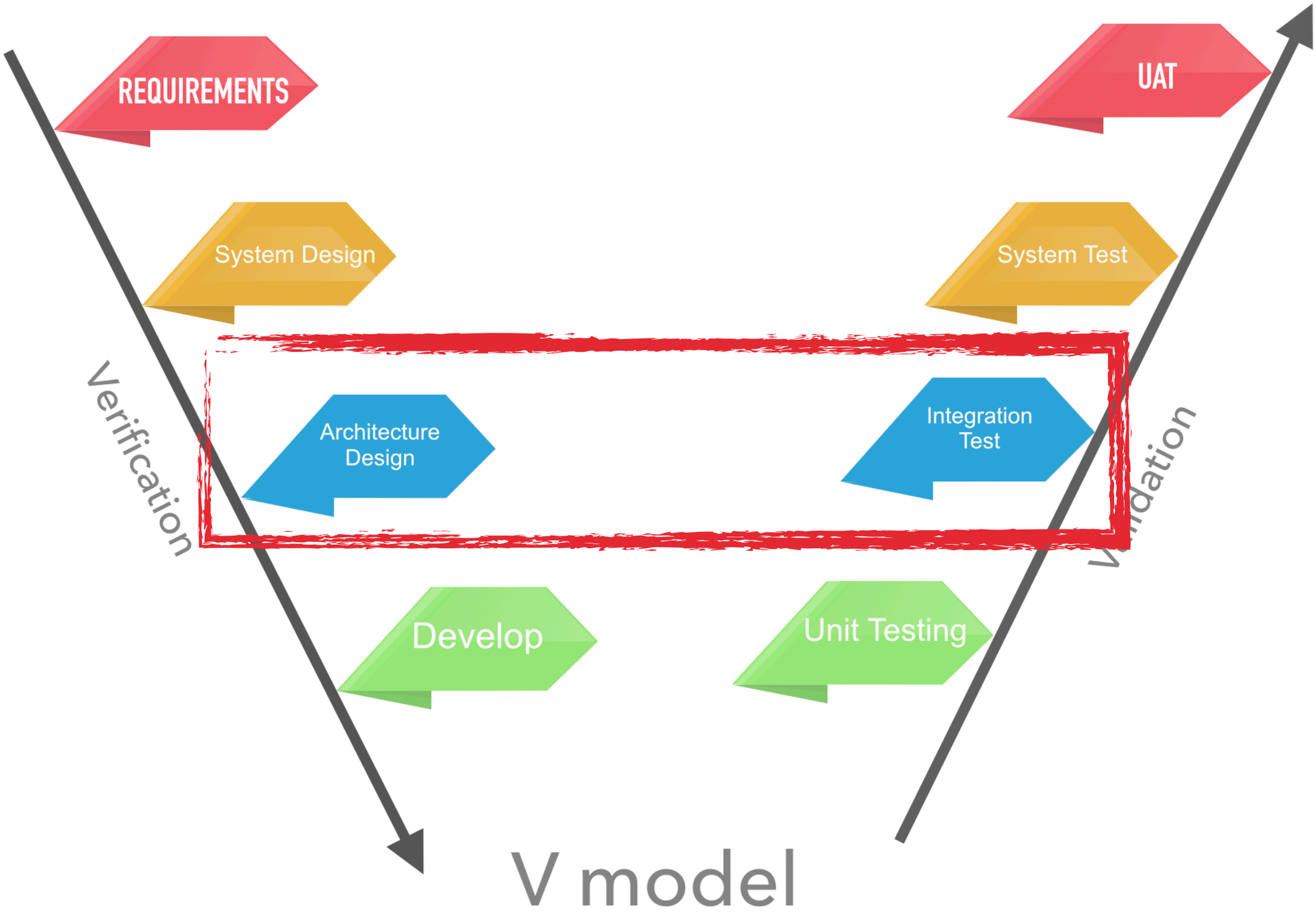
V MODEL – INTEGRATION TESTING

V MODEL

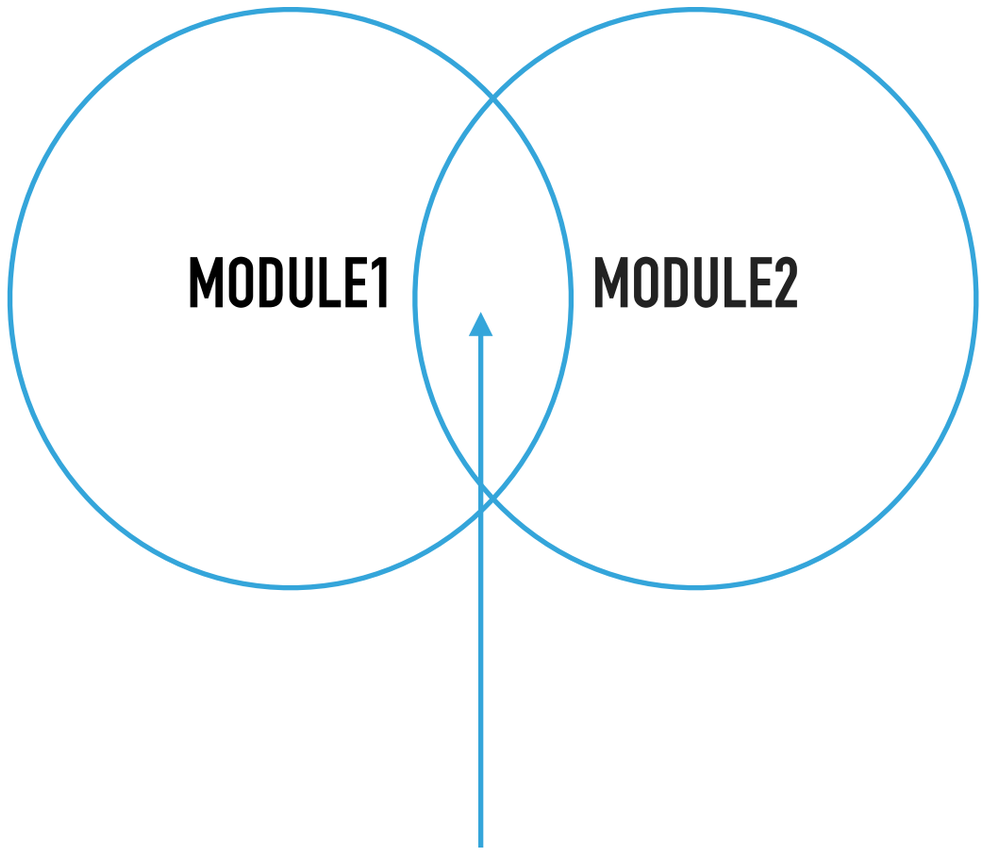


V model

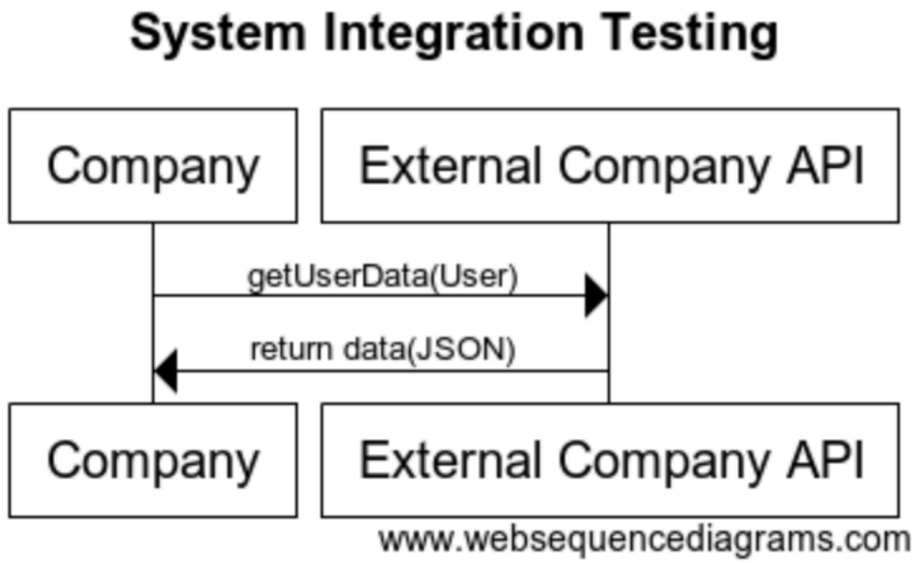
INTEGRATION TESTING

- After Unit Testing occurs.
- Small unit are combined.
- Two levels:
  - Component Integration Testing.
  - System Integration Testing.
- Testers/Developers.

EXAMPLE



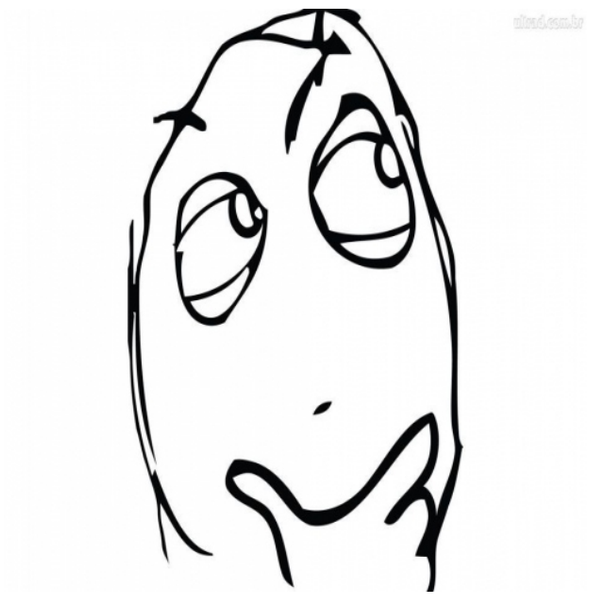
Component Integration Testing



STRATEGIES– INTEGRATION TESTING

STRATEGIES- INTEGRATION TESTING

- Big Bang
- Incremental
  - Top Down
  - Botton Up



BIG BANG APPROACH

- All modules finished.
- Time.
- Difficult to find the cause of the problems.

INCREMENTAL APPROACH – TOP DOWN

- Not wait until all modules are finished.
- Driver
- Simulate the data that should be passed to the other module.

INCREMENTAL APPROACH – BOTTOM UP

- Not wait until all modules are finished.
- Stub
  - Simulate the data that should be returned to the other module.

INTEGRATION TESTING – TOOLS

EXAMPLES

Let try it...

THANK YOU.