

```

template <class F, class AT1, class AT2>
struct is_callable_with_args
    : public std::false_type {};

template <class Ret, class AT1, class AT2>
struct is_callable_with_args<Ret ( * )(AT1, AT2), AT1, AT2>
    : public std::true_type {};

template <class Ret, class AT1, class AT2>
struct is_callable_with_args<Ret(AT1, AT2), AT1, AT2>
    : public std::true_type {};

template <class Ret, class C, class AT1, class AT2>
struct is_callable_with_args<Ret (C:: * )(AT1, AT2), AT1,
    : public std::true_type {};

template <class Ret, class C, class AT1, class AT2>
struct is_callable_with_args<Ret (C:: * )(AT1, AT2) const,
    : public std::true_type {};

...

```