

Cartesian3

```
- _coord: GLdouble[3]

+ Cartesian3()
+ Cartesian3(x: GLdouble, y: GLdouble, z: GLdouble = 0.0)
+ <<const>> operator [] (rhs: GLint): const GLdouble&
+ operator [] (rhs: GLint): GLdouble&
+ <<const>> x(): GLdouble
+ <<const>> y(): GLdouble
+ <<const>> z(): GLdouble
+ x(): GLdouble&
+ y(): GLdouble&
+ z(): GLdouble&
+ <<const>> operator +(): const Cartesian3;
+ <<const>> operator -(): const Cartesian3;
+ <<const>> operator + (rhs: const Cartesian3&): const Cartesian3
+ <<const>> operator - (rhs: const Cartesian3&): const Cartesian3
+ <<const>> operator ^ (rhs: const Cartesian3&): const Cartesian3
+ <<const>> operator * (rhs: const Cartesian3&): GLdouble
+ <<const>> operator * (rhs: const GLdouble&): const Cartesian3
+ <<const>> operator / (rhs: const GLdouble&): const Cartesian3
+ <<const>> operator != (rhs: const GLdouble&): GLboolean
+ operator * = (rhs: const GLdouble&): Cartesian3&
+ operator += (rhs: const Cartesian3&): Cartesian3&
+ operator -= (rhs: const Cartesian3&): Cartesian3&
+ operator ^= (rhs: const Cartesian3&): Cartesian3&
+ operator /= (rhs: const GLdouble&): Cartesian3&
+ <<const>> length(): GLdouble
+ normalize(): Cartesian3&
+ <<const>> address(): const GLdouble * const
+ <<const>> clone(): Cartesian3*
<<friend>> operator * (rhs: GLdouble, rhs: const Cartesian3&): const Cartesian3
<<friend>> operator << (lhs: std::ostream&, rhs: const Cartesian3&): std::ostream&
<<friend>> operator >> (lhs: std::istream&, rhs: Cartesian3&): std::istream&
```