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CISM_DX OpenDX Tutorials with Self-Contained Instructions
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— OpenDX is one program in the CISM_DX software package that uses a Visual
Program Editor (VPE) to create programs to visualize simulation data as part of
the Center for Integrated Space Weather Modelling (CISM). We have developed two
tutorials using OpenDX to teach beginning students to create visualizations. These
tutorials assume a basic understanding of how to select, place, connect and configure
VPE modules as well as basic navigation within OpenDX. Tutorial 1 teaches a user
how to create a basic animation without external inputs. Tutorial 2 introduces data
importation and visualization on a cut scalar plane. The advantage of these tuto-
rials is the user's immediate involvement in creating programs without an external
instruction manual. Both tutorials are designed specifically to introduce the Florida
Tech CISM group's new members to the basics of OpenDX.

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