

Industry Model API changes Map 3D 2015-> Map 3D 2016

Namespace: Autodesk.Map.IM.BaseFeatureRules.DeleteChildFeatures - Class: DefaultFeatureAssignLogic

New Method:

```
public virtual bool AllowNullValue()  
public virtual void RelationEnded()  
public virtual void RelationStarted()
```

Namespace: Autodesk.Map.IM.BaseFeatureRules.DeleteChildFeatures - Class: DeleteChildFeaturesRules

New Method:

```
public void RegisterFallbackFeatureAssignLogic(DefaultFeatureAssignLogic  
assignFallbackLogic)  
public void UnRegisterFallbackFeatureAssignLogic(DefaultFeatureAssignLogic  
assignFallbackLogic)
```

Namespace: Autodesk.Map.IM.DBMaintenance.Extension - Class: Jobs

New Property:

```
public override bool IsSupported
```

Namespace: Autodesk.Map.IM.Display.DisplayModelManagement - Class: FilterSetter

New Method:

```
public void CombineViewportWithAttribute(Polygon polygon)  
public void CombineViewportWithAttribute(Polygon polygon,  
OSGeo.FDO.Filter.SpatialOperations spatialOperation)  
public void CombineViewportWithAttribute(Polygon polygon, string geometryColumnName,  
SpatialOperations spatialOperation)
```

Namespace: Autodesk.Map.IM.Exchange.AddData - Class: AddDataManager

New Property:

```
public bool KeepSchematicGeometry
```

Namespace: Autodesk.Map.IM.Exchange.AddData.UI - Class: AddDataDialog

New Method:

```
public void SetSchematicOptionVisibility(bool visible)
```

Namespace: Autodesk.Map.IM.Exchange.AddData.UI.Context - Class: AddDataContext

New Property:

```
public bool KeepSchematicGeometry
```

Namespace: Autodesk.Map.IM.Exchange.AddData.UI.Context - Class: TopobaseMappingControlContext

Removed Method:

Old declaration: public override void LoadMappings(IAddDataSource source)

Namespace: Autodesk.Map.IM.Exchange.AddData.UI - Class: AddDataTargetPlugin

New Property:

public virtual bool IsKeepSchematicGeometryChecked

Namespace: Autodesk.Map.IM.Exchange.AddData.UI - Class: FeaturePropertyMapping

New Property:

public Visibility ReverseFilterImageVisibility
public Uri ReverseFilterImageSource

Namespace: Autodesk.Map.IM.Intersection - Class: BaseGeometryIntersection

New Method:

public abstract IList<ResultSet.IIntersectionResultSet> IntersectFeatures(Geometry primaryGeom, Geometry secondaryGeom)

Removed Method:

Old declaration: public abstract IList<ResultSet.AbstractIntersectionResultSet> IntersectFeatures(Geometry primaryGeom, Geometry secondaryGeom)

Namespace: Autodesk.Map.IM.Intersection - Class: LineLine

New Method:

public override IList<IIntersectionResultSet> IntersectFeatures(Geometry primGeom, Geometry secGeom)

Removed Method:

Old declaration: public override IList<AbstractIntersectionResultSet> IntersectFeatures(Geometry primGeom, Geometry secGeom)

Namespace: Autodesk.Map.IM.Intersection - Class: LinePoint

New Method:

public override IList<IIntersectionResultSet> IntersectFeatures(Geometry primGeom, Geometry secGeom)

Removed Method:

Old declaration: public override IList<AbstractIntersectionResultSet> IntersectFeatures(Geometry primGeom, Geometry secGeom)

Namespace: Autodesk.Map.IM.Intersection - Class: PolygonLine

New Method:

```
public override IList<IIntersectionResultSet> IntersectFeatures (Geometry primGeom,  
Geometry secFeatureGeom)
```

Removed Method:

```
Old declaration: public override IList<AbstractIntersectionResultSet>  
IntersectFeatures (Geometry primGeom, Geometry secFeatureGeom)
```

Namespace: Autodesk.Map.IM.Intersection - Class: PolygonPoint

New Method:

```
public override IList<IIntersectionResultSet> IntersectFeatures (Geometry primGeom,  
Geometry secGeom)
```

Removed Method:

```
Old declaration: public override IList<AbstractIntersectionResultSet>  
IntersectFeatures (Geometry primGeom, Geometry secGeom)
```

Namespace: Autodesk.Map.IM.Intersection - Class: PolygonPolygon

New Method:

```
public override IList<IIntersectionResultSet> IntersectFeatures (Geometry primGeom,  
Geometry secGeom)
```

Removed Method:

```
Old declaration: public override IList<AbstractIntersectionResultSet>  
IntersectFeatures (Geometry primGeom, Geometry secGeom)
```

Namespace: Autodesk.Map.IM.Intersection.ResultSet - Class: DefaultIntersectionResultSet

Removed Property:

```
Old declaration: public override Geometry ResultGeom
```

Namespace: Autodesk.Map.IM.Intersection.ResultSet - Class: NullGeometryIntersectionResultSet

Removed Property:

```
Old declaration: public override Geometry ResultGeom
```

Namespace: Autodesk.Map.IM.Intersection.ResultSet - Class: NullIntersectionResultSet

New Method:

```
public override bool CanBeStored()
```

Removed Property:

```
Old declaration: public override Geometry ResultGeom
```

```
Old declaration: public override bool CanBeStored
```

Namespace: Autodesk.Map.IM.Intersection.ResultSet - Class: ResultSetFactory

Removed Method:

Old declaration: public static AbstractIntersectionResultSet
GetResultSet(Graphic.Geometry geometry, IResultAttribute resultAttribute, double
thresholdSmallValue)

Namespace: Autodesk.Map.IM.ManagedLeda.SpatialServiceImpl - Class: LedaSpatialServiceImpl

New Property:

public System.Exception HandledException

Namespace: Autodesk.Map.IM.Modules.Electric.Common - Class: CommonFeatureRules

New Method:

public void DeleteSnappointValidate_BD(FidCancelEventArgs[] eventArgs, string[]
parameters)

Namespace: Autodesk.Map.IM.Modules.Electric.Common - Class: ElectricHelper

New Property:

public GeneralAdminTabPageSettings GeneralAdminSettings

Namespace: Autodesk.Map.IM.Modules.Electric.Common.API - Class: Conductor

New Method:

public void AppendGeometry(IEnumerable<ILineStringFeatureItem> featureItems)

Namespace: Autodesk.Map.IM.Modules.Electric.Common.API - Class: Duct

New Method:

public void AddConductorWithoutGeometry(IConductor conductor)

Namespace: Autodesk.Map.IM.PlaneGeometry - Class: Line2D

New Method:

public Line2D GetJoined(Line2D line, Settings settings)

Namespace: Autodesk.Map.IM.SpaceGeometry - Class: Line3D

New Method:

public Line3D GetJoined(Line3D line, Settings settings)

Namespace: Autodesk.Map.IM.SpatialService - Class: NullService

New Property:

public System.Exception HandledException