

Enabling Control of How Content is Displayed

Tree Grid View and Dynamic View Definitions describe how to visualize the results when a Query Definition is executed. Tree Grid View Definitions map elements of a Query Definition to Tree Nodes and columns. These elements are the components that define a Tree Grid View. Thus, a specific Query Definition is executed to identify Query Results which are then visualized as a Tree Grid View based on the mappings in a Tree Grid View Definition. DPN uses both Query Definitions and Tree Grid Views. Views can provide additional visual information simply based on color and transparency. That is, render the 3D geometry using a particular color to emphasize (or de-emphasize) when viewing with other parts. Likewise, the level of transparency can be used for a similar effect. Dynamic View Definitions allow users to identify a Data Processor which uses a Query Processing API to implement customization points that allow end-users to adjust or define 3D color and transparency used in a 3D View.

