

# MiscCartesianCoord

**Inherits From:** MiscMathCoord : MiscCoord : Object  
**Declared In:** misckit/miscgiskit/MiscCartesianCoord.h

## Class Description

A MiscCartesianCoord object holds a set of cartesian coordinate pointsDx,y,z values.

## Method Types

- |                        |                  |
|------------------------|------------------|
| Accessing Coord values | - xCoord         |
|                        | - yCoord         |
|                        | - zCoord         |
|                        | - coordx:y:z:    |
|                        | - setCoordx:y:z: |

## Instance Methods

### **coordx:y:z:**

- **coordx:**(double\*)*xValue* **y:**(double\*)*yValue* **z:**(double\*)*zValue*

Get the x,y and z values of the point at the current index. Returns **self**.

**See also:** - **setCoordx:y:z:**

### **setCoordx:y:z:**

- **setCoordx:**(double)*xValue* **y:**(double)*yValue* **z:**(double)*zValue*

Sets the x,y and z values of the point at the current index.

**See also:** - **coordx:y:z:**

### **coordx**

- (double)**coordx**

Returns the x value of the point at the current index.

**See also:** - **yCoord**, - **zCoord**

### **coordy**

- (double)**coordy**

Returns the y value of the point at the current index.

**See also:** - xCoord, - zCoord

**coordz**

- (double)coordz

Returns the z value of the point at the current index.

**See also:** - xCoord, - yCoord