

Class GeometryType

Object[↗]

CodeList<GeometryType>
GeometryType

All Implemented Interfaces:

Serializable[↗], Comparable[↗]<GeometryType>

```
@UML(identifier="MI_GeometryTypeCode",  
      specification=ISO_19115_2)  
public final class GeometryType  
extends CodeList<GeometryType>
```

Geometric description of the collection.

Since:

2.3

See Also:

[Serialized Form](#)

Nested Class Summary

Nested classes/interfaces inherited from class **CodeList**

[CodeList.Filter](#)

Field Summary

Fields

Modifier and Type	Field	Description
static final GeometryType	AREAL	Collection of a geographic area defined by a polygon (coverage).
static final GeometryType	LINEAR	Extended collection in a single vector.
static final GeometryType	POINT	Single geographic point of interest.
static final GeometryType	STRIP	Series of linear collections grouped by way points.

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description	
GeometryType[]	family()	Returns the list of enumerations of the same kind as this enum.	
static GeometryType	valueOf (String [↗] code)	Returns the geometry type that matches the given string, or returns a new one if none match it.	
static GeometryType[]	values()	Returns the list of GeometryTypes.	

Methods inherited from class [CodeList](#)

compareTo, identifier, name, names, ordinal, readResolve, toString, valueOf, valueOf

Methods inherited from class [Object](#)[↗]

clone[↗], equals[↗], finalize[↗], getClass[↗], hashCode[↗], notify[↗], notifyAll[↗], wait[↗], wait[↗], wait[↗]

Field Details

POINT

```
@UML(identifier="point",
      obligation=CONDITIONAL,
      specification=ISO_19115_2)
public static final GeometryType POINT
```

Single geographic point of interest.

LINEAR

```
@UML(identifier="linear",
      obligation=CONDITIONAL,
      specification=ISO_19115_2)
public static final GeometryType LINEAR
```

Extended collection in a single vector.

AREAL

```
@UML(identifier="areal",  
      obligation=CONDITIONAL,  
      specification=ISO_19115_2)  
public static final GeometryType AREAL
```

Collection of a geographic area defined by a polygon (coverage).

STRIP

```
@UML(identifier="strip",  
      obligation=CONDITIONAL,  
      specification=ISO_19115_2)  
public static final GeometryType STRIP
```

Series of linear collections grouped by way points.

Method Details

values

```
public static GeometryType[] values()
```

Returns the list of GeometryTypes.

Returns:

The list of codes declared in the current JVM.

family

```
public GeometryType[] family()
```

Returns the list of enumerations of the same kind as this enum.

Specified by:

`family` in class `CodeList<GeometryType>`

Returns:

The codes of the same kind as this code.

valueOf

```
public static GeometryType valueOf(StringⒺ code)
```

Returns the geometry type that matches the given string, or returns a new one if none match it.

Parameters:

code - The name of the code to fetch or to create.

Returns:

A code matching the given name.