

[ANN] XSD/e 1.1.0 – validating XML parser generator for embedded systems

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- *From:* Boris Kolpackov <boris@xxxxxxxxxxxxxxxxxxxx>
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Hi,

I am pleased to announce the availability of CodeSynthesis XSD/e 1.1.0.

CodeSynthesis XSD/e is an open-source (GPL2 + proprietary license) XML parser generator for mobile and embedded systems. It provides event-driven, stream-oriented XML parsing, XML Schema validation, and C++ data binding while maintaining a small footprint and portability.

Compared to general-purpose validating XML parsers, the XSD/e-generated parsers are 2–10 times faster while maintaining the lowest static and dynamic memory footprints. For example, a validating parser executable can be as small as 120KB in size. XSD/e is also highly-portable and can be used without STL, RTTI, iostream, C++ exceptions, and C++ templates.

Major new features in this release:

- * Parser implementations for all built-in XML Schema types.
- * Automatic generation of sample parser implementations and test drivers.
- * Support for parsing XML documents with varying document roots.
- * New chapters in the Getting Started Guide.

For a complete list of new features see

<http://www.codesynthesis.com/pipermail/xsde-announcements/2007/000001.html>

Supported embedded toolchains include GNU g++ 2.95.x–4.x.x, eMbedded Visual C++ 4.0, and Visual Studio 2005 with Smart Devices support. Precompiled binary distributions are available for GNU/Linux, Solaris, and Windows host development platforms.

More information, documentation, source code, and precompiled binaries are available from

<http://www.codesynthesis.com/products/xsde/>

Best regards,

Boris

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Boris Kolpackov

Code Synthesis Tools CC

<http://www.codesynthesis.com>

tel: +27 76 1672134

fax: +27 21 5526869

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