

# Saved Views

Saved Views are a mechanism to restore an original 3D View scene from a modified 3D View scene by re-applying the functions that resulted in the original scene at the time it was saved. These include the selected Dynamic View Definition, used Parameter Values, selected View Mode, added parts and assemblies, and current camera position.

A Saved View includes only input information as opposed to the IDs, for example, of all displayed view files. As a result, a restored 3D View scene is not guaranteed to match an original 3D View scene because the results returned by QD execution may include a different result set.

Not all 3D View scene parameters are restored. For example, the Display Style, Exploded Increment, Measurements, and Cutting Planes are not included.

Given Saved Views will remain associated with all versions of a given target Item.

Saved Views are stored using the SavedView ItemType with source types derived from the Dynamic View Definition context ItemTypes collected under the SVTargetItem poly ItemType. On Dynamic View Definition creation, a context ItemType will be added to the Poly Sources list of the SVTargetItem ItemType, if it has not been already added. The SVTargetItem ItemType will be created during the DynamicModelConstrator AML package import.

## Important

If a Dynamic View Definition was created for an ItemType other than **CAD** prior to 12.0 SP8, the **Saved View** button may not appear in the **Dynamic Viewer** tab due to non-existing source type. In this case, the context item for this Dynamic View Definition must be added to the **Poly Sources** list of the **SVTargetItem** ItemType.

## Important

If a Query Definition or Query Definition Parameters are modified or removed after a Saved View is created, errors may be shown when restoring the View state.

The restoration of the camera position for the **Saved Views** can be turned on and off by the administrators using the `3D Visualization.RestoreCamera` variable. To restore the current camera position of the Saved View in the 3D Viewer, set the variable to True. When the variable is



set to False, the camera position of the Saved View in the 3D Viewer is not restored when the Saved View is rendered.

In future, end users will have the ability to configure sub section names under the Saved View section. This will enable users to organize the Saved Views.

