

Creating a Part Template

P2



This scenario explains how to create a part template containing a keypad that will be instantiated into a CATProduct document.



1. Open the [PktMobilePhoneKeypad.CATPart](#) file. The following image displays.



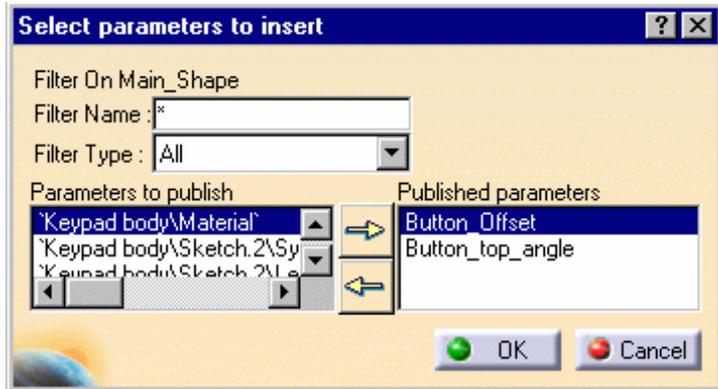
- From the Insert menu, select the Document Template Creation ... command. The Document Template Definition window displays.
- In the Document Template Definition window, click the Inputs tab to select the inputs you want to select. To do so, proceed as follows:
 - In the geometry, select the following features:
 - Curve.8
 - Sharp_Sketch.3
 - Arrow_down_Sketch.6
 - Ok_Sketch.7
 - Arrow_up_Sketch.8
 - Cancel_Sketch.9
 - Surface.3
 - In the Inputs tab, select the Curve.8 feature and assign it a role in the Role field. Repeat the same operation for the features you selected. The final Inputs tab should look like the picture below.

Name	Path	Role	Type
Curve.8	Main_Shape\Inputs\Curve.8	0 Num Key	Manual
Sharp_Sketch.3	Main_Shape\Inputs\Sharp_Sketch.3	Sharp Key	Manual
Arrow_down_Sketch.6	Main_Shape\Inputs\Arrow_down_Sketch.6	Down Key	Manual
Ok_Sketch.7	Main_Shape\Inputs\Ok_Sketch.7	OK Key	Manual
Arrow_up_Sketch.8	Main_Shape\Inputs\Arrow_up_Sketch.8	Up Key	Manual
Cancel_Sketch.9	Main_Shape\Inputs\Cancel_Sketch.9	Cancel Key	Manual
Surface.3	Main_Shape\Inputs\Surface.3	Front Ref Surface	Manual

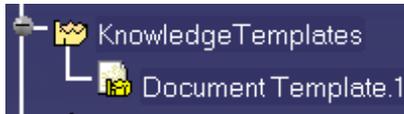
Role : 0 Num Key

4. In the Document Template Definition window, click the Published Parameters tab to publish parameters. To do so, proceed as follows:

- Click the  button. The Select parameters to insert window displays. In the Parameters to publish column, click the Button_Offset and the Button_top_angle parameters and use the arrow to select them.



- Click OK twice. The Document template is added to the KnowledgeTemplates node.



Save the file.

5. Store the document template in a catalog. To do so, proceed as follows:

- From the Start menu, select the Infrastructure->Catalog Editor command. The Catalog Editor opens.
- Double-click Chapter.1 and click the Add Family icon to create a family. Indicate the name of the family in the Name field, Keypad in this scenario, and click OK. The Keypad family is added below Chapter.1 in the tree.
- Double-click Keypad in the tree and click the Add Component icon. The Description Definition dialog box displays. Click the Select external feature button and click the Document template in the CATPart file to select it. The template is added to the Description Definition window. Click OK.
- Save the catalog and close it. Click [here](#) to display the resulting CATPart file.

6. Save the PktMobilePhoneKeypad.CATPart file, close it, and proceed to the next task: [Instantiating a Part Template](#).