

RomMailer / RomPOP Features

Email Client Toolkits for Embedded Devices



The RomMailer(SMTP) and RomPOP(POP3) embedded email client toolkits are designed for the embedded device marketplace. They will work with any TCP stack that supports standard socket calls as well as stacks with high-performance non-socket interfaces. They have been integrated with all the major RTOS environments, but include a lightweight scheduler, so they will run in RTOS-less environments as well. The RomMailer and RomPOP toolkits are provided as ANSI-C source code.

The RomMailer Basic toolkit has the following features:

- SMTP compliant
- Sends text email messages to any SMTP server.
- Address and Carbon Copy Address support
- Simple command API
- Compliant with IETF standards (RFC 821, RFC 822)

The RomMailer Standard toolkit has the following features:

- SMTP compliant
- Sends text email messages to any SMTP server.
- Sends MIME-based mail attachments to any SMTP server
- Multiple Address, Carbon Copy Address and Blind Carbon CopyAddresses support
- Message queuing from memory buffer or file system
- In conjunction with RomPager Web Server can send HTML mail with integrated graphics
- Signature support
- Alternate server port support
- Date Header control
- Experimental Header support
- Powerful command API
- Compliant with IETF standards (RFC 821, RFC 822, RFC 2045, RFC 2046, RFC 2110)

The RomMailer Advanced toolkit includes all of the features of RomMailer Standard with the following additional features:

- SMTP extended services support
- Message Delivery Notification (MDN) support
- Delivery Status Notification (DSN) support
- Message / Partial support
- Multipart / Alternative support
- Compliant with IETF standards (RFC 821, RFC 822, RFC 1869, RFC 1870, RFC 1891, RFC 1892, RFC 1894, RFC 2045, RFC 2046, RFC 2047, RFC 2110, RFC 2298)

The RomPOP Basic toolkit has the following features:

- POP3 compliant
- Receives text email messages from any POP3 server.
- Simple command API
- Compliant with IETF standards (RFC 822, RFC 1939)

The RomPOP Standard toolkit has the following features:

- POP3 compliant
- Receives text email messages from any POP3 server.
- Receives MIME-based mail attachments from any POP3 server.
- Receives UUENCODED mail attachments from any POP3 server.
- Message reception to memory buffer or file system
- Individual message read/save/delete control
- Bulk message handling
- Message preview support
- Standard and Alternate Headers support
- Optional performance tuning to trade memory for speed
- Powerful command API
- Compliant with IETF standards (RFC 822, RFC 1939, RFC 2045, RFC 2046)

The RomPOP Advanced toolkit includes all of the features of RomPOP Standard with the following additional features:

- Message Delivery Notification (MDN) support
- Delivery Status Notification (DSN) support
- Message/Partial support
- Compliant with IETF standards (RFC 822, RFC 1939, RFC 1869, RFC 1870, RFC 1891, RFC 1892, RFC 1894, RFC 2045, RFC 2046, RFC 2047, RFC 2298)