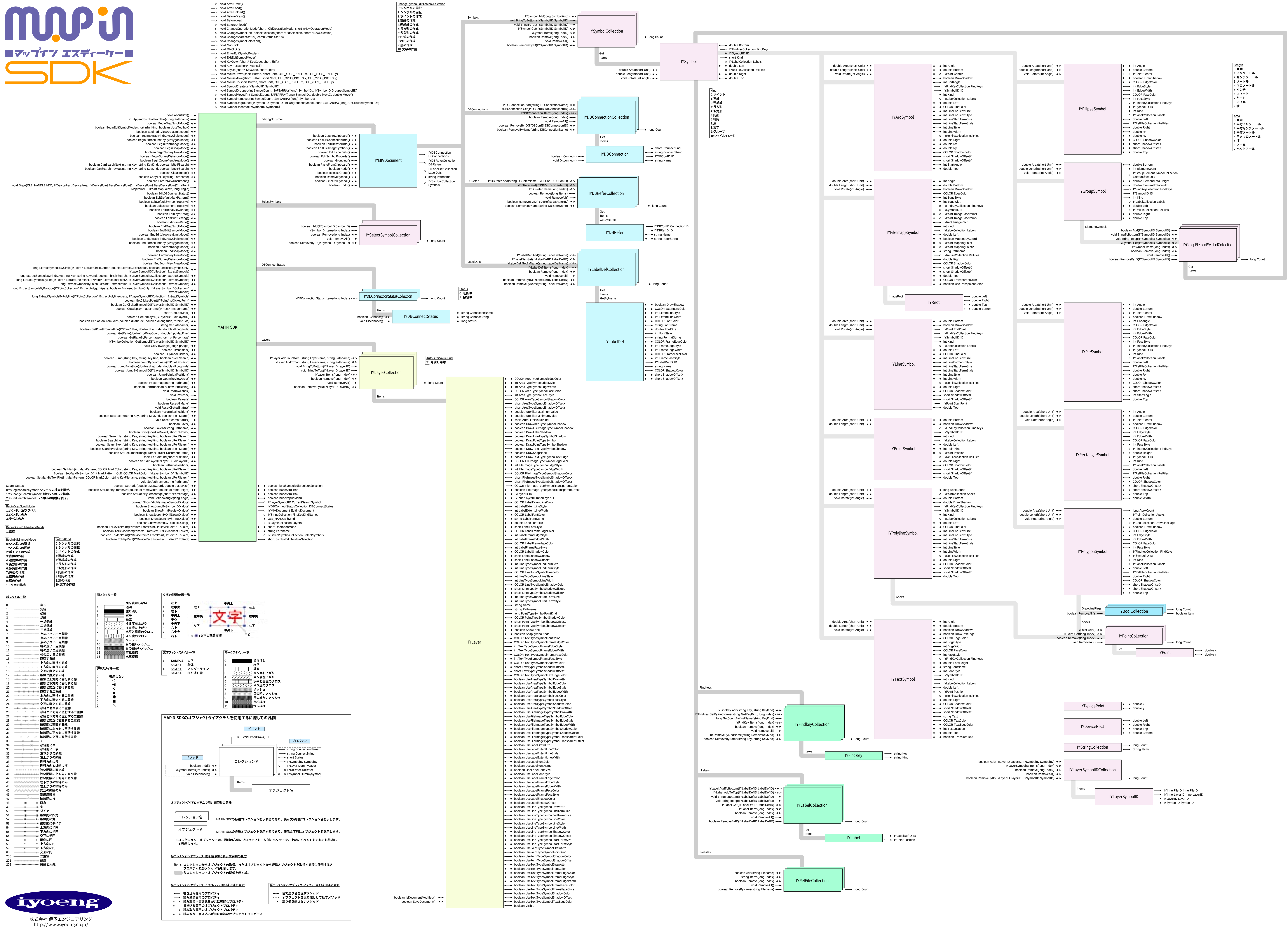

マッピン エスディーケー
SDK
void AfterDraw()
void AfterLoad()
void AfterUnload()
void BeforeDraw()
void BeforeLoad
void BeforeUnload()
void ChangeOperationMode(short nOldOperationMode, short nNewOperationMode)
void ChangeSymbolEditToolboxSelection(short nOldSelection, short nNewSelection)
void ChangeSearchStatus(SearchStatus Status)
void ChangeSymbolSelection()
void MapClick
void DblClick()
void EnterEditSymbolMode()
void ExitEditSymbolMode()
void KeyDown(short* KeyCode, short Shift)
void KeyPress(short* KeyAscii)
void KeyUp(short* KeyCode, short Shift)
void MouseDown(short Button, short Shift, OLE_XPOS_PIXELS x, OLE_YPOS_PIXELS y)
void MouseMove(short Button, short Shift, OLE_XPOS_PIXELS x, OLE_YPOS_PIXELS y)
void MouseUp(short Button, short Shift, OLE_XPOS_PIXELS x, OLE_YPOS_PIXELS y)
void SymbolCreated(IYSymbolID SymbolID)
void SymbolGrouped(int SymbolCount, SAFEARRAY(long) SymbolIDs, IYSymbolID GroupedSymbolID)
void SymbolMoved(int SymbolCount, SAFEARRAY(long) SymbolIDs, double MoveX, double MoveY)
void SymbolRemoved(int SymbolCount, SAFEARRAY(long) SymbolIDs)
void SymbolUngrouped(IYSymbolID SymbolID, int UngroupedSymbolCount, SAFEARRAY(long) UngroupedSymbolIDs)
void SymbolUpdated(IYSymbolID SymbolID)
ChangeSymbolEditToolboxSelection
0:シンボルの選択
1:シンボルの回転
2:ポイントの作成
3:直線の作成
4:連続線の作成
5:長方形の作成
6:多角形の作成
7:円弧の作成
8:楕円の作成
9:扇の作成
10:文字の作成
MAPIN SDK
void AboutBox()
int AppendSymbolFromFile(string Pathname)
boolean BeginDragScrollMode()
boolean BeginEditSymbolMode(short nInitKind, boolean bUseToolbox)
boolean BeginEditViewAreaLimitMode()
boolean BeginExtractFindKeyByCircleMode()
boolean BeginExtractFindKeyByPolygonMode()
boolean BeginPrintRangeMode()
boolean BeginSnapMode()
boolean BeginSurveyAreaMode()
boolean BeginSurveyDistanceMode()
boolean BeginZoomViewAreaMode()
boolean CanSearchNext (string Key, string KeyKind, boolean bRelFSearch)
boolean CanSearchPrevious(string Key, string KeyKind, boolean bRelFSearch)
boolean ClearImage()
boolean CopyToFile(string Pathname)
boolean CreateNewDocument()
void Draw(OLE_HANDLE hDC, IYDeviceRect DeviceArea, IYDevicePoint BaseDevicePoint1, IYDevicePoint BaseDevicePoint2, IYPoint MapPoint1, IYPoint MapPoint2, long Angle)
boolean EditDBConnectStatus()
boolean EditDefaultMarkPattern()
boolean EditDefaultSymbolProperty()
boolean EditDocumentProperty()
boolean EditInitialViewRatio()
boolean EditLayerInfo()
boolean EditPrintSetting()
boolean EditViewRatio()
boolean EndDragScrollMode()
boolean EndEditSymbolMode()
boolean EndEditViewAreaLimitMode()
boolean EndExtractFindKeyByCircleMode()
boolean EndExtractFindKeyByPolygonMode()
boolean EndPrintRangeMode()
boolean EndSnapMode()
boolean EndSurveyAreaMode()
boolean EndSurveyDistanceMode()
boolean EndZoomViewAreaMode()
long ExtractSymbolsByCircle(IYPoint* ExtractCircleCenter, double ExtractCircleRadius, boolean EnclosedSymbolOnly, IYLayerSymbolIDCollection* ExtractSymbols)
long ExtractSymbolsByFindKey(string Key, string KeyKind, boolean bRelFSearch, IYLayerSymbolIDCollection* ExtractSymbols)
long ExtractSymbolsByLine(IYPoint* ExtractLinePoint1, IYPoint* ExtractLinePoint2, IYLayerSymbolIDCollection* ExtractSymbols)
long ExtractSymbolsByPoint(IYPoint* ExtractPoint, IYLayerSymbolIDCollection* ExtractSymbols)
long ExtractSymbolsByPolygon(IYPointCollection* ExtractPolygonApexs, boolean EnclosedSymbolOnly, IYLayerSymbolIDCollection* ExtractSymbols)
long ExtractSymbolsByPolyline(IYPointCollection* ExtractPolylineApexs, IYLayerSymbolIDCollection* ExtractSymbols)
boolean GetClickedPoint(IYPoint* pClickedPoint)
boolean GetClickedSymbolID(IYLayerSymbolID SymbolID)
boolean GetDisplayImageFrame(IYRect* ImageFrame)
short GetEditKind()
boolean GetEditLayer(IYLayerID* EditLayerID)
boolean GetLatLonFromPoint(double* dLatitude, double* dLongitude, YPoint Pos)
string GetPathname()
boolean GetPointFromLatLon(IYPoint* Pos, double dLatitude, double dLongitude)
boolean GetRatio(double* pdMapCoord, double* pdMapPixel)
boolean GetRatioByPercentage(short* pnPercentage)
IYSymbolCollection GetSymbol(IYLayerSymbolID SymbolID)
void GetViewAngle(long* pAngle)
boolean IsModified()
boolean IsSymbolClicked()
boolean Jump(string Key, string KeyKind, boolean bRelFSearch)
boolean JumpByCoordinate(IYPoint Position)
boolean JumpByLatLon(double dLatitude, double dLongitude)
boolean JumpBySymbolID(IYLayerSymbolID SymbolID)
boolean JumpToInitialPosition()
boolean OptimizeViewArea()
boolean PasteImage(string Pathname)
boolean Print(boolean bShowPrintDialog)
void RedrawLabel()
void Refresh()
boolean Reload()
boolean ResetAllMark()
void ResetClickedStatus()
boolean ResetInitialPosition()
boolean ResetMark(string Key, string KeyKind, boolean RelFSearch)
void ResetSearchStatus()
boolean Save()
boolean SaveAs(string Pathname)
boolean Scroll(short nMoveH, short nMoveV)
boolean Search1st(string Key, string KeyKind, boolean bRelFSearch)
boolean SearchLast(string Key, string KeyKind, boolean bRelFSearch)
boolean SearchNext(string Key, string KeyKind, boolean bRelFSearch)
boolean SearchPrevious(string Key, string KeyKind, boolean bRelFSearch)
boolean SetDocumentImageFrame(IYRect DocumentFrame)
short SetEditKind(short nEditKind)
boolean SetEditLayer(IYLayerID EditLayerID)
boolean SetInitialPosition()
boolean SetMark(int MarkPattern, COLOR MarkColor, string Key, string KeyKind, boolean bRelFSearch)
Boolean SetMarkBySymbolID(int MarkPattern, OLE_COLOR MarkColor, IYLayerSymbolID* SymbolID)
boolean SetMarkByTextFile(int MarkPattern, COLOR MarkColor, string KeyFilename, string KeyKind, boolean bRelFSearch)
void SetPathname(string Pathname)
boolean SetRatio(double dMapCoord, double dMapPixel)
boolean SetRatioByFrameSize(double dFrameWidth, double dFrameHeight)
boolean SetRatioByPercentage(short nPercentage)
void SetViewAngle(long Angle)
boolean ShowEditFileImageSymbolDialog()
boolean ShowJumpBySymbolIDDialog()
boolean ShowPrintPreviewDialog()
boolean ShowSearchByDrillDownDialog()
boolean ShowSearchByStringDialog()
boolean ShowSearchByTextFileDialog()
boolean ToDevicePoint(IYPoint* FromPoint, IYDevicePoint* ToPoint)
boolean ToDeviceRect(IYRect* FromRect, IYDeviceRect ToRect)
boolean ToMapPoint(IYDevicePoint* FromPoint, IYPoint* ToPoint)
boolean ToMapRect(IYDeviceRect FromRect, IYRect* ToRect)
boolean bFixSymbolEditToolboxSelection
boolean bUseScrollBar
boolean bUseScrollBox
boolean bUsePopupMenu
IYLayerSymbolID CurrentSearchSymbol
IYDBConnectStatusCollection DBConnectStatus
IYMIVDocument EditingDocument
IYStringCollection FindKeyKindNames
OLE_HANDLE hWnd
IYLayerCollection Layers
short OperationMode
string Pathname
IYSelectSymbolCollection SelectSymbols
short SymbolEditToolboxSelection
SearchStatus
0:ssBeginSearchSymbol: シンボルの検索を開始。
1:ssChangeSearchSymbol: 別のシンボルを検索。
2:ssEndSearchSymbol: シンボルの検索を終了。
BeginDragScrollMode
1:シンボル及びラベル
2:シンボルのみ
3:ラベルのみ
BeginDrawRubberbandMode
1:直線
BeginEditSymbolMode
0:シンボルの選択
1:シンボルの回転
2:ポイントの作成
3:直線の作成
4:連続線の作成
5:長方形の作成
6:多角形の作成
7:円弧の作成
8:楕円の作成
9:扇の作成
10:文字の作成
SetEditKind
0:シンボルの選択
1:シンボルの回転
2:ポイントの作成
3:直線の作成
4:連続線の作成
5:長方形の作成
6:多角形の作成
7:円弧の作成
8:楕円の作成
9:扇の作成
10:文字の作成
EditingDocument
IYMIVDocument
boolean CopyToClipboard()
boolean EditDBConnectionInfo()
boolean EditDBReferInfo()
boolean EditFileImageSymbols()
boolean EditLabelDefs()
boolean EditSymbolProperty()
boolean Grouping()
boolean PasteFromClipboard()
boolean Redo()
boolean ReleaseGroup()
boolean RemoveSymbol()
boolean SelectAllSymbol()
boolean Undo()
IYDBConnection DBConnections
IYDBReferCollection DBRefers
IYLabelDefCollection LabelDefs
string Pathname
IYSymbolCollection Symbols
SelectSymbols
IYSelectSymbolCollection
boolean Add(IYSymbolID SymbolID)
IYSymbolID Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYSymbolID SymbolID)
long Count
DBConnectStatus
IYDBConnectionStatusCollection
IYDBConnectionStatus Items(long Index)
long Count
Items
IYDBConnectStatus
boolean Connect()
void Disconnect()
string ConnectionName
string ConnectString
long Status
Status
0: 切断中
1: 接続中
Layers
IYLayerCollection
IYLayer AddToBottom (string LayerName, string Pathname)
IYLayer AddToTop (string LayerName, string Pathname)
void BringToBottom(IYLayerID LayerID)
void BringToTop(IYLayerID LayerID)
IYLayer Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYLayerID LayerID)
long Count
AutoFilterValueKind
3: 見渡し距離
Items
IYLayer
boolean IsDocumentModified()
boolean SaveDocument()
COLOR AreaTypeSymbolEdgeColor
int AreaTypeSymbolEdgeStyle
int AreaTypeSymbolEdgeWidth
COLOR AreaTypeSymbolFaceColor
int AreaTypeSymbolFaceStyle
COLOR AreaTypeSymbolShadowColor
short AreaTypeSymbolShadowOffsetX
short AreaTypeSymbolShadowOffsetY
double AutoFilterMaximumValue
double AutoFilterMinimumValue
short AutoFilterValueKind
boolean DrawAreaTypeSymbolShadow
boolean DrawFileImageTypeSymbolShadow
boolean DrawLabelShadow
boolean DrawLineTypeSymbolShadow
boolean DrawPointTypeSymbol
boolean DrawPointTypeSymbolShadow
boolean DrawTextTypeSymbolShadow
boolean DrawSnapNode
boolean DrawTextTypeSymbolTextEdge
COLOR FileImageTypeSymbolEdgeColor
int FileImageTypeSymbolEdgeStyle
int FileImageTypeSymbolEdgeWidth
COLOR FileImageTypeSymbolShadowColor
short FileImageTypeSymbolShadowOffsetX
short FileImageTypeSymbolShadowOffsetY
COLOR FileImageTypeSymbolTransparentColor
boolean FileImageTypeSymbolTransparentEffect
IYLayerID ID
IYInnerLayerID InnerLayerID
COLOR LabelExtentLineColor
int LabelExtentLineStyle
int LabelExtentLineWidth
COLOR LabelFontColor
string LabelFontName
double LabelFontSize
short LabelFontStyle
COLOR LabelFrameEdgeColor
int LabelFrameEdgeStyle
int LabelFrameEdgeWidth
COLOR LabelFrameFaceColor
int LabelFrameFaceStyle
COLOR LabelShadowColor
short LabelShadowOffsetX
short LabelShadowOffsetY
int LineTypeSymbolEndTermSize
int LineTypeSymbolEndTermStyle
COLOR LineTypeSymbolLineColor
int LineTypeSymbolLineStyle
int LineTypeSymbolLineWidth
COLOR LineTypeSymbolShadowColor
short LineTypeSymbolShadowOffsetX
short LineTypeSymbolShadowOffsetY
int LineTypeSymbolStartTermSize
int LineTypeSymbolStartTermStyle
string Name
string Pathname
long PointTypeSymbolPointKind
COLOR PointTypeSymbolShadowColor
short PointTypeSymbolShadowOffsetX
short PointTypeSymbolShadowOffsetY
boolean ShowLabel
boolean SnapSymbolNode
COLOR TextTypeSymbolFontColor
COLOR TextTypeSymbolFrameEdgeColor
int TextTypeSymbolFrameEdgeStyle
int TextTypeSymbolFrameEdgeWidth
COLOR TextTypeSymbolFrameFaceColor
int TextTypeSymbolFrameFaceStyle
COLOR TextTypeSymbolShadowColor
short TextTypeSymbolShadowOffsetX
short TextTypeSymbolShadowOffsetY
COLOR TextTypeSymbolTextEdgeColor
boolean UseAreaTypeSymbolDrawAttr
boolean UseAreaTypeSymbolEdgeColor
boolean UseAreaTypeSymbolEdgeStyle
boolean UseAreaTypeSymbolEdgeWidth
boolean UseAreaTypeSymbolFaceColor
boolean UseAreaTypeSymbolFaceStyle
boolean UseAreaTypeSymbolShadowColor
boolean UseAreaTypeSymbolShadowOffset
boolean UseFileImageTypeSymbolDrawAttr
boolean UseFileImageTypeSymbolEdgeColor
boolean UseFileImageTypeSymbolEdgeStyle
boolean UseFileImageTypeSymbolEdgeWidth
boolean UseFileImageTypeSymbolShadowColor
boolean UseFileImageTypeSymbolShadowOffset
boolean UseFileImageTypeSymbolTransparentColor
boolean UseFileImageTypeSymbolTransparentEffect
boolean UseLabelDrawAttr
boolean UseLabelExtentLineColor
boolean UseLabelExtentLineStyle
boolean UseLabelExtentLineWidth
boolean UseLabelFontColor
boolean UseLabelFontName
boolean UseLabelFontSize
boolean UseLabelFontStyle
boolean UseLabelFrameEdgeColor
boolean UseLabelFrameEdgeStyle
boolean UseLabelFrameEdgeWidth
boolean UseLabelFrameFaceColor
boolean UseLabelFrameFaceStyle
boolean UseLabelShadowColor
boolean UseLabelShadowOffset
boolean UseLineTypeSymbolDrawAttr
boolean UseLineTypeSymbolEndTermSize
boolean UseLineTypeSymbolEndTermStyle
boolean UseLineTypeSymbolLineColor
boolean UseLineTypeSymbolLineStyle
boolean UseLineTypeSymbolLineWidth
boolean UseLineTypeSymbolShadowColor
boolean UseLineTypeSymbolShadowOffset
boolean UseLineTypeSymbolStartTermSize
boolean UseLineTypeSymbolStartTermStyle
boolean UsePointTypeSymbolDrawAttr
boolean UsePointTypeSymbolPointKind
boolean UsePointTypeSymbolShadowColor
boolean UsePointTypeSymbolShadowOffset
boolean UseTextTypeSymbolDrawAttr
boolean UseTextTypeSymbolFontColor
boolean UseTextTypeSymbolFrameEdgeColor
boolean UseTextTypeSymbolFrameEdgeStyle
boolean UseTextTypeSymbolFrameEdgeWidth
boolean UseTextTypeSymbolFrameFaceColor
boolean UseTextTypeSymbolFrameFaceStyle
boolean UseTextTypeSymbolShadowColor
boolean UseTextTypeSymbolShadowOffset
boolean UseTextTypeSymbolTextEdgeColor
boolean Visible
Symbols
IYSymbolCollection
IYSymbol Add(long SymbolKind)
void BringToBottom(IYSymbolID SymbolID)
void BringToTop(IYSymbolID SymbolID)
IYSymbol Get(IYSymbolID SymbolID)
IYSymbol Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYSymbolID SymbolID)
long Count
Get
Items
IYSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
double Bottom
IYFindKeyCollection FindKeys
IYSymbolID ID
short Kind
IYLabelCollection Labels
double Left
IYRelFileCollection RelFiles
double Right
double Top
Kind
0:ポイント
1:直線
2:連続線
3:長方形
4:多角形
5:円弧
6:楕円
7:扇
8:文字
9:グループ
10:ファイルイメージ
DBConnections
IYDBConnectionCollection
IYDBConnection Add(string DBConnectionName)
IYDBConnection Get(IYDBConID DBConnectionID)
IYDBConnection Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYDBConID DBConnectionID)
boolean RemoveByName(string DBConnectionName)
long Count
Get
Items
IYDBConnection
boolean Connect()
void Disconnect()
short ConnectKind
string ConnectString
IYDBConID ID
string Name
DBRefer
IYDBReferCollection
IYDBRefer Add(string DBReferName, IYDBConID DBConID)
IYDBRefer Get(IYDBRefID DBReferID)
IYDBRefer Items(long Index)
boolean Remove(long Items)
void RemoveAll()
boolean RemoveByID(IYDBRefID DBReferID)
boolean RemoveByName(string DBReferName)
long Count
Get
Items
GetByName
IYDBRefer
IYDBConID ConnectionID
IYDBRefID ID
string Name
string ReferString
LabelDefs
IYLabelDefCollection
IYLabelDef Add(string LabelDefName)
IYLabelDef Get(IYLabelDefID LabelDefID)
IYLabelDef GetByName(string LabelDefName)
IYLabelDef Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYLabelDefID LabelDefID)
boolean RemoveByName(string LabelDefName)
long Count
Get
Items
GetByName
IYLabelDef
boolean DrawShadow
COLOR ExtentLineColor
int ExtentLineStyle
int ExtentLineWidth
COLOR FontColor
string FontName
double FontSize
int FontStyle
string FormatString
COLOR FrameEdgeColor
int FrameEdgeStyle
int FrameEdgeWidth
COLOR FrameFaceColor
int FrameFaceStyle
IYLabelDefID ID
string Name
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
IYArcSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
int Angle
double Bottom
IYPoint Center
boolean DrawShadow
int EndAngle
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
COLOR LineColor
int LineEndTermSize
int LineEndTermStyle
int LineStartTermSize
int LineStartTermStyle
int LineStyle
int LineWidth
IYRelFileCollection RelFiles
double Right
double Rx
double Ry
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
int StartAngle
double Top
IYFileImageSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
int Angle
double Bottom
boolean DrawShadow
COLOR EdgeColor
int EdgeStyle
int EdgeWidth
IYFindKeyCollection FindKeys
IYSymbolID ID
IYPoint ImageBasePoint1
IYPoint ImageBasePoint2
IYRect ImageRect
int Kind
IYLabelCollection Labels
double Left
boolean MappedByCoord
IYPoint MappingPoint1
IYPoint MappingPoint2
string Pathname
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
double Top
COLOR TransparentColor
boolean UseTranspalentColor
ImageRect
IYRect
double Left
double Right
double Top
double Bottom
IYLineSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
double Bottom
boolean DrawShadow
IYPoint EndPoint
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
COLOR LineColor
int LineEndTermSize
int LineEndTermStyle
int LineStartTermSize
int LineStartTermStyle
int LineStyle
int LineWidth
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
IYPoint StartPoint
double Top
IYPointSymbol
double Area(short Unit)
double Length(short Unit)
double Bottom
boolean DrawShadow
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
int PointKind
IYPoint Position
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
double Top
IYPolylineSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
long ApexCount
IYPointCollection Apexs
double Bottom
double DrawShadow
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
COLOR LineColor
int LineEndTermSize
int LineEndTermStyle
int LineStartTermSize
int LineStartTermStyle
int LineStyle
int LineWidth
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
double Top
Apexs
IYTextSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
int Angle
double Bottom
boolean DrawShadow
boolean DrawTextEdge
COLOR EdgeColor
int EdgeStyle
int EdgeWidth
COLOR FaceColor
int FaceStyle
IYFindKeyCollection FindKeys
double FontHeight
string FontName
int FontStyle
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
IYPoint Position
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
string Text
COLOR TextColor
COLOR TextEdgeColor
int TextLocation
double Top
boolean TranslateText
IYEllipseSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
int Angle
double Bottom
IYPoint Center
boolean DrawShadow
COLOR EdgeColor
int EdgeStyle
int EdgeWidth
COLOR FaceColor
int FaceStyle
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
IYRelFileCollection RelFiles
double Right
double Rx
double Ry
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
double Top
IYGroupSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
double Bottom
int ElementCount
IYGroupElementSymbolCollection ElementSymbols
double ElementTotalHeight
double ElementTotalWidth
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
IYRelFileCollection RelFiles
double Right
double Top
ElementSymbols
IYGroupElementSymbolCollection
boolean Add(IYSymbolID SymbolID)
void BringToBottom(IYSymbolID SymbolID)
void BringToTop(IYSymbolID SymbolID)
IYSymbol Get(IYSymbolID SymbolID)
IYSymbol Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYSymbolID SymbolID)
long Count
Get
Items
Length
0:画素
1:ミリメートル
2:センチメートル
3:メートル
4:キロメートル
5:インチ
6:フィート
7:ヤード
8:マイル
9:秒
Area
0:画素
1:平方ミリメートル
2:平方センチメートル
3:平方メートル
4:平方キロメートル
5:坪
6:アール
7:ヘクトアール
IYPieSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
int Angle
double Bottom
IYPoint Center
boolean DrawShadow
int EndAngle
COLOR EdgeColor
int EdgeStyle
int EdgeWidth
COLOR FaceColor
int FaceStyle
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
IYRelFileCollection RelFiles
double Right
double Rx
double Ry
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
int StartAngle
double Top
IYRectangleSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
int Angle
double Bottom
IYPoint Center
boolean DrawShadow
COLOR EdgeColor
int EdgeStyle
int EdgeWidth
COLOR FaceColor
int FaceStyle
IYFindKeyCollection FindKeys
double Height
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
double Top
double Width
IYPolygonSymbol
double Area(short Unit)
double Length(short Unit)
void Rotate(int Angle)
long ApexCount
IYPointCollection Apexs
double Bottom
IYBoolCollection DrawLineFlags
boolean DrawShadow
COLOR EdgeColor
int EdgeStyle
int EdgeWidth
COLOR FaceColor
int FaceStyle
IYFindKeyCollection FindKeys
IYSymbolID ID
int Kind
IYLabelCollection Labels
double Left
IYRelFileCollection RelFiles
double Right
COLOR ShadowColor
short ShadowOffsetX
short ShadowOffsetY
double Top
DrawLineFlags
IYBoolCollection
boolean RemoveAll()
long Count
boolean Item
Apexs
IYPointCollection
IYPoint Add()
IYPoint Get(long Index)
boolean Remove(long Index)
void RemoveAll()
long Count
Get
IYPoint
double x
double y
IYDevicePoint
double x
double y
IYDeviceRect
double Left
double Right
double Top
double Bottom
IYStringCollection
long Count
String Items
IYLayerSymbolIDCollection
boolean Add(IYLayerID LayerID, IYSymbolID SymbolID)
IYLayerSymbolID Items(long Index)
boolean Remove(long Index)
boolean RemoveAll()
boolean RemoveByID(IYLayerID LayerID, IYSymbolID SymbolID)
long Count
Items
IYLayerSymbolID
IYInnerFileID InnerFileID
IYInnerLayerID InnerLayerID
IYLayerID LayerID
IYSymbolID SymbolID
FindKeys
IYFindkeyCollection
IYFindKey Add(string Key, string KeyKind)
IYFindKey GetByKindName(string GetKeyKind, long Index)
long GetCountByKindName(string KeyKind)
IYFindKey Items(long Index)
boolean Remove(long Index)
void RemoveAll()
int RemoveByKindName(string RemoveKeyKind)
boolean RemoveByName(string Key, string KeyKind)
long Count
Items
IYFindKey
string Key
string Kind
Labels
IYLabelCollection
IYLabel AddToBottom(IYLabelDefID LabelDefID)
IYLabel AddToTop(IYLabelDefID LabelDefID)
void BringToBottom(IYLabelDefID LabelDefID)
void BringToTop(IYLabelDefID LabelDefID)
IYLabel Get(IYLabelDefID DabelDefID)
IYLabel Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByID(IYLabelDefID LabelDefID)
long Count
Get
Items
IYLabel
IYLabelDefID ID
IYPoint Position
RelFiles
IYRelFileCollection
boolean Add(string Filename)
string Items(long Index)
boolean Remove(long Index)
void RemoveAll()
boolean RemoveByName(string Filename)
long Count
線スタイル一覧
0 なし
1 実線
2 破線
3 点線
4 一点鎖線
5 二点鎖線
6 三点鎖線
7 点の小さい一点鎖線
8 点の小さい二点鎖線
9 点の小さい三点鎖線
10 幅の広い一点鎖線
11 幅の広い二点鎖線
12 幅の広い三点鎖線
13 直交する線
14 上方向に直行する線
15 下方向に直行する線
16 交互に直交する線
17 破線と直交する線
18 破線と上方向に直行する線
19 破線と下方向に直行する線
20 破線と交互に直行する線
21 直交する二重線
22 上方向に直行する二重線
23 下方向に直交する二重線
24 交互に直交する二重線
25 破線と直交する二重線
26 破線と上方向に直行する二重線
27 破線と下方向に直行する二重線
28 破線と交互に直交する二重線
29 破線間に直交する線
30 破線間に上方向に直行する線
31 破線間に下方向に直行する線
32 破線間に交互に直行する線
33 X
34 破線間にX
35 破線間に十字
36 左下がりの斜線
37 左上がりの斜線
38 進行方向に楔
39 進行方向とは逆に楔
40 狭い間隔に直交線
41 狭い間隔に上方向の直交線
42 狭い間隔に下方向の直交線
43 左下がりの斜線のみ
44 左上がりの斜線のみ
45 交互の斜線のみ
46 都道府県界
47 破線間にN
48 四角
49 丸
50 ダイア
51 破線間に四角
52 破線間に丸
53 破線間にダイア
54 上方向に半円
55 下方向に半円
56 交互に半円
57 両側に円
58 上方向に円
59 下方向に円
60 交互に円
200 二重線
201 線路
202 細線と太線
面スタイル一覧
0 面を表示しない
1 透明
2 塗り潰し
3 水平
4 垂直
5 ４５度右上がり
6 ４５度左上がり
7 水平と垂直のクロス
8 ４５度のクロス
9 メッシュ
10 目の粗いメッシュ
11 目の細かいメッシュ
12 市松模様
13 水玉模様
飾りスタイル一覧
0 表示しない
1
2
3
4
5
6
7
文字の配置位置一覧
0 左上
1 左中央
2 左下
3 中央上
4 中心
5 中央下
6 右上
7 右中央
8 右下
左上
中央上
右上
左中央
文字
右中央
左下
中央下
右下
中心
※ :文字の配置座標
文字フォントスタイル一覧
1 SAMPLE 太字
2 SAMPLE 斜体
4 SAMPLE アンダーライン
8 SAMPLE 打ち消し線
マークスタイル一覧
0 塗り潰し
1 水平
2 垂直
3 ４５度右上がり
4 ４５度左上がり
5 水平と垂直のクロス
6 ４５度のクロス
7 メッシュ
8 目の粗いメッシュ
9 目の細かいメッシュ
10 市松模様
11 水玉模様
MAPIN SDKのオブジェクトダイアグラムを使用するに際しての凡例
イベント
void AfterDraw()
プロパティ
メソッド
コレクション名
boolean Add()
IYSymbol Items(int Index)
void Disconnect()
string ConnectionName
string ConnectString
short Status
IYSymbolID SymbolID
IYLayer DummyLayer
IYDBRefer DBRefer
IYSymbol DummySymbol
Items
オブジェクト名
オブジェクトダイアグラムで用いる図形の意味
コレクション名
MAPIN SDKの各種コレクションを示す図であり、表示文字列はコレクション名を示します。
オブジェクト名
MAPIN SDKの各種オブジェクトを示す図であり、表示文字列はオブジェクト名を示します。
※コレクション・オブジェクトは、図形の右側にプロパティを、左側にメソッドを、上部にイベントをそれぞれ共通して表示します。
各コレクション･オブジェクト間を結ぶ線と表示文字列の見方
Items コレクションからオブジェクトの取得、またはオブジェクトから連携オブジェクトを取得する際に使用する各プロパティ及びメソッド名を示します。
各コレクション・オブジェクトの関係を示す線。
各コレクション･オブジェクトとプロパティ間を結ぶ線の見方
書き込み専用のプロパティ
読み取り専用のプロパティ
読み取り・書き込みが共に可能なプロパティ
書き込み専用のオブジェクトプロパティ
読み取り専用のオブジェクトプロパティ
読み取り・書き込みが共に可能なオブジェクトプロパティ
各コレクション･オブジェクトとメソッド間を結ぶ線の見方
値で戻り値を返すメソッド
オブジェクトを戻り値として返すメソッド
戻り値を返さないメソッド
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