



The **Visualization Toolkit (VTK)** is an open-source, freely available software system for 3D computer graphics, image processing and visualization. VTK consists of a C++ class library and several interpreted interface layers including Tcl/Tk, Java, and Python. [Kitware](#), whose team created and continues to extend the toolkit, offers [professional support and consulting](#) services for VTK. VTK supports a wide variety of visualization algorithms including: scalar, vector, tensor, texture, and volumetric methods; and advanced modeling techniques such as: implicit modeling, polygon reduction, mesh smoothing, cutting, contouring, and Delaunay triangulation. VTK has an extensive information visualization framework, has a suite of 3D interaction widgets, supports parallel processing, and integrates with various databases on GUI toolkits such as Qt and Tk. VTK is cross-platform and runs on Linux, Windows, Mac and Unix platforms.

News

[More News >](#)

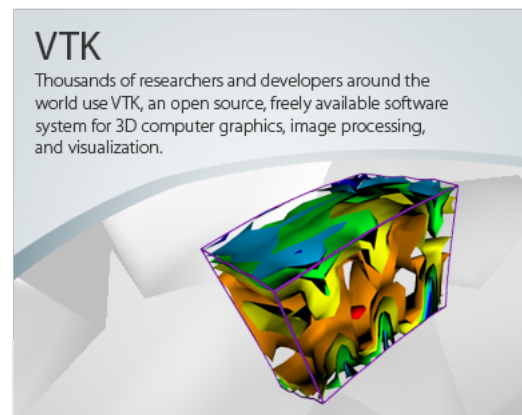
10.31.2011 [Kitware Courses Move to Webinar Format](#)

10.07.2011 [Students' VTK Google Summer of Code Projects Completed](#)

10.04.2011 [Kitware Books on Amazon in France and Germany](#)

09.19.2011 [Free Online Courses Now Available](#)

09.14.2011 [VTK 5.8.0 Released](#)



This work is licensed under a [Creative Commons Attribution-NoDerivs 3.0 Unported License](#). Additional information on this license can be found [here](#).