

Creating a Walk Forward Activity



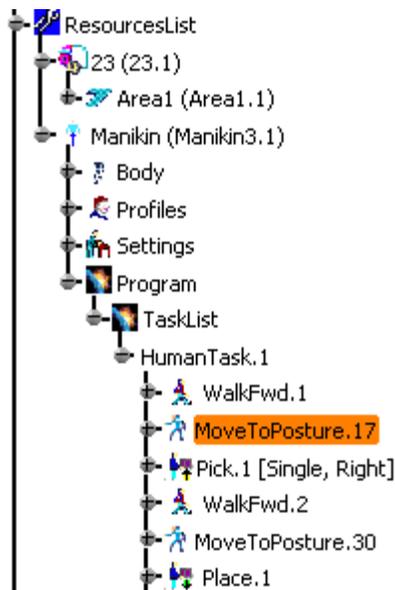
This procedure describes how to create a walk forward activity for a specific worker loaded in the PPR tree.



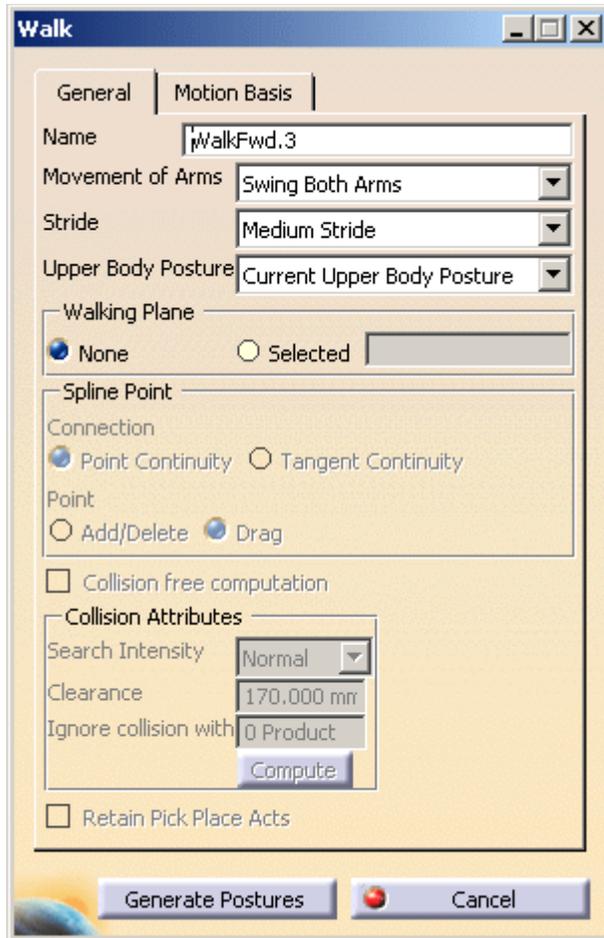
Before executing this command, the manikin and all other resources must be inserted. From the samples directory, open the [Walk.CATProcess](#) file.



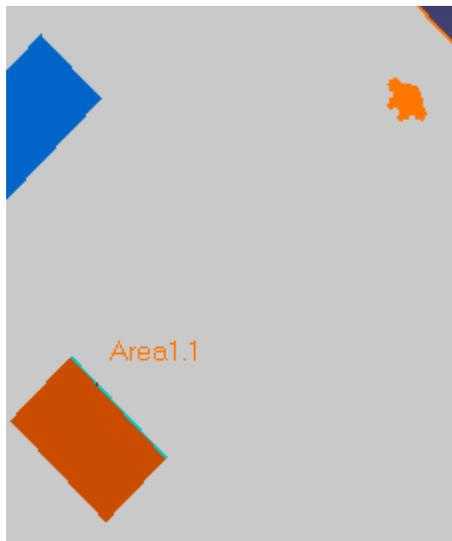
1. Save the initial state. 
2. Select the **Walk Forward**  from the **Human Activities** toolbar.
3. Select a **manikin** or a preceding **activity/task** from a specific worker's TaskList in the PPR tree.



- If you select a worker after selecting this command, a new task will automatically be created for the worker and the new walk activity will be the first one under that new task.
 - If you select an activity of an existing task, the new walk activity will be a successor to that selected activity.
5. The Walk dialog box appears. In this example, for the walking plane, highlight **Selected** in the dialog box.
 6. In the PPR tree or in the 3D view, select the area where the worker will walk. Select the Spline point type.



7. The 3D view is reframed to show a top view of the area or plane on which the worker will walk.

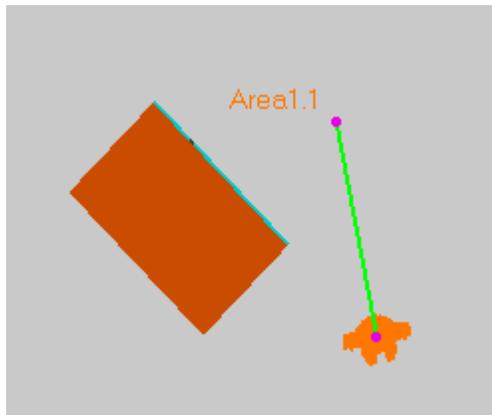


Creating the walk

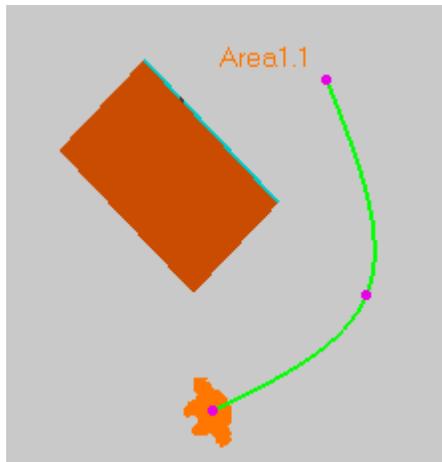
- Single-click to add a target point
- Right-click to end creation of the walk path

8. Select the **first target** point for the walk.

9. When the point is selected, the end position of the walk is shown as well as a green line showing the route that the worker will take.

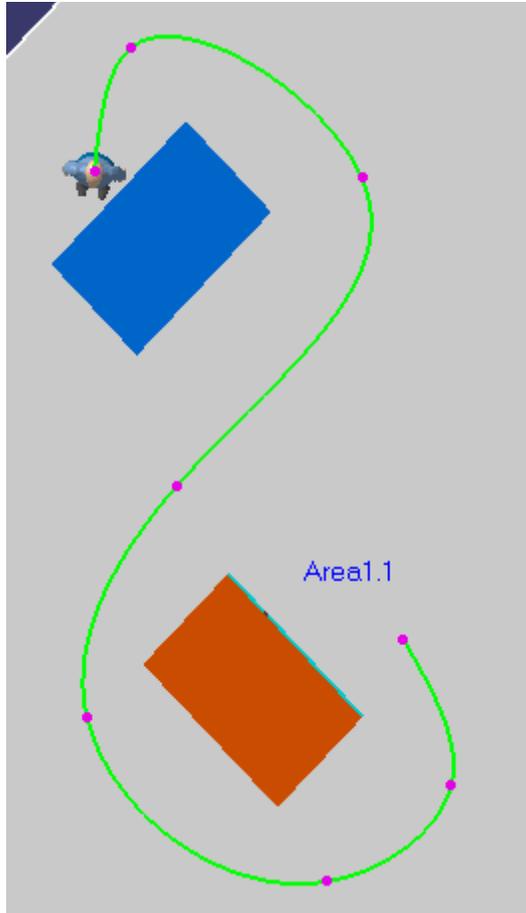


10. Select a second target point on the area. A curve (spline) is created between the starting point of the worker, through the first and second points.

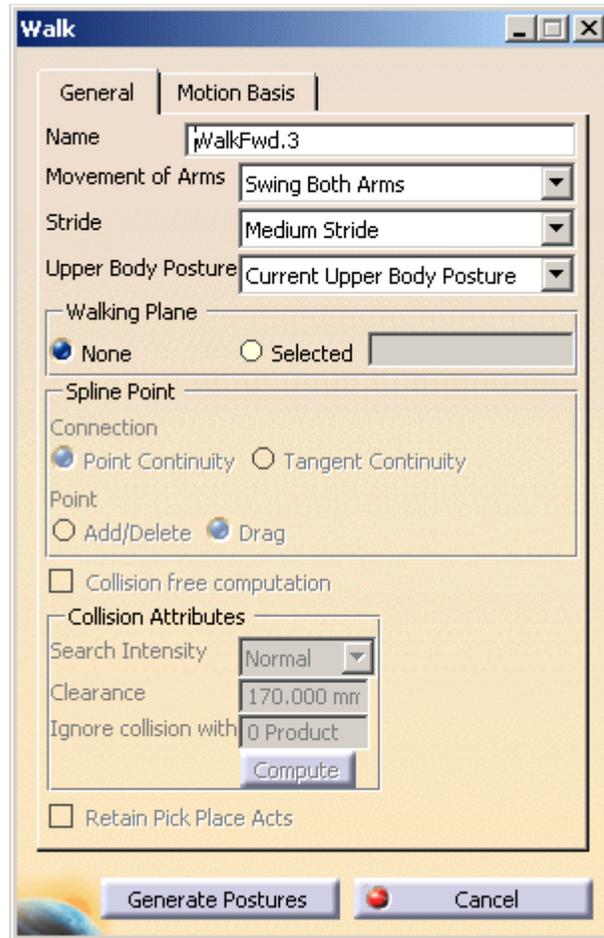


11. Select a third target point on the area.

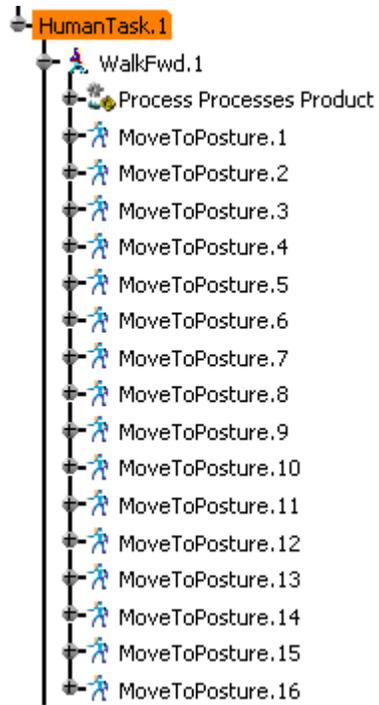
12. Select additional target points on the area as desired. Right-click to end creation of the walk path.



13. In the **Walk Options** dialog box, accept the defaults in the [General tab](#) and the [Motion Basis tab](#) or update as desired. See [Creating a Collision free walk](#).



14. Select **Generate Postures** in the **Walk Options** dialog box to generate the forward walk.
15. The resulting walk forward activity can be expanded in the PPR tree to show the sub-activities.



16. Restore the initial state.

