

Customer Projects with gSOAP

- Financial systems
- Vehicle control systems
- Network and router management systems
- Telecommunications (e.g. TR-069)
- Printer/scanner devices and services (e.g. W3C PWG SM)
- Document processing
- Workflow processing
- Games
- Camera systems and video control (e.g. ONVIF)
- Cloud computing platforms
- SaaS-enabled legacy systems
- Security software
- Defense technology (e.g. VICTORY C4ISR/EW Interoperability)



Products and Services

- R&D in software automation
- Industry standards & XML
- Development tools
- Software licensing
- Cyber security
- Consulting services

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Looking for?

Where to Find

Commercial gSOAP
standard edition

www.genivia.com/products

GPLv2 open source
gSOAP edition

sourceforge.net/projects/gsoap2

BSD-3 open source
RE/Flex tools

www.genivia.com/reflex.html

Sales inquiries

Email sales@genivia.com or call
(+1)850-270-6179

Licensing & support
inquiries

Email contact@genivia.com or call
(+1)850-270-6179

Help and FAQ

www.genivia.com/help

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Why Choose Genivia?

Software automation by automatic programming is vital to increase software development productivity and to harden product reliability and security. Customers worldwide trust Genivia's stable software tools to expedite the development of their products and to meet the latest industry standards.

Genivia Customers

Genivia has a rapidly expanding customer base that includes all of the top 15 technology companies, most of the Fortune 500 companies, and the US department of defense.



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Genivia gSOAP Product Features

- ✓ Type-safe XML data binding tools for C/C++ (including C++11)
- ✓ XML streaming auto-serialization of C/C++ data structures
- ✓ C/C++ (cyclic) object graph serialization (with SOAP id-ref)
- ✓ STL container auto-serialization
- ✓ Customizable XML-to-C/C++ mapping rules
- ✓ XML-RPC from/to JSON from/to C/C++ conversion
- ✓ Automatic code generation for SOAP/REST clients and servers
- ✓ Push and pull XML over sockets, file FD, and std::iostream
- ✓ SaaS enabling of legacy systems as standardized Web services
- ✓ Internationalization and localization (UTF8, UCS4, MB, etc)
- ✓ Fast with over 3000 round-trip SOAP calls per second
- ✓ Small footprint with simple applications under 100Kb.
- ✓ Interoperates with Axis, WCF, SOAP::Lite, Weblogic, etc.
- ✓ Passed W3C Databinding Interoperability working group testing

Protocol Compliance

- WSDL 1.1/2.0
- XSD 1.0/1.1
- SOAP 1.1/1.2
- RESTful XML, XML-RPC, JSON
- HTTP 1.0/1.1
- RSS 0.91/0.92/2.0
- SOAP-over-UDP
- DIME, MIME and MTOM
- WS-Security
- WS-Policy 1.2/1.5
- WS-SecurityPolicy 1.2
- WS-Addressing
- WS-ReliableMessaging 1.x
- WS-Discovery 1.0/1.1
- UDDIv2
- WS-I Basic Profile 1.0a, 1.1, and 1.2

Supported Platforms

- MS Windows Win32 & Win64
- Cygwin & MinGW
- Linux (RedHat, SuSE, etc)
- Unix (Mac OS X, Solaris, BSD, FreeBSD, HP-UX, Irix, QNX, AIX, TRU64, etc)
- OpenVMS
- z/OS
- NonStop Tandem
- VxWorks
- MS-DOS (limited)
- WinCE
- Palm OS
- Symbian
- iOS
- Raspberry Pi
- and many other

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No Support	Optional Professional Support	Includes Professional Support
No Warranty	Limited Warranties	Limited Warranties
GPLv2 Open Source	Proprietary Source Code and Binaries	Proprietary Source Code and Binaries
No Charge	Pricing: Starting at \$995	Pricing: Please Inquire

Top-rated Development Tools



Five star recommendation for gSOAP by CRN survey on C++ Web services development tools. Top-rated by SourceForge users and many satisfied customers:

gSOAP was far beyond my expectations compared to other libraries. Not only are there plenty of examples, but they work right out-of-the-box, allowing me to quickly evaluate how well the product works or if it even works at all! You would not believe how much time I spent with some other libraries just trying to get the samples to work. - D. Heitmueller

For starters, I'd like to say that I had some end-to-end samples up and running in a couple of hours. [...] Needless to say, we're very pleased with the level of interoperability.
- A. Peres-Da-Silva

This toolkit is great! In just a day I learned all about it and have a working server already in place receiving a collection of SOAP calls! - F. Crick

I like the gSOAP solution very much, it is quite agile and easy to understand. The documentation is well prepared. - C. Yu

gSOAP is really good. It is so much more easy to use than other SOAP toolkits.
- R. Kumar