

# The V-Atlas Event Visualization Program

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We describe an event visualization package in use in ATLAS. The package is based upon Open Inventor and its HEPVIs extensions. It is integrated into ATLAS's analysis framework, is modular and open to user extensions, co-displays the real detector description/simulation (GeoModel/GEANT) geometry together with event data, and renders in real time on regular laptop computers, using their available graphics acceleration. The functionality requires no commercial software. It has been used to debug, extensively, the geometry of the ATLAS detector and is now being applied to commissioning activities.

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