

```
std::shared_ptr< const  
    StatusCode >
```

```
std::shared_ptr< const  
    StatusCategory >
```

child_

cat_

```
tesseract_common::StatusCode
```

```
graph BT; A[std::shared_ptr<const StatusCode>] -.->|child_| C[tesseract_common::StatusCode]; B[std::shared_ptr<const StatusCategory>] -.->|cat_| C;
```

The diagram illustrates the relationship between three C++ types. At the top, there are two boxes representing `std::shared_ptr<const StatusCode>` and `std::shared_ptr<const StatusCategory>`. At the bottom is a box representing `tesseract_common::StatusCode`. A dashed purple arrow labeled `child_` points from the bottom box to the left top box. Another dashed purple arrow labeled `cat_` points from the bottom box to the right top box.