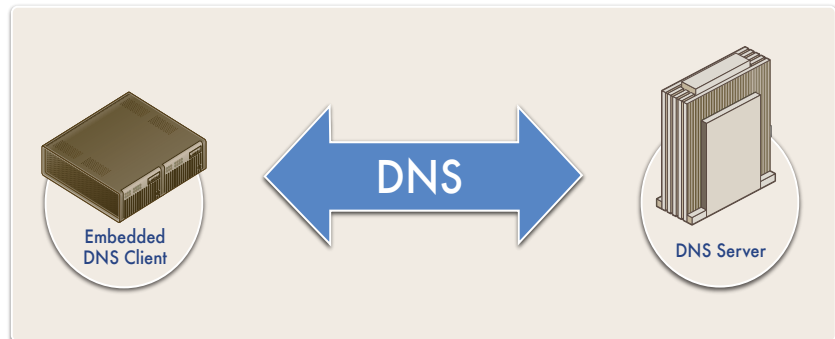# RomDNS™

RomDNS Benefits

- DNS client built for embedded environment
- RFC 1034 and RFC 1035 compliant
- Small RAM/ROM footprint
- ANSI-C Implementation
- Ability to use standalone or integrated with RomMailer, RomPOP and RomWebClient
- Highly portable across OS and TCP/IP implementations
- Interface files for leading RTOS vendors provided

Embedded Domain Name Services Toolkit

Allegro's RomDNS is a Domain Name Services (DNS) client that enables your embedded device to communicate with any Internet DNS server.

RomDNS

The RomDNS toolkit provides a Domain Name Services (DNS) client allowing embedded devices to perform lookups of a variety of DNS records. The following table summarizes the types of DNS queries supported.

Query Type	Query Result
kRdQuery_Addr	Returns IP address
kRdQuery_Ptr	Returns Name
kRdQuery_NS	Returns Name Server
kRdQuery_CNAME	Returns Canonical Name
kRdQuery_SOA	Returns Start of Authority
kRdQuery_HINFO	Returns Host Information
kRdQuery_MX	Returns Mail Exchanger

Used standalone or integrated with RomMailer, RomPOP or RomWebClient, RomDNS reduces design and implementation effort for your embedded networking applicaiton. Fully compliant with RFC 1034 and RFC 1035, your engineering team can use RomDNS to simplify configuration or provide server addresses.

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