

GRASP Application Programming Interface

draft-liu-anima-grasp-api-01

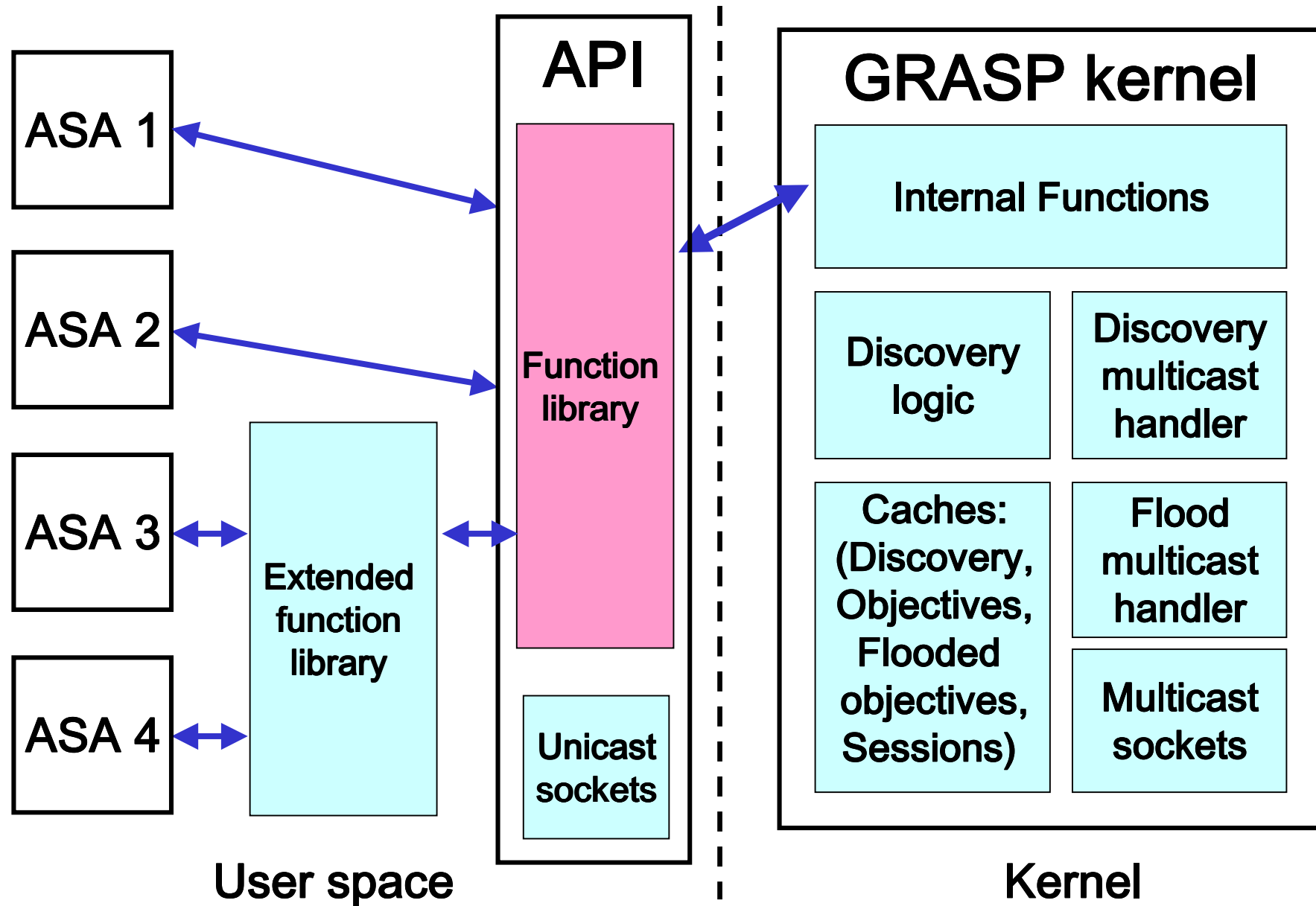
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Topics

- Overview
- Discussion, next steps

Implementation model



Important data structures

- objective
 - .name
 - .syn *or* .neg
 - .loop_count
 - .value # any structure you want
- ASA_locator
 - .locator # normally IPv6 address
 - .protocol # IPPROTO_TCP or IPPROTO_UDP
 - .port
 - .*etc*

Simplified summary of calls (1)

- **register_asa(asa_name)**
- **register_objective(objective)**
- **discover(objective)**

Simplified summary of calls (2)

- **request_negotiate(objective, peer)**
- **listen_negotiate(objective)**
- **negotiate_step(objective)**
- **negotiate_wait(timeout)**
- **end_negotiate(result, reason)**

Simplified summary of calls (3)

- **synchronize(objective, peer)**
- **listen_synchronize(objective)**
- **flood(objectives)**

Discussion + next steps

- Comments? Questions?
- Should the WG take up this topic?

