

GOAT::raytracing::RayBase

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classDiagram
    class RayBase["GOAT::raytracing::RayBase"]
    class IRay["GOAT::raytracing::IRay"]
    class RayPow["GOAT::raytracing::Ray_pow"]
    class TubedRay["GOAT::raytracing::tubedRay"]
    RayBase <|-- IRay
    RayBase <|-- TubedRay
    RayPow <|-- IRay
```

The diagram illustrates the class hierarchy for ray types in the GOAT library. At the top is the base class, GOAT::raytracing::RayBase. Below it are two subclasses: GOAT::raytracing::IRay on the left and GOAT::raytracing::tubedRay on the right. At the bottom left is another subclass, GOAT::raytracing::Ray\_pow, which inherits from IRay. Arrows indicate the direction of inheritance, pointing from the subclasses to their parents.

GOAT::raytracing::IRay

GOAT::raytracing::tubedRay

GOAT::raytracing::Ray\_pow