

tml::std_function< F >

tml::std_function< Fs >

tml::runtime::overloaded
_function< F, Fs >

```
graph BT; A[tml::runtime::overloaded_function< F, Fs >] --> B[tml::std_function< F >]; A --> C[tml::std_function< Fs >];
```

The diagram illustrates a C++ template hierarchy. At the bottom is a box labeled `tml::runtime::overloaded_function< F, Fs >`. Two blue arrows point upwards from this box to two separate boxes above it. The left box is labeled `tml::std_function< F >` and the right box is labeled `tml::std_function< Fs >`. This indicates that `overloaded_function` inherits from or specializes both `std_function` templates.