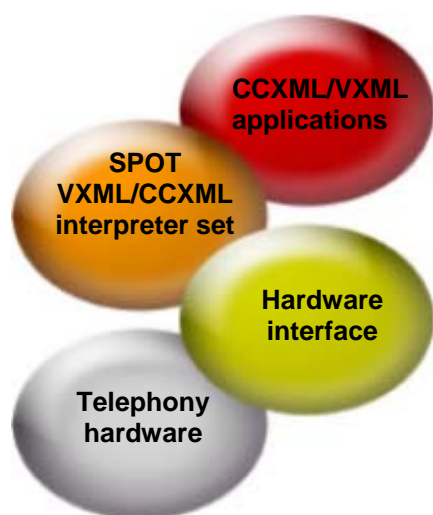


Benefits

- Eliminates application development with low-level telephony APIs
- Ideal for enterprise scale and carrier grade environments
- Linear scalability – seamless growth to unlimited channel count in distributed systems
- Unique, high performance architecture – no memory penalties; no heavy caching
- Vendor agnostic integration with third party speech engines – TTS; ASR
- Standards compliant implementation optimised for use with Prosody X
- Ultimate value per channel – lower TCO; higher ROI



Looking to improve VoiceXML performance?

Why build a VoiceXML/CCXML interpreter yourself or trust slow open source when Aculab can provide you with an extremely cost-effective, high-density, carrier-grade voice application processing solution for communications service providers and enterprises.

VoiceXML and CCXML are W3C standards for creating enhanced applications for interactive voice response (IVR) systems. Applications complying with these standards interface with a software layer known as an interpreter. VoiceXML brings the advantages of web-based development and content delivery (HTML) to IVR applications, while CCXML provides the essential call control by accepting, merging, redirecting and rejecting calls, creating and destroying conferences, and joining calls to conferences and dialogs.

This advantageous union of VoiceXML and CCXML produces applications that are easy to understand and use, enabling users to develop and deploy applications quickly.

From automated out-dialling to ASR/TTS, least cost routing to teleconferencing, the possibilities of feature rich applications are endless with Aculab's VoiceXML/CCXML interpreter set.

Easy integration

The ease of integration of the interpreter with outside components extends a high ROI on existing infrastructure, thus lowering the total cost of ownership, while at the same time reducing the need for staff to be trained on proprietary or low-level languages and APIs.

The VoiceXML/CCXML interpreter set is optimised, through its proprietary middleware on Linux OS, for use with Aculab's Prosody X boards.

The interpreter's components enable a flexible approach for telephony applications and its tiered approach (see graphic) allows for simplicity and ease of installation.

Key advantages

- 1) Unparalleled efficiency: the interpreter's unique architecture reduces system resource dependencies by up to 90% and improves calls per second (CPS) performance* sevenfold over traditional interpreters
- 2) Optimised for high density applications: provides feature rich and high density media processing with call control signalling, IP and PSTN connectivity

* Host platform dependent; in excess of 200 CPS in a dual 2.4 GHz server with a 4 second pre-call announcement

Unparalleled efficiency

In conventional solutions, as applications become more dense and complex, resource dependencies increase substantially resulting in bottlenecks. Aculab's interpreter remedies this situation by using a unique architecture that virtually eliminates application load and memory penalties, thereby allowing applications to scale smoothly.

Aculab's high performance VoiceXML/CCXML interpreter set significantly improves system performance in areas such as CPU usage and memory requirements.

Optimized for high density applications

Developed for use in environments that handle hundreds to thousands of resources, Aculab's VoiceXML/CCXML interpreter is integrated with its Prosody X range to provide feature rich and high density media processing with call control signalling, IP and PSTN connectivity. This allows operators worldwide to introduce and deliver new and innovative voice and data service offerings, including IVR, voice portals, conferencing services, voicemail, unified communications and prepaid services to meet ever changing market demands.

In today's evolving market, as SIP-based application servers begin to replace traditional PSTN-based services, Aculab's latest version of the VoiceXML/CCXML interpreter allows SIP providers to deploy next-generation services architecture using VoIP-based technologies.

The interpreter set also features linear scalability and imposes no limit on the number of channels that are supported in a distributed environment.

V6.8 enhancements

The latest version 6.8 of the interpreter set integrated with Aculab's Prosody X has been designed with ease of installation in mind. This simplified installation is achieved through trimmed configuration questions, a preinstall RPM check, auto checking for common Linux configuration errors, and enhanced installation diagnostics. Compliance is assured as the combination has been successfully tested by running all applicable VoiceXML manifest tests. With this version, 'optional' (per standard) built-in grammars are supported for both DTMF and speech.

Product availability

The VoiceXML/CCXML interpreter set is available now under a software license for use with Aculab's Prosody X series of media processing boards. It can be used with any Prosody X board variant in PCIe, PCI and cPCI form factors. A large number of board configuration options is available, offering combinations of IP and PSTN connectivity together with suitable DSP-based media processing resources.

Request a trial of the interpreter set from Aculab now and see for yourself how it compares to your current VoiceXML/CCXML interpreter.

Aculab offers the patent pending SPOT VoiceXML/CCXML interpreter set from Interact Incorporated Inc. under an OEM agreement.