

PDF3D Toolkit Adds XML Server for 3D File Conversion, Acrobat 9 Compatibility

PDF3D-SDK Version 1.6.0 includes an XML specification conversion server for 3D files, Adobe Acrobat 9 support and many technical improvements in PDF3D document generation.

London, UK, September 2, 2008 -- PDF3D® technology enables batch publishing of interactive 3D PDF documents, harnessing the free Adobe® PDF Reader. A new XML template specification file conversion server and development tool architecture combines 3D models from 3DS, STL, VRML, IV formats to a single 3D PDF composite document. The PDF3D XML Server is designed to enable batch and server-side file conversion systems on both Windows and Linux. Following closely after the release of Adobe Acrobat 9®, this release of PDF3D-SDK includes updates to uphold compatibility with versions 7, 8 and 9.

PDF3D SDK version 1.6.0 includes the following new features:

- XML Server configuration option, allowing batch processing and compositing of multiple 3D object files into 3D PDF technical publishing format.
- Adobe Reader 9, Acrobat Pro 9, Acrobat Pro Extended 9 @compatibility improved, where 3D scenes generated by PDF3D-SDK can be viewed and manipulated without any special corrections or adjustments. Updates were made to existing customers within three weeks of Adobe Reader 9 availability.
- Hyperlink feature triggered by 3D PDF object selection out to supporting sections of the PDF document or external websites. Complex 3D environments can now be supported by backup information, or provide navigation to other sources of detailed information, including web enabled database connections.
- 3D Interactive Probe, let's users investigate 3D models by retrieving full 3D numerical coordinate values, reported into form fields on the PDF page.
- Non-uniform Z axis scale factor can be applied by users in the free Adobe Reader® to expand thin models typical in geology and geophysics.
- A new OpenGL programmer example demonstrates how to integrate PDF3D library calls into an existing OpenGL program for PDF scene export.
- Improved 3D floating text labels, using TrueType fonts, anti-aliasing and dynamic billboard orientations.

“Version 1.6.0 generated 3D documents work well in the Acrobat 9 environment, and we are especially exited to see new features useful to technical publishing users” noted Ian Curington, CEO of Visual Technology Services Ltd. “While users can rotate, zoom, pan, set transparency, explore and review analysis results on 3D models, the recent Adobe additions of a new corner orientation icon assists navigation, and the ‘fly’ mode is welcome for geospatial and environmental clients.”

PDF3D SDK 1.6.0 is used by scientists, engineers, researchers and software vendors to enable improved communication through the PDF standard, with immediate availability. The release comes with a complete suite of interfaces, ready-to-use applications, source code examples, and full documentation. PDF3D-SDK is available for OEM/ISV integration within commercial products and server deployment. Pricing on request.

About PDF3D

PDF3D is a specialized technical publishing technology from the dynamic and innovative Visual Technology Services with unique visualization skills specializing in the delivery of customer solutions with specialized analysis, leveraging skills and IP in interactive graphics, novel display techniques and data visualization with clients in mechanical engineering analysis, defense, aerospace, nanotechnology, microelectronics, material science, geology and geophysics. The ISO9001:2000 certified professional services team is available for enhanced solution development.

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