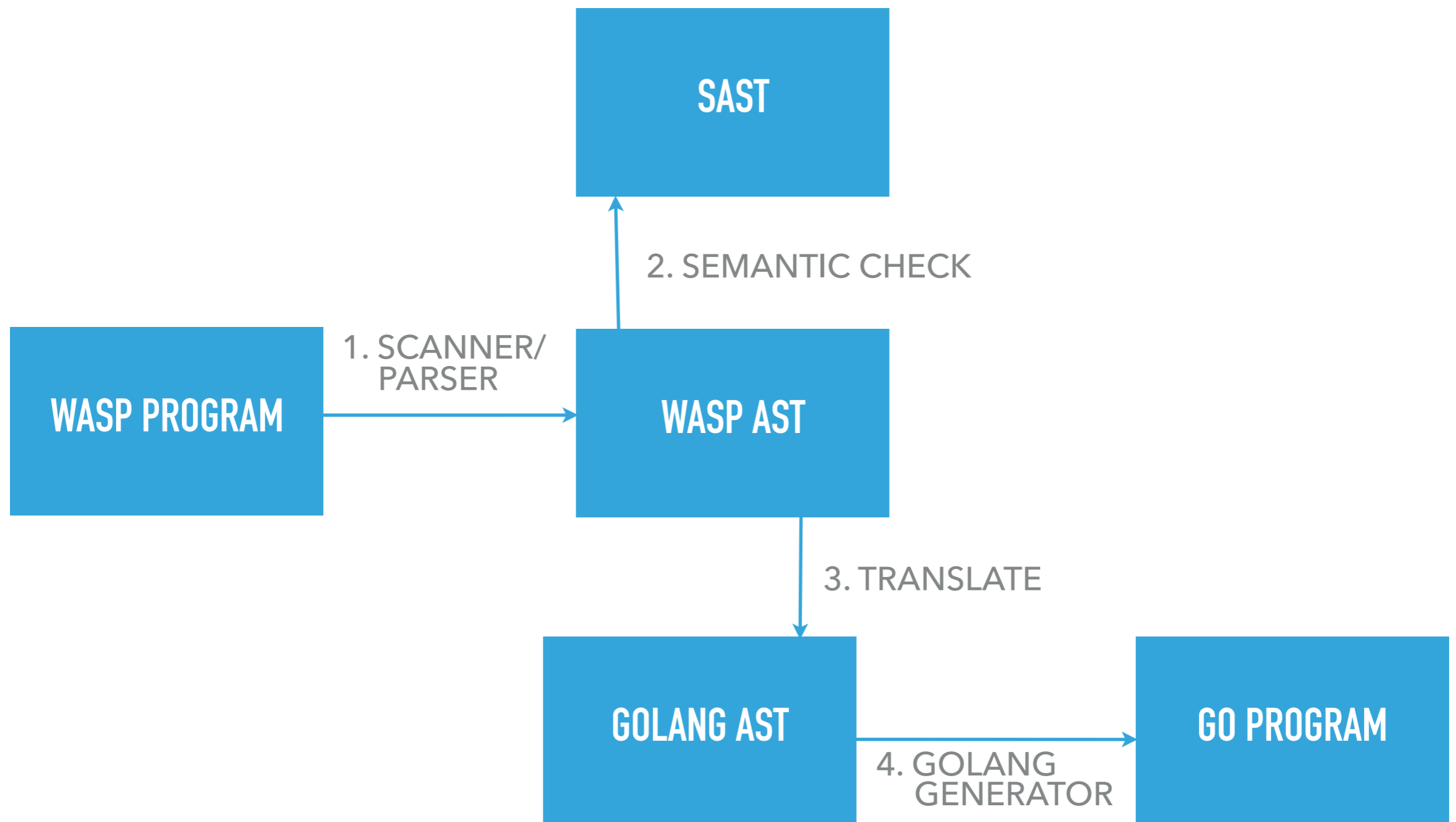
- ▶ Simple RESTful API design
- ▶ Simple data management

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## LANGUAGE FEATURES

- ▶ CRUD Endpoints generate endpoints for storing and manipulating objects in a database.
- ▶ GET Endpoints generate functional endpoints that only accept GET requests.
- ▶ Standard imperative language features including: lists, functions, objects
- ▶ Object storage and automatic database schema generation

# COMPILER ARCHITECTURE



## LESSONS LEARNED

- ▶ Make a lot of tests.
- ▶ Be flexible with language design.
- ▶ Feature by feature iterative development is best.
- ▶ Prioritize language feature development.

# DEMO

- ▶ GCD
- ▶ Funky list reverse
- ▶ CRUD