

tvmet::Functional

```
classDiagram
    class tvmet_Funcnl_fabs["tvmet::Funcnl_fabs< long double >"] {
        + apply_on()
        + print_xpr()
    }
    class tvmet_UnaryFunctional["tvmet::UnaryFunctional"]
    class tvmet_Functional["tvmet::Functional"]
    tvmet_UnaryFunctional --|> tvmet_Functional
    tvmet_Funcnl_fabs --|> tvmet_UnaryFunctional
```

The diagram illustrates a class hierarchy. At the top is the `tvmet::Functional` class. Below it is the `tvmet::UnaryFunctional` class, which inherits from `tvmet::Functional` as indicated by a blue arrow with an open triangle head. At the bottom is the `tvmet::Funcnl_fabs< long double >` class, which inherits from `tvmet::UnaryFunctional` with another blue arrow and open triangle head. The `tvmet::Funcnl_fabs` class is shaded gray and contains two methods: `+ apply_on()` and `+ print_xpr()`. Each class box is divided into three horizontal sections: the top section for the class name, the middle section for attributes (which are empty in this diagram), and the bottom section for methods.

tvmet::UnaryFunctional

tvmet::Funcnl\_fabs< long double >

+ apply\_on()  
+ print\_xpr()