

MiscMathCoordConvert

Inherits From: MiscCoordConverter : Object

Declared In: misckit/miscgiskit/MiscMathCoordConverter.h

Class Description

A MiscMathCoordConverter object is able to convert between standard mathematical coordinate systems. MiscMathCoord and its' subclasses rely on it for conversion services.

This converter will respond to the **convert:to:** method for the following coordinate conversions:

From Class	To Class	Notes
Cartesian	Cylindrical	

Archiving

- finishUnarchiving

Class Methods

alloc

Disables the inherited **alloc** method to prevent multiple MiscMathCoordConverters from being created. There's only one MiscMathCoordConverter object for each application; you access it through the **new** method. Returns an error message.

See also: + **new**

allocFromZone:

Disables the inherited **allocFromZone** method to prevent multiple MiscMathCoordConverters from being created. There's only one MiscMathCoordConverter object for each application; you access it through the **new** method. Returns an error message.

See also: + **new**

new

+ **new**

Create and initialize an instance of MiscMathCoordConverter if one does not already exist. If one already exists, return it. The new instance is registered so that it can also act as a subcontractor for other converters.

See also: - free

Instance Methods

free
- free

No±op. There is only one instance of the MiscMathCoordConverter and it cannot be freed.

See also: + new

finishUnarchiving
- finishUnarchiving

A **finishUnarchiving** message is sent after the MathCoordConverter object has been read in from a stream. This method substitutes an existing one substituted for it. **self** is freed and the existing object is returned.