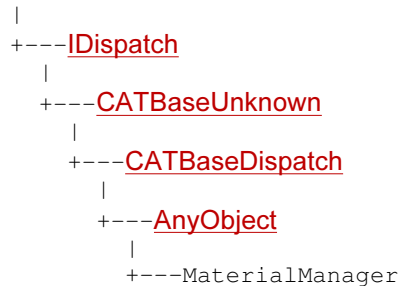


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MaterialManager (Object)

IUnknown



Interface to manage material manager object.

Role: A material manager is used to manage materials application on geometrical objects.

Method Index

ApplyMaterialOnBody

Apply a Material on a Body.

ApplyMaterialOnHybridBody

Apply a Material on a Hybrid Body.

ApplyMaterialOnPart

Apply a Material on a Part.

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Apply a Material on a Product.

GetMaterialOnBody

Get a Material on a Body.

GetMaterialOnHybridBody

Get a Material on a Hybrid Body.

GetMaterialOnPart

Get a Material on a Part.

GetMaterialOnProduct

Get a Material on a Product.

ReplaceMaterialLinks

In current session, replace all links towards a material 1 with a link towards an other material 2.

Methods

o Sub **ApplyMaterialOnBody**([CATIABody](#) iBody,
[CATIAMaterial](#) iMaterial,
short iLinkMode)

Apply a Material on a Body. If Material is NULL, deletes the material already applied on the Body

o Sub **ApplyMaterialOnHybridBody**([CATIAHybridBody](#) iHybridBody,
[CATIAMaterial](#) iMaterial,
short iLinkMode)

Apply a Material on a Hybrid Body. If Material is NULL, deletes the material already applied on the Hybrid Body

o Sub **ApplyMaterialOnPart**([CATIAPart](#) iPart,
[CATIAMaterial](#) iMaterial,
short iLinkMode)

Apply a Material on a Part. If Material is NULL, deletes the material already applied on the Part

o Sub **ApplyMaterialOnProduct**([CATIAProduct](#) iProduct,
[CATIAMaterial](#) iMaterial,
short iLinkMode)

Apply a Material on a Product. If Material is NULL, deletes the material already applied on the Product

o Sub **GetMaterialOnBody**([CATIABody](#) iBody,
[CATIAMaterial](#) oMaterial)

Get a Material on a Body. Material returned is NULL if no material is applied on the Body

o Sub **GetMaterialOnHybridBody**([CATIAHybridBody](#) iHybridBody,
[CATIAMaterial](#) oMaterial)

Get a Material on a Hybrid Body. Material returned is NULL if no material is applied on the Hybrid Body

o Sub **GetMaterialOnPart**([CATIAPart](#) iPart,
[CATIAMaterial](#) oMaterial)

Get a Material on a Part. Material returned is NULL if no material is applied on the Part

o Sub **GetMaterialOnProduct**([CATIAProduct](#) iProduct,
[CATIAMaterial](#) oMaterial)

Get a Material on a Product. Material returned is NULL if no material is applied on the Product

o Sub **ReplaceMaterialLinks**([CATIAMaterial](#) iMaterial1,
[CATIAMaterial](#) iMaterial2)

In current session, replace all links towards a material 1 with a link towards an other material 2. N.B.
Both materials entered should be in a material library.

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