

`std::true_type`

The diagram illustrates a relationship between two C++ type traits. At the bottom is a large gray box representing the `std::math::concepts::has_homogeneous_tuple_type` trait. It contains the trait's definition: `std::math::concepts::has_homogeneous_tuple_type< T, ::std::enable_if_t< detail::is_homogeneous_tuple_v< typename T::tuple_type > > >`. Above this box is a smaller white box with a black border representing the `std::true_type` trait, which is divided into three horizontal sections. A blue arrow points from the top of the gray box to the bottom section of the white box, indicating that `std::math::concepts::has_homogeneous_tuple_type` inherits from `std::true_type`.

```
std::math::concepts
::has_homogeneous_tuple
_type< T, ::std::enable
_if_t< detail::is_homogeneous
_tuple_v< typename T::tuple
_type > > >
```