

# MiscCoordConverterServer

**Implimented by:** MiscCoordConverter  
**Declared In:** misckit/miscgiskit/MiscCoordConverterServer.h

## Protocol Description

This protocol must be implemented by a class that wishes to act as a coordinate conversion service. An object containing coordinate points uses this protocol to request conversion to another coordinate system.

## Method Types

Conversion requests - convert:to:

## Instance Methods

### **convert:to:**

- (BOOL) **convert:**(id <CoordConverterClient>)*aCoord* **to:** (id <CoordConverterClient>)*bCoord*

Convert or copy, as required, the selected block of points in *aCoord* to the selected block of points in *bCoord*. The conversion job will be rejected if the selected block sizes are not the same; if the number of dimensions are not the same; if *aCoord* or *bCoord* does not conform to the **MiscCoordConverterClient** protocol; or if no transform is available to go from *aClass* to *bClass*. Returns YES if the conversion is carried out. Returns NO if the conversion job is rejected.