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Ref Doc:
                                       Reply to: Josee Lajoie
                                                (josee@vnet.ibm.com)
+==============++
| Core 1 WG -- Morristown Resolutions |
+===========++
Issue 850: How does name look up proceed in the parameter list of a
======= friend function?
 Add after 3.4.1 (basic.lookup.unqual) para 9:
 + Except for the names used in
 + .I template-arguments
 + of a
 + .I template-id ,
 + name look up for a name used in the function declarator for a
 + .CW friend
 + function that is a class member function
 + is first looked up in the scope of the member function's class, and if not
 + found, the look up follows the look up for unqualified names in the
 + definition of the class granting friendship.
 + Cb
 + struct A {
    typedef int AT;
     void f1(AT);
    void f2(float);
 + };
 + struct B {
    typedef float BT;
     friend void A::f1(AT); //\f2\& parameter type is \&\fPA::AT
     friend void A::f2(BT); //\f2\& parameter type is \&\fPB::BT
 +
 + };
 + .Ce
 + In the declaration of a
 + .CW friend
 + function that is a class member function,
 + the look up for a name used in the function declarator in a
 + .I template-argument
 + .I template-id
 + follows the look up for unqualified names used in the definition of the
 + class granting friendship.
                   . . . . . . . . . . . . . . . . . . . .
Issue 893: Lookup of conversion functions conversion-type-id and of
====== template argument names is missing when these appear in
          qualified-ids
 Change 3.4.3.1 (class.qual) para 1 as follows:
   If the
   .I nested-name-specifier
   of a
   .I qualified-id
   nominates a class, the name specified after the
   .I nested-name-specifier
   is looked up in the scope of the class (_class.member.lookup_),
  ! except for the cases listed below.
   The name shall represent
   one or more members of that class or of one of its base classes
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(clause _class.derived_).
   a class member can be referred to using a
    .I qualified-id
   at any point in its potential scope (_basic.scope.class_).
    .N] e
 + The exceptional cases are the following:
 + .LI
 + a destructor name is looked up as specified in _basic.lookup.qual_;
 + LI
 + the
 + .I conversion-type-id
  + of an
 + .I operator-function-id
 + is looked up both in the scope of the class and
 + in the context in which the entire
 + .I postfix-expression
 + occurs and shall refer to the same type in both contexts;
 + .LI
 + the
 + .I template-arguments
 + of a
 + .I template-id
 + are looked up in the context in which the entire
 + .I postfix-expression
 + occurs.
 Change 3.4.3.2 (namespace.qual) para 1 as follows:
   If the
   .I nested-name-specifier
   of a
   .I qualified-id
   nominates a namespace,
   the name specified after the
    .I nested-name-specifier
  ! is looked up in the scope of the namespace, except that
 + .LI
 + the
 + .I conversion-type-id
 + of an
 + an
 + .I operator-function-id
 + is looked up both in the scope of the namespace and
 + in the context in which the entire
 + .I postfix-expression
 + occurs and shall refer to the same type in both contexts;
 + .LI
 + the
 + .I template-arguments
 + of a
 + .I template-id
 + are looked up in the context in which the entire
 + .I postfix-expression
 + occurs.
Issue 916: conversion from pointer type to char* is not a static_cast
 Change 3.8 (basic.life) para 5, third bullet as follows:
    ·LI
    the pointer is used as the operand of a
```

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.CW static_cast
    (_expr.static.cast_)
    (except when the conversion is to
    .CW void* ,
 + and subsequently to
   .CW char* ,
   or
   .CW unsigned
    .CW char ).
 Change 3.8 (basic.life) para 6, third bullet as follows:
    ·LI
   the lvalue is used as the operand of a
   .CW static_cast
  ! (_expr.static.cast_) (except when the conversion is ultimately to
   .CW char&
   .CW unsigned
   .CW char& ),
   or
Issue 892: ODR and string literals
========
 Add at the end of 7.1.2 (dcl.fct.spec) para 4
 ! A string literal in an
 ! .CW extern
  ! .CW inline
  ! function is the same object in different translation units.
Issue 919: Can a using declaration refer to a template-id?
=======
 Add after 7.3.3 (namespace.udecl) para 4:
 + .P
 + A
 + .I using-declaration
 + shall not name a
 + .I template-id .
 + .E[
 + .Cb
 + class A {
 + public:
    template <class T> void f(T);
     template <class T> struct X { };
 + class B : public A {
 + public:
    using A::f<double>; //\f2\& ill-formed\&\fP
    using A::X<int>; //\f2\& ill-formed\&\fP
 + };
 + .Ce
 + .E]
Issue 902: When is 'template<class T> S(T);' used to generate a copy
======= constructor?
```

Add to 12.8 (class.copy) para 3:

```
+ A member function template is never instantiated to perform the copy of an
+ class object to an object of its class type.
+ .E[
+ .Cb
+ struct S {
+ template<typename T> S(T);
+ };
+
+ S f();
+
+ void g() {
+ S a( f() ); //\f2\& does not instantiate member template\&\fP
+ }
+ .Ce
+ .E]
```