



Fusion Embedded™ POP3

The Fusion Embedded POP3 client package provides, via API functions, a complete implementation of RFC1939 "Post Office Protocol - Version 3". Security is implemented via Fusion Net's MD5 (RFC 1321) capabilities. Callback functions can be registered for each phase of the conversation between the server and the client. This allows the programmer visibility into the workings of the protocol and assists in debugging.

The Fusion Embedded POP3 client simplifies access to email. Instead of just providing the commands spelled out in RFC1939 the interface has been partitioned into logical blocks. Each block may make use of multiple RFC commands.

General

The Fusion POP3 client provides the necessary tools to retrieve electronic mail from a POP3 mail server. This is done using TCP/IP to provide reliable delivery of data between the POP3 client and server. All communication is performed on a single socket. The POP3 client issues plain text commands to the server and listens for the plain text responses.

Specific

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POP3 Features

- The secure login portion of the POP3 client (APOP command) provides for an encrypted exchange of user login parameters using MD5 Message-Digest Algorithm
- The POP3 client requires Unicoi System's Fusion Net version 7.0 or higher
- Royalty-free license

Fusion Embedded Products

Networking					Web		Security	Voice	File	Reference Designs
POP3	PPP	IPv6	SMTP	RTP	Browser	DOM	SSL/TLS	Algorithms	NOR	IP Media
SDP	PPPoE	IPv4	SNMP	RTCP	HTML UI	SAX	IPsec	Codecs	NAND	VoIP Phone
IGMP	NAT	FTP	DHCP	TFTP	HTTP	SOAP	IKE	Voice Engine	SD	Terminal Adapter
CIFS	SIP	RTSP	RIP	SNTP			S RTP		SDHC	VoIP Gateway
Telnet	STUN	DNS					SIPS		CIFS	