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Redlands, California, U.S.A. 92373 26 27 Email: contracts@esri.com
28 29Option Explicit 30 31 vb version of the PathFinder object 32 33
本地变量 34Private m_ipGeometricNetwork As
esriGeoDatabase.IGeometricNetwork 35Private m_ipMap As
esriCarto.IMap 36Private m_ipPoints As
esriGeometry.IPointCollection 37Private m_ipPointToEID As
esriNetworkAnalysis.IPointToEID 38 返回结果变量 39Private
m_dbIPathCost As Double 40Private m_ipEnumNetEID_Junctions
As esriGeoDatabase.IEnumNetEID 41Private
m_ipEnumNetEID_Edges As esriGeoDatabase.IEnumNetEID
42Private m_ipPolyline As esriGeometry.IPolyline 43 44 45
Optionally set the Map (e.g. the current map in ArcMap), 46
otherwise a default map will be made (for IPointToEID). 47 48Public
Property Set Map(Map As esriCarto.IMap) 49 Set m_ipMap = Map
50End Property 51 52Public Property Get Map() As esriCarto.IMap
53 Set Map = m_ipMap 54End Property 55 56 Either
OpenAccessNetwork or OpenFeatureDatasetNetwork 57 needs to
be called. 58 59Public Sub OpenAccessNetwork(AccessFileName As
String, FeatureDatasetName As String) 60 61 Dim

```
ipWorkspaceFactory As esriGeoDatabase.IWorkspaceFactory 62
Dim ipWorkspace As esriGeoDatabase.IWorkspace 63 Dim
ipFeatureWorkspace As esriGeoDatabase.IFeatureWorkspace 64
Dim ipFeatureDataset As esriGeoDatabase.IFeatureDataset 65 66
After this Sub exits, well have an INetwork interface 67 and an IMap
interface initialized for the network well be using. 68 69 close down
the last one if opened 70 CloseWorkspace 71 72 open the mdb 73 Set
ipWorkspaceFactory = New
esriDataSourcesGDB.AccessWorkspaceFactory 74 Set ipWorkspace
= ipWorkspaceFactory.OpenFromFile(AccessFileName, 0) 75 76
get the FeatureWorkspace 77 Set ipFeatureWorkspace =
ipWorkspace 78 79 open the FeatureDataset 80 Set ipFeatureDataset
= ipFeatureWorkspace.OpenFeatureDataset(FeatureDatasetName)
81 82 initialize Network and Map (m_ipNetwork, m_ipMap) 83 If
Not InitializeNetworkAndMap(ipFeatureDataset) Then Err.Raise 0,
"OpenAccessNetwork", "Error initializing Network and Map" 84
85End Sub 86 87Public Sub
OpenFeatureDatasetNetwork(FeatureDataset As
esriGeoDatabase.IFeatureDataset) 88 close down the last one if
opened 89 CloseWorkspace 90 91 we assume that the caller has
passed a valid FeatureDataset 92 93 initialize Network and Map
(m_ipNetwork, m_ipMap) 94 If Not
InitializeNetworkAndMap(FeatureDataset) Then Err.Raise 0,
"OpenFeatureDatasetNetwork", "Error initializing Network and
Map" 95 96End Sub 97 98 The collection of points to travel through
must be set. 99 100Public Property Set StopPoints(Points As
```

esriGeometry.IPointCollection) 101 Set m_ipPoints = Points
102End Property 103 100Test 下载频道开通，各类考试题目直
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