# Process of IP Packet Routing



## IP

### Forwarding Table
- searchRoutingTable

- True/False
- generatePayload
- IP Packet
- send
- IP Destination
- extractHeader
- IP destination
- receive

## ARP

### ARP Cache Table
- search
- insert
- update
- IP Destination
- checkARPCacheTable
- sendARPRequest
- sendARPReply
- generatePayload
- extractHeader
- send
- receive

## Ethernet
- set_dst
- Ethernet Destination
- generatePayload
- send
- Ethernet Data
- extractHeader
- receive

## NI
- send
- Packet
- receive
- getAdapterList
- setAdapterList
- startAdapter
- excute