## TNamed

**fName**
**fTitle**
**fgIsA**

**@~TNamed**
**TNamed**
**TNamed**
**TNamed**
**TNamed**
operator=
**Clear**
**Clone**
**Compare**
**Copy**
**FillBuffer**
GetName
**GetTitle**
**Hash**
**IsSortable**
**SetName**
**SetNameTitle**
**SetTitle**
**Is**
**Print**
**Sizeof**
Class
Class_Name
IsA
ShowMembers

## TGeoShape

| | | |
|---|---|---|
| **kBitMask32** | **kGeoPara** | **kGeoTrd2** |
| **kGeoNoShape** | **kGeoSph** | **kGeoComb** |
| **kGeoBad** | **kGeoTube** | **kGeoClosedShape** |
| **kGeoRSeg** | **kGeoTubeSeg** | **kGeoXtru** |
| **kGeoPhiSeg** | **kGeoCone** | **kGeoParaboloid** |
| **kGeoThetaSeg** | **kGeoConeSeg** | **kGeoHalfSpace** |
| **kGeoVisX** | **kGeoPcon** | **kGeoHype** |
| **kGeoVisY** | **kGeoPgon** | **kGeoSavePrimitive** |
| **kGeoVisZ** | **kGeoArb8** | **fShapeId** |
| **kGeoRunTimeShape** | **kGeoEltu** | **fShapeBits** |
| **kGeoInvalidShape** | **kGeoTrap** | **fgIsA** |
| **kGeoTorus** | **kGeoCtub** | |
| **kGeoBox** | **kGeoTrd1** | |

| | | |
|---|---|---|
| **@~TGeoShape** | GetByteCount | SetDimensions |
| FillBuffer3D | GetFittingBox | **SetId** |
| **GetBasicColor** | **GetId** | SetPoints |
| **SetOnBoundary** | GetMakeRuntimeShape | SetPoints |
| **TransformPoints** | **GetName** | SetSegsAndPols |
| **Big** | GetNmeshVertices | **SetRuntime** |
| **Tolerance** | **GetPointerName** | **ShapeDistancetoPrimi** |
| ComputeBBox | **IsComposite** | Sizeof3D |
| ComputeNormal | IsCylType | **SetShapeBit** |
| Contains | **IsCloseToPhi** | **SetShapeBit** |
| CouldBeCrossed | **IsCrossingSemiplane** | **ResetShapeBit** |
| DistancetoPrimitive | **IsInPhiRange** | **TestShapeBit** |
| DistFromInside | **IsRunTimeShape** | **TestShapeBits** |
| DistFromOutside | **IsValid** | **InvertShapeBit** |
| **DistToPhiMin** | IsValidBox | Class |
| Divide | InspectShape | Class_Name |
| GetAxisName | MakeBuffer3D | IsA |
| GetAxisRange | **NormalPhi** | ShowMembers |
| GetBoundingCylinder | Safety | Streamer |
| GetBuffer3D | **SafetyPhi** | |

## TGeoBBox

**fDX**          **fOrigin[3]**
**fDY**          **fgIsA**
**fDZ**

| | |
|---|---|
| **@~TGeoBBox** | **GetDZ** |
| **FillBuffer3D** | **GetOrigin** |
| **TGeoBBox** | InspectShape |
| **TGeoBBox** | IsCylType |
| **TGeoBBox** | **IsValidBox** |
| **TGeoBBox** | **IsNullBox** |
| **TGeoBBox** | MakeBuffer3D |
| ComputeBBox | Safety |
| ComputeNormal | SavePrimitive |
| Contains | **SetBoxDimensions** |
| **CouldBeCrossed** | **SetDimensions** |
| DistancetoPrimitive | **SetBoxPoints** |
| DistFromInside | SetPoints |
| DistFromOutside | SetPoints |
| Divide | SetSegsAndPols |
| GetAxisName | Sizeof3D |
| GetAxisRange | Class |
| GetBoundingCylinder | Class_Name |
| GetBuffer3D | IsA |
| GetByteCount | ShowMembers |
| **GetFittingBox** | Streamer |
| GetMakeRuntimeShape | StreamerNVirtual |
| GetNmeshVertices | |
| **GetDX** | |
| **GetDY** | |

## TGeoTube

**fRmin**          **fgIsA**
**fRmax**
**fDz**

| | |
|---|---|
| **@~TGeoTube** | **GetRmin** |
| **TGeoTube** | **GetRmax** |
| **TGeoTube** | **GetDz** |
| **TGeoTube** | **HasRmin** |
| **TGeoTube** | **InspectShape** |
| **ComputeBBox** | IsCylType |
| **ComputeNormal** | MakeBuffer3D |
| **ComputeNormalS** | Safety |
| **Contains** | SafetyS |
| **DistFromInsideS** | SavePrimitive |
| **DistFromInside** | **SetTubeDimensions** |
| **DistFromOutsideS** | **SetDimensions** |
| **DistFromOutside** | SetPoints |
| **DistToTube** | SetPoints |
| DistancetoPrimitive | SetSegsAndPols |
| **Divide** | Sizeof3D |
| GetAxisName | **Class** |
| GetAxisRange | **Class_Name** |
| GetBoundingCylinder | IsA |
| GetBuffer3D | **ShowMembers** |
| GetByteCount | **Streamer** |
| GetMakeRuntimeShape | StreamerNVirtual |
| **GetNmeshVertices** | |