

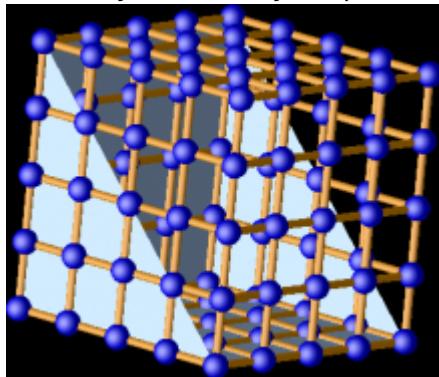
OpenDX tutorials

This page is currently under construction

Examples and tutorials showing the usage of [OpenDX](#) visualization system.

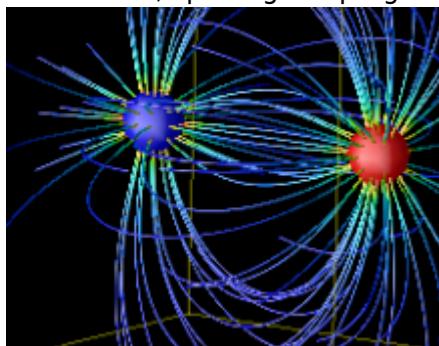
Mesh visualization intro

Very simple, seven steps tutorial showing how to visualize grid components like nodes, edges, boundary faces. Very simple Cartesian grid is created with “Construct” element. [More ...](#)



Electric dipole

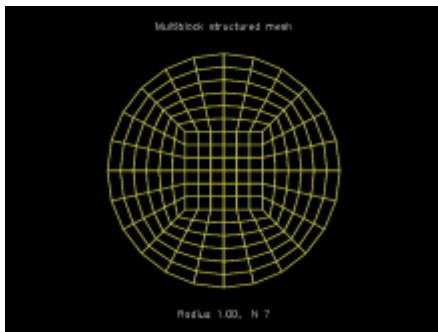
Electric dipole – this somehow larger example shows in particular how to use “Compute” elements to calculate arbitrary scalar field, creation of simple GUI controls, various ways of visualizing scalar and vector field, splitting the program into multiple pages via “Transmit-Receive” connections. [More ...](#)



Download: [dipole.tar.gz](#) 9.4KB

Circle mesh generation

OpenDX provides some limited capabilities for structured mesh generation, however that is enough to generate structured meshes in some regions other than rectangles or parallelepipeds. In this tutorial three distinct methods for generating structured or block-structured mesh for a circle are illustrated.



[Read more ...](#)

Download: [meshcircle.tar.gz](#) 498KB

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