Internet-Scale Event Notification: Architecture Alternatives

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Before Routing

• Event Types: protocol or business?
• Routing Paradigm: on subject, or content?
• Using HTTP?
• Using TCP?
• Using IP?
• Using IP Multicast?
How to route?

- **Unicast Routing**
  - Intra-domain vs. Inter-domain
  - Routing Table: Default router
  - Routing Table: Address aggregation (subnet, CIDR)

- **Multicast Routing:**
  - Tree

- **Event Routing**
  - Single domain, or Inter/Intra domain
  - Tree, or Mesh?
  - Routing table: subscription, content, address