

false_type

true_type

```
graph BT; A["half_float::detail  
::is_float< long double >"] --> B["false_type"]; A --> C["true_type"]
```

half_float::detail
::is_float< long double >

The diagram illustrates a relationship between three C++ type traits. At the bottom, a gray box contains the text 'half_float::detail' followed by '::is_float< long double >' on the next line. Two blue arrows originate from the top edge of this box. One arrow points diagonally up and to the left to a white box labeled 'false_type'. The other arrow points diagonally up and to the right to a white box labeled 'true_type'. This indicates that the 'is_float' trait for 'long double' is inherited from the 'half_float::detail' namespace to both 'false_type' and 'true_type'.