INRIA IPv6 implementation

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INRIA

INRIA is a french governmental research institute in computer-science. In its domain it has become one of the most active and advanced research laboratories in the world.

INRIA activities

- basic research
- realisation of experimental systems
- technology transfers
- training through research and knowledge-transfer
- development of scientific international exchanges
- implementation of scientific expertise

INRIA

INRIA's activities are spread over five research-units and one service-unit. It gathers a total of 1300 persons, 300 of them are full-time researchers, 660 are external researchers coming from industry (50), other public research laboratories (180), PhD students and trainees (330) and invited foreign researchers (100).

PING action

PING of the GIE Dyade (which associates BULL and INRIA) is an Research and Development action on the themes

ATM - RSVP - IPv6.

Neighbor Discovery Functions

- Router Discovery
- Prefix Discovery
- Parameter Discovery
- Address Autoconfiguration
- Address resolution
- Next-hop determination
- Neighbor Unreachability Detection
- Duplicate Address Detection
- Redirect

Neighbor Discovery ICMPv6 packet types

- Router Solicitation
- Router Advertisement
- Neighbor Solicitation
- Neighbor Advertisement
- Redirect