

Select Applications & Users

Home/Consumer

- Panasonic
- Scientific Atlanta
- Sharp
- Sony

Multimedia

- Delphi
- Pioneer
- NEC
- Nikon

Networking

- Cisco
- IBM
- Lucent
- Raytheon

The Unicoi Advantage

- **One-stop-shop** for all of your embedded IP product development needs
- **20+ year track record** of delivering embedded software to the developer market

Proven

- Fusion TCP/IP Stack is the **most widely deployed** in the world



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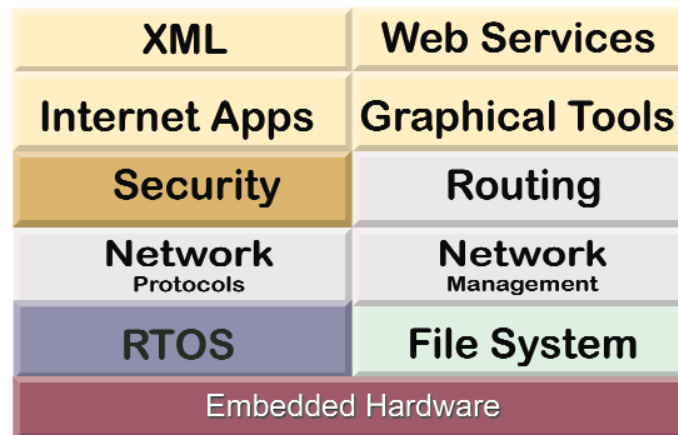
Introducing XML MicroParser

XML (Extensible Markup Language) simplifies communication between intelligent devices and applications and provides flexibility and power to the next generation of intelligent device service delivery.

The Fusion Embedded XML Toolkit is a set of embedded XML development tools that provide instant access to the benefits of XML. The first product is the XML MicroParser that decodes XML documents into C language structures that are easy for designers to integrate into their applications.

XML MicroParser

- Handles either ASCII or Unicode character sets
- Provides a C implementation of the industry standard Simple API for XML (SAX) standard
- Provides event driven call backs for XML constructs (start elements, end elements)
- Incorporates SAX 2.0 functionality, including name spaces and LexicalHandler call backs
- Very small memory footprint. In addition to the document buffer, it requires 13K of ROM and <2K of RAM
- Uses no heap for most documents (exceptions are DTD entity or parameter references, default attributes, attribute values containing entity or character references or new lines)
- Portable to any platform developed using ANSI C language
- Allows an embedded device to exchange information with an enterprise application such as accessing inventory records, personnel databases, security and access control records



Unicoi Fusion Product Suite

Fusion Reference Designs

- VoIP Gateway/Terminal Adaptor
- IP Phone

Fusion Net

- TCP/IPv4/v6 Dual-Mode Stack
- DHCP
- DNS
- FTP
- NAT
- OSPFv2
- RTSP
- RTP
- SIP
- SDP
- SNMP
- Sntp
- Telnet
- POP3
- SMTP

Fusion RTOS

- Real-Time Operating System optimized for high-performance DSPs and media-centric microprocessors

Fusion File Systems

- Flash File System
- CIFS

Fusion Web

- HTTP
- XML
- Microbrowser
- GUI Toolkit

Fusion Secure

- IPsec
- IKEv1
- HTTPS

Fusion Algorithms & Codecs

- Please call for details

XML MicroParser Features

- Provides instant access to benefits of XML
- Implements the XML 1.0 standard for non-validating parsers
- Small memory footprint (13K)
- Runs in Schema-less environments
- Supports industry standard SAX APIs
- Integrates easily with web servers
- Decodes data from a variety of devices
- Quickly implements XML embedded applications
- Runs with any RTOS or networking software
- Royalty-free



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