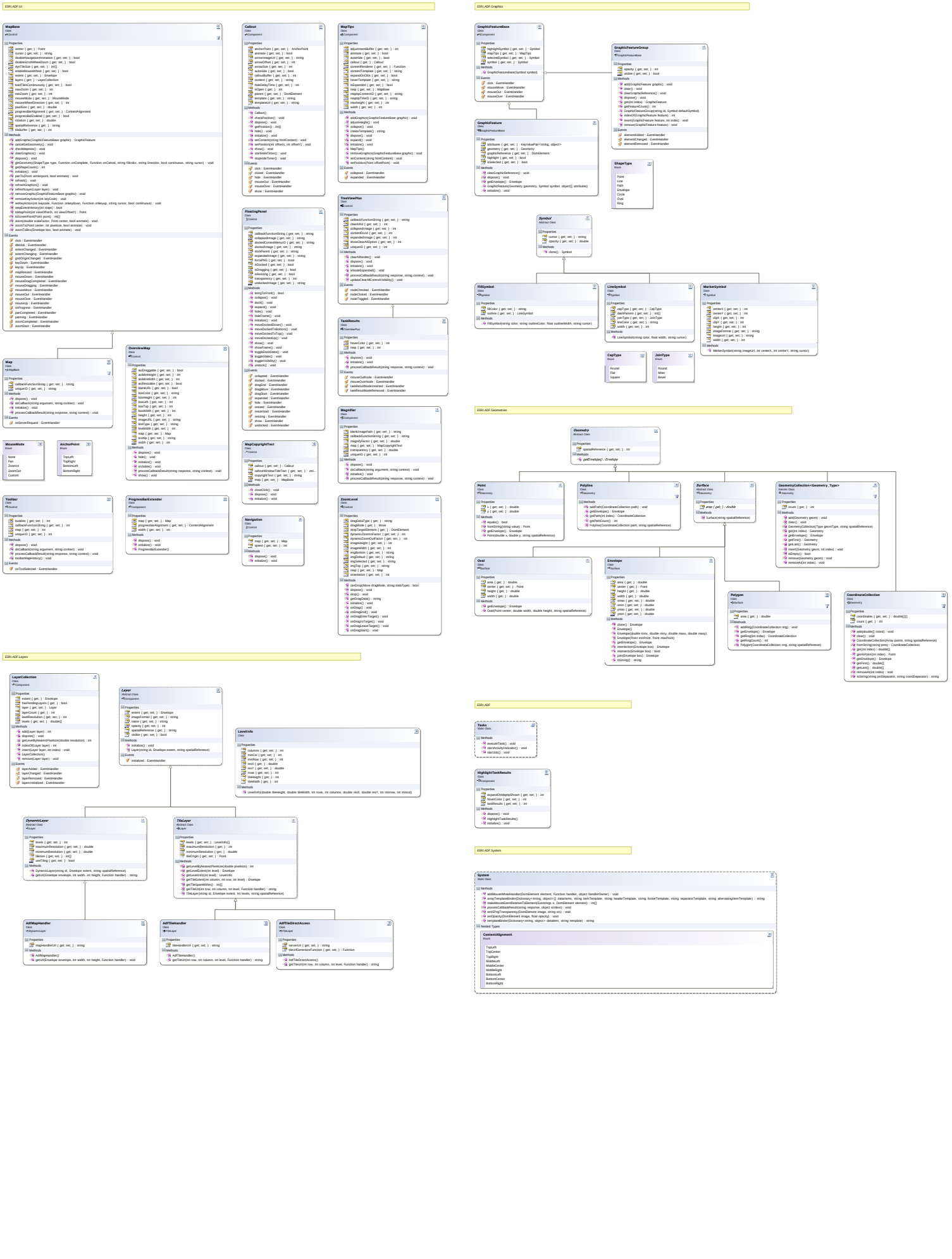
ESRI ADF.UI
MapBase
Class
Control
Properties
center (get;) : Point
cursor (get; set;) : string
disableIdentifyAnimation (get; set;) : bool
disableScrollWheelZoom (get; set;) : bool
dpiToScale (get; set;) : int[]
enableMouseWheel (get; set;) : bool
extent (get; set;) : Envelope
layers (get;) : LayerCollection
loadTilesContinuously (get; set;) : bool
maxZoom (get; set;) : int
minZoom (get; set;) : int
mouseMode (get; set;) : MouseMode
mouseWheelDirection (get; set;) : int
pixelSize (get; set;) : double
progressBarAlignment (get; set;) : ContentAlignment
progressBarEnabled (get; set;) : bool
rotation (get; set;) : double
spatialReference (get;) : string
tileBuffer (get; set;) : int
Methods
addGraphic(GraphicFeatureBase graphic) : GraphicFeature
cancelGetGeometry() : void
checkMapsize() : void
clearGraphics() : void
dispose() : void
getGeometryShapeType type, Function onComplete, Function onCancel, string fillcolor, string linecolor, bool continuous, string cursor) : void
getShapeCount() : int
initialize() : void
panToPoint centerpoint, bool animate) : void
refresh() : void
refreshGraphics() : void
refreshLayer(Layer layer) : void
removeGraphic(GraphicFeatureBase graphic) : void
removeKeyAction(int keyCode) : void
setKeyAction(int keycode, Function onkeydown, Function onkeyup, string cursor, bool continuous) : void
stepExtentHistory(int steps) : bool
toMapPoint(int viewOffsetX, int viewOffsetY) : Point
toScreenPoint(Point point) : int[]
zoom(double scaleFactor, Point center, bool animate) : void
zoomToPoint center, int pixelsize, bool animate) : void
zoomToRect(Envelope box, bool animate) : void
Events
click : EventHandler
dblclick : EventHandler
extentChanged : EventHandler
extentChanging : EventHandler
gpsGraphicChanged : EventHandler
keyDown : EventHandler
keyUp : EventHandler
mapResized : EventHandler
mouseDown : EventHandler
mouseDragCompleted : EventHandler
mouseDragging : EventHandler
mouseMove : EventHandler
mouseOut : EventHandler
mouseOver : EventHandler
mouseUp : EventHandler
onProgress : EventHandler
panCompleted : EventHandler
panning : EventHandler
zoomCompleted : EventHandler
zoomStart : EventHandler
Callout
Class
Component
Properties
anchorPoint (get; set;) : AnchorPoint
animate (get; set;) : bool
arrowsHeight# (get; set;) : string
arrowOffset (get; set;) : int
arrowSize (get; set;) : int
autohide (get; set;) : bool
calloutBuffer (get; set;) : int
content (get; set;) : string
hideDelayTime (get; set;) : int
inOpen (get;) : bool
parent (get; set;) : DomElement
template (get; set;) : string
templateUrl (get; set;) : string
Methods
Callout()
checkPosition() : void
dispose() : void
getPosition() : int[]
hide() : void
initialize() : void
setContent(string htmlContent) : void
setPosition(int offsetX, int offsetY) : void
show() : void
startHideTimer() : void
stopHideTimer() : void
Events
click : EventHandler
closed : EventHandler
hide : EventHandler
mouseOut : EventHandler
mouseOver : EventHandler
show : EventHandler
MapTips
Class
Component
Properties
adjustmentsBuffer (get; set;) : int
animate (get; set;) : bool
autohide (get; set;) : bool
callout (get;) : Callout
contentMemberId (get; set;) : Function
contentTemplate (get; set;) : string
expandOnClick (get; set;) : bool
hoverTemplate (get; set;) : string
isSuspended (get; set;) : bool
map (get; set;) : MapBase
mapIdContentID (get; set;) : string
mapIdTitleID (get; set;) : string
maxHeight (get; set;) : int
width (get; set;) : int
Methods
addGraphic(GraphicFeatureBase graphic) : void
adjustHeight() : void
collapse() : void
createTemplate() : string
dispose() : void
expand() : void
initialize() : void
mapTips()
removeGraphic(GraphicFeatureBase graphic) : void
setContent(string htmlContent) : void
setPosition(Point offsetPoint) : void
Events
collapsed : EventHandler
expanded : EventHandler
TreeViewPlus
Class
Control
Properties
callbackFunctionString (get; set;) : string
classAttrId (get; set;) : int
collapsedImage (get; set;) : int
contentDivId (get; set;) : int
expandedImage (get; set;) : int
showCleanAllOption (get; set;) : int
uniqueID (get; set;) : int
Methods
cleanAllNodes() : void
dispose() : void
initialize() : void
initializeSupported() : void
processCallbackResult(string response, string context) : void
updateClearAllControlVisibility() : void
Events
nodeChecked : EventHandler
nodeClicked : EventHandler
nodeToggled : EventHandler
FloatingPanel
Class
Control
Properties
callbackFunctionString (get; set;) : string
collapsedImage (get; set;) : string
dockedContainerMenuID (get; set;) : string
dockedImage (get; set;) : string
dockFrame (get; set;) : string
expandedImage (get; set;) : string
formPNG (get; set;) : bool
isDocked (get; set;) : bool
isDragging (get; set;) : bool
isResizing (get; set;) : bool
transparency (get; set;) : int
undockedImage (get; set;) : string
Methods
bringToFront() : bool
collapse() : void
dock() : void
expand() : void
hide() : void
hideFrame() : void
initialize() : void
moveDockedDown() : void
moveDockedToBottom() : void
moveDockedToTop() : void
moveDockedUp() : void
show() : void
showFrame() : void
toggleDockState() : void
toggleState() : void
toggleVisibility() : void
undock() : void
Events
collapsed : EventHandler
docked : EventHandler
dragEnd : EventHandler
dragMove : EventHandler
dragStart : EventHandler
expanded : EventHandler
hide : EventHandler
resized : EventHandler
resizeStart : EventHandler
resizing : EventHandler
show : EventHandler
undocked : EventHandler
TaskResults
Class
TreeViewPlus
Properties
hoverColor (get; set;) : int
map (get; set;) : int
Methods
dispose() : void
initialize() : void
processCallbackResult(string response, string context) : void
Events
mouseOutNode : EventHandler
mouseOverNode : EventHandler
taskResultNodeInserted : EventHandler
taskResultNodeRemoved : EventHandler
Map
Class
MapBase
Properties
callbackFunctionString (get; set;) : string
uniqueID (get; set;) : string
Methods
dispose() : void
doCallback(string argument, string context) : void
initialize() : void
processCallbackResult(string response, string context) : void
Events
onServerRequest : EventHandler
OverviewMap
Class
Control
Properties
aoiDraggable (get; set;) : bool
aoiMinHeight (get; set;) : int
aoiMinWidth (get; set;) : int
aoiResizable (get; set;) : bool
blankURL (get; set;) : bool
boxColor (get; set;) : string
boxHeight (get; set;) : int
boxLeft (get; set;) : int
boxTop (get; set;) : int
boxWidth (get; set;) : int
height (get; set;) : int
imageURL (get; set;) : string
lineType (get; set;) : string
lineWidth (get; set;) : int
map (get; set;) : Map
tooltip (get; set;) : string
width (get; set;) : int
Methods
dispose() : void
hide() : void
initialize() : void
isVisible() : void
processCallbackResult(string response, string context) : void
show() : void
MagnifierClass
Component
Properties
blankImagePath (get; set;) : string
callbackFunctionString (get; set;) : string
magnifyFactor (get; set;) : double
map (get; set;) : MapCopyrightText
transparency (get; set;) : double
uniqueID (get; set;) : int
Methods
dispose() : void
doCallback(string argument, string context) : void
initialize() : void
processCallbackResult(string response, string context) : void
MapCopyrightText
Class
Control
Properties
callout (get; set;) : Callout
copyrightText (get; set;) : stri..
copyrightText (get; set;) : string
map (get; set;) : MapBase
Methods
closeClick() : void
dispose() : void
initialize() : void
ZoomLevel
Class
Control
Properties
dragDataType (get;) : string
dragMode (get;) : string
dropTargetElement (get;) : DomElement
dynamicZoomInFactor (get; set;) : int
dynamicZoomOutFactor (get; set;) : int
imageHeight (get; set;) : int
imageWidth (get; set;) : int
imgBaseElement (get; set;) : string
imgDefaultU (get; set;) : string
imgSelectedU (get; set;) : string
imgTop (get; set;) : string
map (get; set;) : Map
orientation (get; set;) : int
Methods
canDrop(Move dragMode, string dataType) : bool
dispose() : void
drop() : void
getDragData() : string
initialize() : void
onDrag() : void
onDragExit() : void
onDragEnterTarget() : void
onDragInTarget() : void
onDragLeaveTarget() : void
onDragStart() : void
Navigation
Class
Control
Properties
map (get; set;) : Map
speed (get; set;) : int
Methods
dispose() : void
initialize() : void
Toolbar
Class
Control
Properties
buddies (get; set;) : int
calloutFunctionString (get; set;) : int
map (get; set;) : int
uniqueID (get; set;) : int
Methods
dispose() : void
doCallback(string argument, string context) : void
processCallbackResult(string response, string context) : void
toolbarMapHistory() : void
Events
onToolSelected : EventHandler
ProgressBarExtender
Class
Component
Properties
map (get; set;) : Map
progressBarAlignment (get; set;) : ContentAlignment
width (get; set;) : int
Methods
dispose() : void
initialize() : void
ProgressBarExtender()
MouseMode
Enum
None
Pan
ZoomIn
ZoomOut
Custom
AnchorPoint
Enum
TopLeft
TopRight
BottomLeft
BottomRight
ESRI ADF.Layers
LayerCollection
Class
Component
Properties
extent (get;) : Envelope
lastPendingLayers (get;) : bool
layer (get; set;) : Layer
layerCount (get;) : int
levelResolution (get; set;) : int
levels (get; set;) : double[]
Methods
addLayer(layer) : int
dispose() : void
getLevelByNearestPixelsize(double resolution) : int
indexOf(Layer layer) : int
insert(Layer layer, int index) : void
LayerCollection()
removeLayer(layer) : void
Events
layerAdded : EventHandler
layerChanged : EventHandler
layerRemoved : EventHandler
layersInitialized : EventHandler
Layer
Abstract Class
Component
Properties
extent (get; set;) : Envelope
imageFormat (get; set;) : string
name (get; set;) : string
opacity (get; set;) : int
spatialReference (get;) : string
visible (get; set;) : bool
Methods
initialize() : void
Layer(string id, Envelope extent, string spatialReference)
Events
initialized : EventHandler
LevelInfo
Class
Properties
columns (get; set;) : int
endCol (get; set;) : int
minRow (get; set;) : int
res (get;) : double
resY (get; set;) : double
rows (get; set;) : int
tileHeight (get;) : int
tileWidth (get;) : int
Methods
LevelInfo(double tileHeight, double tileWidth, int rows, int columns, double resX, double resY, int minrow, int mincol)
DynamicLayer
Abstract Class
Layer
Properties
levels (get; set;) : int
maximumResolution (get; set;) : double
minimumResolution (get; set;) : double
tileSize (get; set;) : int[]
wrapTiling (get; set;) : bool
Methods
DynamicLayer(string id, Envelope extent, string spatialReference)
getUrl(Envelope envelope, int width, int height, Function handler) : string
TileLayer
Abstract Class
Layer
Properties
levels (get; set;) : LevelInfo[]
maximumResolution (get;) : int
minimumResolution (get;) : double
tileOrigin (get; set;) : Point
Methods
getLevelByNearestPixelsize(double pixelsize) : int
getLevelExtent(int level) : Envelope
getLevelInfo(int level) : LevelInfo
getTileExtent(int column, int row, int level) : Envelope
getTileSpatialWidth() : int[]
getTileUrl(int row, int column, int level, Function handler) : string
TileLayer(string id, Envelope extent, int levels, string spatialReference)
AdfMapHandler
Class
DynamicLayer
Properties
mapHandlerUrl (get; set;) : string
Methods
AdfMapHandler()
getUrl(Envelope envelope, int width, int height, Function handler) : void
AdfTileHandler
Class
TileLayer
Properties
tileHandlerUrl (get; set;) : string
Methods
AdfTileHandler()
getTileUrl(int row, int column, int level, Function handler) : string
AdfTileDirectAccess
Class
TileLayer
Properties
serverUrl (get; set;) : string
tileUrlGeneratorFunction (get; set;) : Function
Methods
AdfTileDirectAccess()
getTileUrl(int row, int column, int level, Function handler) : string
ESRI ADF.Graphics
GraphicFeatureBase
Class
Component
Properties
highlightSymbol (get; set;) : Symbol
mapTips (get; set;) : MapTips
selectionSymbol (get; set;) : Symbol
symbol (get; set;) : Symbol
Methods
GraphicFeatureBase(Symbol symbol)
Events
click : EventHandler
mouseMove : EventHandler
mouseOut : EventHandler
mouseOver : EventHandler
GraphicFeatureGroup
Class
GraphicFeatureBase
Properties
opacity (get; set;) : int
visible (get; set;) : bool
Methods
add(GraphicFeature graphic) : void
clear() : void
clearGraphicReferences() : void
dispose() : void
getGUid(index) : GraphicFeature
getFeatureCount() : int
GraphicFeatureGroup(string id, Symbol defaultSymbol)
indexOf(GraphicFeature feature) : int
insert(GraphicFeature feature, int index) : void
removeGraphicFeature feature) : void
Events
elementAdded : EventHandler
elementChanged : EventHandler
elementRemoved : EventHandler
GraphicFeature
Class
GraphicFeatureBase
Properties
attributes (get; set;) : KeyValuePair<string, object>
geometry (get; set;) : Geometry
graphicReference (get; set;) : DomElement
highlight (get; set;) : bool
isSelected (get; set;) : bool
Methods
clearGraphicReferences() : void
dispose() : void
getEnvelope() : Envelope
GraphicFeature(Geometry geometry, Symbol symbol, object[] attributes)
initialize() : void
ShapeType
Enum
Point
Line
Path
Envelope
Circle
Oval
Ring
Symbol
Abstract Class
Properties
cursor (get; set;) : string
opacity (get; set;) : double
Methods
clone() : Symbol
FillSymbol
Class
Symbol
Properties
fillColor (get; set;) : string
outline (get; set;) : LineSymbol
Methods
FillSymbol(string color, string outlineColor, float outlineWidth, string cursor)
LineSymbol
Class
Symbol
Properties
capType (get; set;) : CapType
dashPattern (get; set;) : int[]
joinType (get; set;) : JoinType
lineColor (get; set;) : string
width (get; set;) : int
Methods
LineSymbol(string color, float width, string cursor)
MarkerSymbol
Class
Symbol
Properties
centerX (get; set;) : int
centerY (get; set;) : int
clipX (get; set;) : int
clipY (get; set;) : int
height (get; set;) : int
imageFormat (get; set;) : string
imageUrl (get; set;) : string
width (get; set;) : int
Methods
MarkerSymbol(string imageUrl, int centerX, int centerY, string cursor)
CapType
Enum
Round
Flat
Square
JoinType
Enum
Round
Miter
Bevel
ESRI ADF.Geometries
Geometry
Abstract Class
Properties
spatialReference (get; set;) : int
Methods
getEnvelope() : Envelope
Point
Class
Geometry
Properties
x (get; set;) : double
y (get; set;) : double
Methods
equals() : bool
fromString(string value) : Point
getEnvelope() : Envelope
Point(double x, double y, string spatialReference)
Polyline
Class
Geometry
Methods
addPath(CoordinateCollection path) : void
getEnvelope() : Envelope
getPathUrl(index) : CoordinateCollection
getPathCount() : int
Polyline(CoordinateCollection path, string spatialReference)
Surface
Abstract Class
Geometry
Properties
area (get;) : double
Methods
getSurface(string spatialReference)
GeometryCollection<Geometry_Type>
Generic Class
Geometry
Properties
count (get;) : int
Methods
addGeometry geom) : void
clear() : void
GeometryCollection(Type geomType, string spatialReference)
getUrl(index) : Geometry
getEnvelope() : Envelope
getFirst() : Geometry
getLast() : Geometry
insert(Geometry geom, int index) : void
isEmpty() : bool
remove(Geometry geom) : void
removeAt(int index) : void
Oval
Class
Surface
Properties
area (get;) : double
center (get;) : Point
height (get;) : double
width (get;) : double
Methods
getEnvelope() : Envelope
Oval(Point center, double width, double height, string spatialReference)
Envelope
Class
Surface
Properties
area (get;) : double
center (get;) : Point
height (get;) : double
width (get;) : double
xmax (get; set;) : double
xmin (get; set;) : double
ymax (get; set;) : double
ymin (get; set;) : double
Methods
clone() : Envelope
Envelope()
Envelope(double minx, double miny, double maxx, double maxy)
Envelope(Point minPoint, Point maxPoint)
getEnvelope() : Envelope
intersection(Envelope box) : Envelope
intersects(Envelope box) : bool
join(Envelope box) : Envelope
toString() : string
Polygon
Class
Surface
Properties
area (get;) : double
Methods
addRing(CoordinateCollection ring) : void
getEnvelope() : Envelope
getRing(int index) : CoordinateCollection
getRingCount() : int
Polygon(CoordinateCollection ring, string spatialReference)
CoordinateCollection
Class
Geometry
Properties
coordinates (get; set;) : double[][]
count (get;) : int
Methods
add(double[] coord) : void
clear() : void
CoordinateCollection(Array points, string spatialReference)
fromString(string pnts) : CoordinateCollection
getUrl(index) : double[]
getAsPoint(int index) : Point
getEnvelope() : Envelope
getFirst() : double[]
getLast() : double[]
removeAt(int index) : void
toString(string pntSeparator, string coordSeparator) : string
ESRI ADF
Tasks
Static Class
Methods
executeTask() : void
startActivityIndicator() : void
startJob() : void
HighlightTaskResults
Class
Component
Properties
expandOnMapUpShown (get; set;) : int
hoverColor (get; set;) : int
taskResults (get; set;) : int
Methods
dispose() : void
highlightTaskResults()
initialize() : void
ESRI ADF.System
System
Static Class
Methods
addMouseWheelHandler(DomElement element, Function handler, object handlerOwner) : void
arrayTemplateBinder(Dictionary<string, object>[] dataItems, string itemTemplate, string headerTemplate, string footerTemplate, string separatorTemplate, string alternatingItemTemplate) : string
makeMouseEventRelativeToElement(EventArgs e, DomElement element) : int[]
processCallbackResult(string response, object context) : void
sendPngTransparency(DomElement image, string src) : void
setOpacity(DomElement image, float opacity) : void
templateBinder(Dictionary<string, object> dataItem, string template) : string
Nested Types
ContentAlignment
Enum
TopLeft
TopCenter
TopRight
MiddleLeft
MiddleCenter
MiddleRight
BottomLeft
BottomCenter
BottomRight