IntegrityWare

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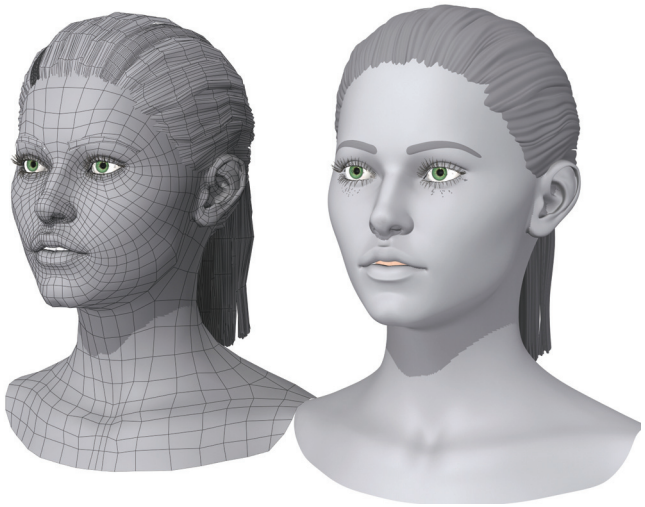
SubD-NURBS is an integration toolkit that bridges the gap between conceptual modeling with Subdivision Surfaces and precise modeling with NURBS surfaces by producing high quality NURBS geometry from Sub-D geometry.

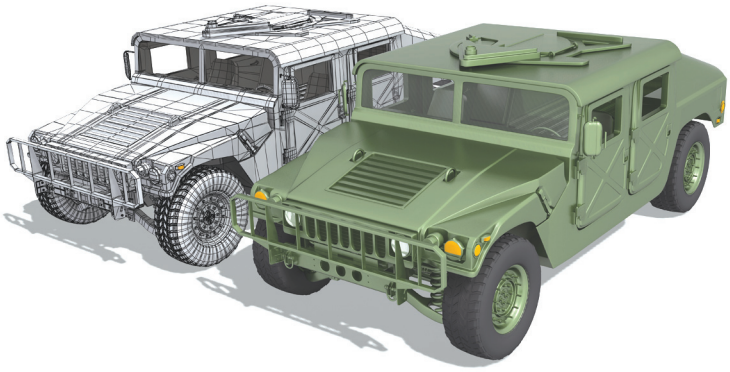
SubD-NURBS is a revolutionary product that will fundamentally change the way that artists, engineers and designers work together in the 3D world.

SubD-NURBS unities the diverse modeling paradigms of Sub-D(Subdivision Surface) modeling and CAD (NURBS-based) modeling. SubD-NURBS quickly and accurately converts Sub-D models into a NURBS-based format that can easily interface with CAD systems. Now your work flow can combine the conceptual design process of Sub-D modeling with the engineering, analysis, and manufacturing design process of CAD operations. SubD-NURBS is the powerful enabling tool that forges that important missing link between the two modeling paradigms.

SubD-NURBS can convert virtually any Sub-D model into a precise NURBS representation that can be read into virtually any CAD system. SubD-NURBS creates high quality surfaces, which accurately interpolate the vertices of the original Sub-D mesh.

SubD-NURBS is the first released product produced by IntegrityWare's Gem Development Initiative. The goal of this initiative is to produce high quality, innovative, optimized technology solutions to solve specific, important geometric modeling problems.





SubD-NURBS is a high performance library that software developers can easily integrate into their 3D modeling systems. Whether you have a Sub-D based modeling system, or a NURBS based modeling system, or hybrid system, SubD-NURBS can expand the value of your modeling system to leverage the best of both worlds.

Sub-D modeling and NURBS modeling both have unique advantages and inherent weaknesses. SubD-NURBS is a novel and powerful unifier between these two technologies. SubD-NURBS combines the strengths of both paradigms. Possible application scenarios include:

- CAD and Architectural Systems wishing to import Sub-D Meshes.
- Sub-D based graphics programs wishing to convert and export as NURBS for CAD systems.
- CAD or Sub-D modeling systems wishing to present an integrated environment where Sub-D and NURBS modeling tools are integrated into a single environment.

www.IntegrityWare.com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