

```
1 Imports System.Collections.Generic
2
3 Imports Grasshopper.Kernel
4 Imports Rhino.Geometry
5 Imports Interop.gsa_8_7
6 Imports UsageDataCollection
7
8
9 Public Class DeleteAnalysisResults
10 Inherits GH_Component
11     ''' <summary>
12     ''' Initializes a new instance of the DeleteAnalysisResults class.
13     ''' </summary>
14     Public Sub New()
15         MyBase.New("DeleteAnalysisResults", "Delete Analysis Results", _
16             "Delete All Analysis Results and Save GSA File", _
17             "GsaComTools", "Analysis")
18     End Sub
19
20     ''' <summary>
21     ''' Registers all the input parameters for this component.
22     ''' </summary>
23     Protected Overrides Sub RegisterInputParams(pManager As GH_Component.GH_InputParamManager)
24         pManager.AddGenericParameter("Gsa", "Gsa", "Gsa COM Object", GH_ParamAccess.item)
25     End Sub
26
27     ''' <summary>
28     ''' Registers all the output parameters for this component.
29     ''' </summary>
30     Protected Overrides Sub RegisterOutputParams(pManager As GH_Component.GH_OutputParamManager)
31         pManager.AddGenericParameter("Gsa", "Gsa", "Gsa COM Object", GH_ParamAccess.item)
32     End Sub
33
34     ''' <summary>
35     ''' This is the method that actually does the work.
36     ''' </summary>
37     ''' <param name="DA">The DA object is used to retrieve from inputs and store in outputs.</param>
38     Protected Overrides Sub SolveInstance(DA As IGH_DataAccess)
39         Dim FileName As String
40         Dim Task As Integer
41         Dim s As Short
42         Dim IntResult As Short
43         Dim Result As Boolean
44         Dim myDataCollector As New DataCollector
45         Dim myObjectWrapper As Types.GH_ObjectWrapper
46
47         'Import GSA File Name
48         If (Not DA.GetData(0, myObjectWrapper)) Then Return
49
50         Dim GsaObj As ComAuto = TryCast(myObjectWrapper.Value, ComAuto)
51
```

```
52     'Analyze
53     s = GsaObj.Delete("RESULTS")
54     IntResult = s
55
56     Select Case s
57         Case 1
58             AddRuntimeMessage(GH_RuntimeMessageLevel.Warning, "No GSA file
59                 is open")
60         Case 2
61             AddRuntimeMessage(GH_RuntimeMessageLevel.Warning, "Invalid
62                 option")
63         Case 3
64             AddRuntimeMessage(GH_RuntimeMessageLevel.Warning, "That data is
65                 not present; - no action taken")
66     End Select
67
68     'Send Usage Data
69     myDataCollector.UsageStatistics("DeleteAnalysisResults")
70
71     'Return Results
72     DA.SetData(0, GsaObj)
73 End Sub
74
75 ''' <summary>
76 ''' Provides an Icon for every component that will be visible in the User
77 Interface.
78 ''' Icons need to be 24x24 pixels.
79 ''' </summary>
80 Protected Overrides ReadOnly Property Icon() As System.Drawing.Bitmap
81     Get
82         'You can add image files to your project resources and access them
83         like this:
84         ' return Resources.IconForThisComponent;
85         Return My.Resources.Analysis_DeleteAnalysisResults
86     End Get
87 End Property
88
89 ''' <summary>
90 ''' Gets the unique ID for this component. Do not change this ID after
91 release.
92 ''' </summary>
93 Public Overrides ReadOnly Property ComponentGuid() As Guid
94     Get
95         Return New Guid("{ba071ba4-85e0-4d01-9191-8fac39e26f8a}")
96     End Get
97 End Property
98 End Class
```