

Language="VBSCRIPT"

Sub CATMain()

Dim partDocument1 As Document
Set partDocument1 = CATIA.ActiveDocument

Dim part1 As Part
Set part1 = partDocument1.Part

Dim shapeFactory1 As Factory
Set shapeFactory1 = part1.ShapeFactory

Dim constRadEdgeFillet1 As ConstRadEdgeFillet
Set constRadEdgeFillet1 = shapeFactory1.AddNewSurfaceEdgeFilletWithConstantRadius(Nothing, catTangencyFilletEdgePropagation, 30.000000)

constRadEdgeFillet1.FilletBoundaryRelimitation = 1236208

Dim hybridBodies1 As HybridBodies
Set hybridBodies1 = part1.HybridBodies

Dim hybridBody1 As HybridBody
Set hybridBody1 = hybridBodies1.Item("babw2")

Dim hybridBodies2 As HybridBodies
Set hybridBodies2 = hybridBody1.HybridBodies

Dim hybridBody2 As HybridBody
Set hybridBody2 = hybridBodies2.Item("Formvariante")

Dim hybridShapes1 As HybridShapes
Set hybridShapes1 = hybridBody2.HybridShapes

Dim hybridShapeHealing1 As HybridShape
Set hybridShapeHealing1 = hybridShapes1.Item("Reparatur.Formvariante")

Dim reference1 As Reference
Set reference1 =

part1.CreateReferenceFromBRepName("REdge:(Edge:(Face:(Brp:(GSMLoft.37;(Brp:(GSMCurve.213);Brp:(GSMCurve.207);Brp:(GSMCurve.219);Brp:(GSMCurve.217)));None:();Cf11:());Face:(Brp:(GSMBiDim.1;%75);None:();Cf11:());None:(Limits1:();Limits2:());Cf11:());WithTemporaryBody;WithoutBuildError;WithSelectingFeatureSupport;MFBRepVersion_CXR15)", hybridShapeHealing1)

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constRadEdgeFillet1.AddObjectToFillet reference1  
constRadEdgeFillet1.EdgePropagation = catTangencyFilletEdgePropagation  
constRadEdgeFillet1.FilletBoundaryRelimitation = catConnectFilletBoundaryRelimitation  
constRadEdgeFillet1.FilletTrimSupport = catTrimFilletSupport  
part1.Update  
End Sub
```