

# Creating a Work Instructions Annotation Activity

P2



A Work Instructions Annotation Activity differs from a typical DPM Annotation Activity in the following ways:

- A Work Instructions Annotation activity can only be related to a Part or Product FTA. Since Process FTA is not stored directly in the Manufacturing Hub, it is not possible to store a relationship in the Manufacturing Hub between a Work Instructions Annotation and Process FTA.
  - Visualization changes made in DELMIA Process Engineer to the properties of an engineering FTA representation, when saved, appear when the process document is loaded from the Manufacturing Hub. The visual properties include: position, color and display properties such as fixed or parallel to screen and the ability to stretch and shrink leader lines.
  - A different icon is used to signify that this activity is saved in the Manufacturing Hub.
- This command is active only when the current process document has been loaded from the Manufacturing Hub.



1. From the **Generative Work Instructions** toolbar, click **Create a Work Instructions Annotation Activity**



2. Select a reference activity in the PPR tree to place the new Visibility activity before, after, or as a child of.

The **Activity Creation Options** dialog box is displayed:



3. Select any product, resource or annotation to be affected then click **OK**.

Valid selections include any product, resource or annotation that is the child of a product or resource.

A Work Instructions Annotation activity is created in the process tree. The activity is inserted into the existing process flow, and start and stop activities are created if needed.



When the process simulation is run, the affected products or annotations have their hide/show status changed in accordance with the values stored in the activity.

## Notes

### General

When working with Work Instructions Annotation activities, note that they:

- can only be created under an authorized father, as defined by the Process Engineer **plantypeset** used for the project.
- can be edited by double clicking them, or via the contextual menu.
- can be deleted by selecting them and using the Delete key, or via the contextual menu.
- are subject to locks, filtering, etc., in the same manner as other activities that are saved in the Manufacturing Hub.

## Limitations

- Only those Work Instruction simulation activities created with the new Generative Work Instruction commands can be saved to Process Engineer. Older versions of these activities (created with old commands) can not be saved to the Manufacturing Hub. For this reason, it is strongly recommended that these different types of activities are not mixed in a given DPM session.
- A Work Instructions Annotation activity can not have a process annotation as an affected object.
- Parts managed by a Work Instruction Visibility activity are not shown under the activity in the Process structure section of the PPR tree. The activity must be double-clicked to view these parts in the preview window.

