

Hi,

This stuff is not compiling on Mac OS (Leopard and Snow Leopard). I get the error:

Toggle Spoiler

Quote:

[8%] Built target ParBase

[8%] Building CXX object pndbase/CMakeFiles/PndBase.dir/proxydict/lfdCompositeKey.o

In file included from /usr/include/c++/4.2.1/algorithm:65,

from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:24,

from /usr/include/c++/4.2.1/cstring:52,

from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:48,

from /usr/include/c++/4.2.1/iosfwd:45,

from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,

from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,

from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:

/usr/include/c++/4.2.1/bits/stl_algobase.h: In static member function 'static _Tp*

std::__copy<true, std::random_access_iterator_tag>::copy(const _Tp*, const _Tp*, _Tp*)':

/usr/include/c++/4.2.1/bits/stl_algobase.h:298: error: 'memmove' is not a member of 'std'

/usr/include/c++/4.2.1/bits/stl_algobase.h: At global scope:

/usr/include/c++/4.2.1/bits/stl_algobase.h:321: error: 'ostreambuf_iterator' was not declared in this scope

/usr/include/c++/4.2.1/bits/stl_algobase.h:321: error: template argument 2 is invalid

/usr/include/c++/4.2.1/bits/stl_algobase.h:321: error: expected unqualified-id before '>' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:326: error: 'ostreambuf_iterator' was not declared in this scope

/usr/include/c++/4.2.1/bits/stl_algobase.h:326: error: template argument 2 is invalid

/usr/include/c++/4.2.1/bits/stl_algobase.h:326: error: expected unqualified-id before '>' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: template declaration of 'typename

__gnu_cxx::__enable_if<std::__is_char<_Tp>::__value, _CharT*>::__type std::__copy_aux'

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: 'istreambuf_iterator' was not declared in this scope

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: expected primary-expression before '>' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: expected primary-expression before ',' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: 'istreambuf_iterator' was not declared in this scope

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: expected primary-expression before '>' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:331: error: expected primary-expression before ',' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:332: error: expected primary-expression before '*' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:332: error: expected primary-expression before ')' token

/usr/include/c++/4.2.1/bits/stl_algobase.h:407: error: 'ostreambuf_iterator' was not declared in this scope

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/usr/include/c++/4.2.1/bits/stl_algobase.h:407: error: template argument 2 is invalid
/usr/include/c++/4.2.1/bits/stl_algobase.h:407: error: expected unqualified-id before '>' token
/usr/include/c++/4.2.1/bits/stl_algobase.h: In static member function 'static _Tp*
std::__copy_backward<true, std::random_access_iterator_tag>::__copy_b(const _Tp*, const
_Tp*, _Tp*)':
/usr/include/c++/4.2.1/bits/stl_algobase.h:446: error: 'memmove' is not a member of 'std'
/usr/include/c++/4.2.1/bits/stl_algobase.h: In function 'void std::fill(unsigned char*, unsigned
char*, const unsigned char&)':
/usr/include/c++/4.2.1/bits/stl_algobase.h:600: error: 'memset' is not a member of 'std'
/usr/include/c++/4.2.1/bits/stl_algobase.h: In function 'void std::fill(signed char*, signed char*,
const signed char&)':
/usr/include/c++/4.2.1/bits/stl_algobase.h:608: error: 'memset' is not a member of 'std'
/usr/include/c++/4.2.1/bits/stl_algobase.h: In function 'void std::fill(char*, char*, const char&)':
/usr/include/c++/4.2.1/bits/stl_algobase.h:616: error: 'memset' is not a member of 'std'
/usr/include/c++/4.2.1/bits/stl_algobase.h: In function 'bool std::lexicographical_compare(const
unsigned char*, const unsigned char*, const unsigned char*, const unsigned char*)':
/usr/include/c++/4.2.1/bits/stl_algobase.h:908: error: 'memcmp' is not a member of 'std'
In file included from /usr/include/c++/4.2.1/algorithm:67,
      from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:24,
      from /usr/include/c++/4.2.1/cstring:52,
      from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:48,
      from /usr/include/c++/4.2.1/iosfwd:45,
      from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
      from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
      from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function '_ForwardIterator
std::__uninitialized_copy_aux(_InputIterator, _InputIterator, _ForwardIterator,
std::__false_type)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:93: error: '___throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'char* std::uninitialized_copy(const
char*, const char*, char*)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:120: error: 'memmove' is not a member of 'std'
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'wchar_t* std::uninitialized_copy(const
wchar_t*, const wchar_t*, wchar_t*)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:128: error: 'memmove' is not a member of 'std'
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'void
std::__uninitialized_fill_aux(_ForwardIterator, _ForwardIterator, const _Tp&,
std::__false_type)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:155: error: '___throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'void
std::__uninitialized_fill_n_aux(_ForwardIterator, _Size, const _Tp&, std::__false_type)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:200: error: '___throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function '_ForwardIterator
std::__uninitialized_copy_a(_InputIterator, _InputIterator, _ForwardIterator, _Allocator)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:245: error: '___throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'void
std::__uninitialized_fill_a(_ForwardIterator, _ForwardIterator, const _Tp&, _Allocator)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:270: error: '___throw_exception_again' was not

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declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'void
std::__uninitialized_fill_n_a(_ForwardIterator, _Size, const _Tp&, _Allocator)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:296: error: '__throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function '_ForwardIterator
std::__uninitialized_copy_copy(_InputIterator1, _InputIterator1, _InputIterator2, _InputIterator2,
_FwdIterator, _Allocator)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:338: error: '__throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function '_ForwardIterator
std::__uninitialized_fill_copy(_ForwardIterator, _ForwardIterator, const _Tp&, _InputIterator,
_InputIterator, _Allocator)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:361: error: '__throw_exception_again' was not
declared in this scope
/usr/include/c++/4.2.1/bits/stl_uninitialized.h: In function 'void
std::__uninitialized_copy_fill(_InputIterator, _InputIterator, _ForwardIterator, _ForwardIterator,
const _Tp&, _Allocator)':
/usr/include/c++/4.2.1/bits/stl_uninitialized.h:386: error: '__throw_exception_again' was not
declared in this scope
In file included from /usr/include/c++/4.2.1/algorithm:68,
    from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:24,
    from /usr/include/c++/4.2.1/cstring:52,
    from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++-locale.h:48,
    from /usr/include/c++/4.2.1/iosfwd:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/stl_algo.h: At global scope:
/usr/include/c++/4.2.1/bits/stl_algo.h:304: error: 'istreambuf_iterator' was not declared in this
scope
/usr/include/c++/4.2.1/bits/stl_algo.h:304: error: template argument 2 is invalid
/usr/include/c++/4.2.1/bits/stl_algo.h:304: error: expected unqualified-id before '>' token
In file included from /usr/include/c++/4.2.1/string:47,
    from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:25,
    from /usr/include/c++/4.2.1/cstring:52,
    from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++-locale.h:48,
    from /usr/include/c++/4.2.1/iosfwd:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static typename
__gnu_cxx::char_traits<_CharT>::char_type*
__gnu_cxx::char_traits<_CharT>::move(_CharT*, const _CharT*, size_t)':
/usr/include/c++/4.2.1/bits/char_traits.h:186: error: 'memmove' is not a member of 'std'
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static int
std::char_traits<char>::compare(const char*, const char*, size_t)':
/usr/include/c++/4.2.1/bits/char_traits.h:254: error: 'memcmp' was not declared in this scope
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static size_t
std::char_traits<char>::length(const char*)':
/usr/include/c++/4.2.1/bits/char_traits.h:258: error: 'strlen' was not declared in this scope
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static const char*

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std::char_traits<char>::find(const char*, size_t, const char&):
/usr/include/c++/4.2.1/bits/char_traits.h:262: error: 'memchr' was not declared in this scope
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static char*
std::char_traits<char>::move(char*, const char*, size_t)':
/usr/include/c++/4.2.1/bits/char_traits.h:266: error: 'memmove' was not declared in this scope
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static char*
std::char_traits<char>::copy(char*, const char*, size_t)':
/usr/include/c++/4.2.1/bits/char_traits.h:270: error: 'memcpy' was not declared in this scope
/usr/include/c++/4.2.1/bits/char_traits.h: In static member function 'static char*
std::char_traits<char>::assign(char*, size_t, char)':
/usr/include/c++/4.2.1/bits/char_traits.h:274: error: 'memset' was not declared in this scope
In file included from /usr/include/c++/4.2.1/string:51,
    from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:25,
    from /usr/include/c++/4.2.1/cstring:52,
    from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:48,
    from /usr/include/c++/4.2.1/iosfwd:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/ostream_insert.h: At global scope:
/usr/include/c++/4.2.1/bits/ostream_insert.h:46: error: variable or field '__ostream_write'
declared void
/usr/include/c++/4.2.1/bits/ostream_insert.h:46: error: 'basic_ostream' was not declared in this
scope
/usr/include/c++/4.2.1/bits/ostream_insert.h:46: error: expected primary-expression before ','
token
/usr/include/c++/4.2.1/bits/ostream_insert.h:46: error: expected primary-expression before '>'
token
/usr/include/c++/4.2.1/bits/ostream_insert.h:46: error: '__out' was not declared in this scope
/usr/include/c++/4.2.1/bits/ostream_insert.h:47: error: expected primary-expression before
'const'
/usr/include/c++/4.2.1/bits/ostream_insert.h:47: error: expected primary-expression before '__n'
/usr/include/c++/4.2.1/bits/ostream_insert.h:59: error: variable or field '__ostream_fill' declared
void
/usr/include/c++/4.2.1/bits/ostream_insert.h:59: error: 'basic_ostream' was not declared in this
scope
/usr/include/c++/4.2.1/bits/ostream_insert.h:59: error: expected primary-expression before ','
token
/usr/include/c++/4.2.1/bits/ostream_insert.h:59: error: expected primary-expression before '>'
token
/usr/include/c++/4.2.1/bits/ostream_insert.h:59: error: '__out' was not declared in this scope
/usr/include/c++/4.2.1/bits/ostream_insert.h:59: error: expected primary-expression before '__n'
/usr/include/c++/4.2.1/bits/ostream_insert.h:77: error: expected constructor, destructor, or type
conversion before '<' token
/usr/include/c++/4.2.1/bits/ostream_insert.h:116: error: explicit instantiation of non-template 'int
std::ostream'
/usr/include/c++/4.2.1/bits/ostream_insert.h:116: error: expected `;' before '&' token
/usr/include/c++/4.2.1/bits/ostream_insert.h:119: error: explicit instantiation of non-template 'int
std::wostream'
/usr/include/c++/4.2.1/bits/ostream_insert.h:119: error: expected `;' before '&' token
In file included from /usr/include/c++/4.2.1/string:54,
    from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:25,

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    from /usr/include/c++/4.2.1/cstring:52,
    from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:48,
    from /usr/include/c++/4.2.1/iosfwd:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/basic_string.h:2390: error: expected constructor, destructor, or type
conversion before '<' token
/usr/include/c++/4.2.1/bits/basic_string.h:2395: error: expected constructor, destructor, or type
conversion before '<' token
/usr/include/c++/4.2.1/bits/basic_string.h:2408: error: expected initializer before '<' token
/usr/include/c++/4.2.1/bits/basic_string.h:2431: error: expected constructor, destructor, or type
conversion before '<' token
/usr/include/c++/4.2.1/bits/basic_string.h:2448: error: expected initializer before '<' token
/usr/include/c++/4.2.1/bits/basic_string.h:2454: error: expected constructor, destructor, or type
conversion before '<' token
/usr/include/c++/4.2.1/bits/basic_string.h:2460: error: expected constructor, destructor, or type
conversion before '<' token
In file included from /usr/include/c++/4.2.1/string:58,
    from /Users/turany/fairsoft/pandaroot/pndbase/PndStdUtils/string.h:25,
    from /usr/include/c++/4.2.1/cstring:52,
    from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:48,
    from /usr/include/c++/4.2.1/iosfwd:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/basic_string.tcc:981: error: explicit instantiation of non-template 'int
std::basic_istream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:981: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:984: error: explicit instantiation of non-template 'int
std::basic_ostream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:984: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:987: error: explicit instantiation of non-template 'int
std::basic_istream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:987: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:990: error: explicit instantiation of non-template 'int
std::basic_istream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:990: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:996: error: explicit instantiation of non-template 'int
std::basic_istream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:996: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:999: error: explicit instantiation of non-template 'int
std::basic_ostream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:999: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:1002: error: explicit instantiation of non-template 'int
std::basic_istream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:1002: error: expected `;' before '<' token
/usr/include/c++/4.2.1/bits/basic_string.tcc:1005: error: explicit instantiation of non-template 'int
std::basic_istream'
/usr/include/c++/4.2.1/bits/basic_string.tcc:1005: error: expected `;' before '<' token
In file included from /usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:48,
    from /usr/include/c++/4.2.1/iosfwd:45,

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    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/cstring:80: error: '::memcpy' has not been declared
/usr/include/c++/4.2.1/cstring:81: error: '::memmove' has not been declared
/usr/include/c++/4.2.1/cstring:82: error: '::strcpy' has not been declared
/usr/include/c++/4.2.1/cstring:83: error: '::strncpy' has not been declared
/usr/include/c++/4.2.1/cstring:84: error: '::strcat' has not been declared
/usr/include/c++/4.2.1/cstring:85: error: '::strncat' has not been declared
/usr/include/c++/4.2.1/cstring:86: error: '::memcmp' has not been declared
/usr/include/c++/4.2.1/cstring:87: error: '::strcmp' has not been declared
/usr/include/c++/4.2.1/cstring:88: error: '::strcoll' has not been declared
/usr/include/c++/4.2.1/cstring:89: error: '::strncmp' has not been declared
/usr/include/c++/4.2.1/cstring:90: error: '::strxfrm' has not been declared
/usr/include/c++/4.2.1/cstring:91: error: '::strcspn' has not been declared
/usr/include/c++/4.2.1/cstring:92: error: '::strspn' has not been declared
/usr/include/c++/4.2.1/cstring:93: error: '::strtok' has not been declared
/usr/include/c++/4.2.1/cstring:94: error: '::memset' has not been declared
/usr/include/c++/4.2.1/cstring:95: error: '::strerror' has not been declared
/usr/include/c++/4.2.1/cstring:96: error: '::strlen' has not been declared
/usr/include/c++/4.2.1/cstring:98: error: '::memchr' has not been declared
/usr/include/c++/4.2.1/cstring: In function 'void* std::memchr(void*, int, size_t)':
/usr/include/c++/4.2.1/cstring:102: error: invalid conversion from 'const void*' to 'void*'
/usr/include/c++/4.2.1/cstring:102: error: initializing argument 1 of 'void* std::memchr(void*,
int, size_t)'
/usr/include/c++/4.2.1/cstring: At global scope:
/usr/include/c++/4.2.1/cstring:104: error: '::strchr' has not been declared
/usr/include/c++/4.2.1/cstring:110: error: '::strpbrk' has not been declared
/usr/include/c++/4.2.1/cstring:116: error: '::strrchr' has not been declared
/usr/include/c++/4.2.1/cstring:122: error: '::strstr' has not been declared
In file included from /usr/include/c++/4.2.1/iosfwd:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:42,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h: In function 'int
std::__convert_from_v(int* const&, char*, int, const char*, ...)':
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:69: error: 'strcmp' is not a
member of 'std'
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:71: error: 'strlen' is not a
member of 'std'
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/c++locale.h:72: error: 'strcpy' is not a
member of 'std'
In file included from /usr/include/c++/4.2.1/bits/ios_base.h:47,
    from /usr/include/c++/4.2.1/ios:48,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/locale_classes.h: In member function 'bool
std::locale::_Impl::_M_check_same_name()':
/usr/include/c++/4.2.1/bits/locale_classes.h:539: error: 'strcmp' is not a member of 'std'

```

```

In file included from /usr/include/c++/4.2.1/bits/basic_ios.h:44,
    from /usr/include/c++/4.2.1/ios:50,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/locale_facets.h: In member function 'const char*
std::ctype<char>::widen(const char*, const char*, char*) const':
/usr/include/c++/4.2.1/bits/locale_facets.h:898: error: 'memcpy' was not declared in this scope
/usr/include/c++/4.2.1/bits/locale_facets.h: In member function 'const char*
std::ctype<char>::narrow(const char*, const char*, char, char*) const':
/usr/include/c++/4.2.1/bits/locale_facets.h:963: error: 'memcpy' was not declared in this scope
/usr/include/c++/4.2.1/bits/locale_facets.h: In member function 'virtual const char*
std::ctype<char>::do_widen(const char*, const char*, char*) const':
/usr/include/c++/4.2.1/bits/locale_facets.h:1100: error: 'memcpy' was not declared in this scope
/usr/include/c++/4.2.1/bits/locale_facets.h: In member function 'virtual const char*
std::ctype<char>::do_narrow(const char*, const char*, char, char*) const':
/usr/include/c++/4.2.1/bits/locale_facets.h:1153: error: 'memcpy' was not declared in this scope
/usr/include/c++/4.2.1/bits/locale_facets.h: In member function 'void
std::ctype<char>::_M_widen_init() const':
/usr/include/c++/4.2.1/bits/locale_facets.h:1168: error: 'memcpy' was not declared in this
scope
/usr/include/c++/4.2.1/bits/locale_facets.h: In member function 'void
std::ctype<char>::_M_narrow_init() const':
/usr/include/c++/4.2.1/bits/locale_facets.h:1183: error: 'memcpy' was not declared in this
scope
In file included from /usr/include/c++/4.2.1/bits/locale_facets.h:1536,
    from /usr/include/c++/4.2.1/bits/basic_ios.h:44,
    from /usr/include/c++/4.2.1/ios:50,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/codecvt.h: In constructor 'std::codecvt_byname<_InternT, _ExternT,
_StateT>::codecvt_byname(const char*, size_t)':
/usr/include/c++/4.2.1/bits/codecvt.h:460: error: 'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/bits/codecvt.h:460: error: 'strcmp' is not a member of 'std'
In file included from /usr/include/c++/4.2.1/bits/basic_ios.h:44,
    from /usr/include/c++/4.2.1/ios:50,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/locale_facets.h: In constructor
'std::num_punct_byname<_CharT>::num_punct_byname(const char*, size_t)':
/usr/include/c++/4.2.1/bits/locale_facets.h:1904: error: 'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/bits/locale_facets.h:1904: error: 'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/bits/locale_facets.h: In constructor
'std::collate_byname<_CharT>::collate_byname(const char*, size_t)':

```

```

/usr/include/c++/4.2.1/bits/locale_facets.h:2726: error: 'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/bits/locale_facets.h:2726: error: 'strcmp' is not a member of 'std'
In file included from /usr/include/c++/4.2.1/bits/locale_facets.h:3040,
    from /usr/include/c++/4.2.1/bits/basic_ios.h:44,
    from /usr/include/c++/4.2.1/ios:50,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/time_members.h: In constructor
'std::__timepunct<_CharT>::__timepunct(int*, const char*, size_t)':
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/time_members.h:65 : error: 'strlen' is
not a member of 'std'
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/time_members.h:67 : error: 'memcpy'
is not a member of 'std'
In file included from /usr/include/c++/4.2.1/bits/basic_ios.h:44,
    from /usr/include/c++/4.2.1/ios:50,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/bits/locale_facets.h: In constructor 'std::moneypunct_byname<_CharT,
_IntT>::moneypunct_byname(const char*, size_t)':
/usr/include/c++/4.2.1/bits/locale_facets.h:4014: error: 'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/bits/locale_facets.h:4014: error: 'strcmp' is not a member of 'std'
In file included from /usr/include/c++/4.2.1/bits/locale_facets.h:4599,
    from /usr/include/c++/4.2.1/bits/basic_ios.h:44,
    from /usr/include/c++/4.2.1/ios:50,
    from /usr/include/c++/4.2.1/ostream:45,
    from /usr/include/c++/4.2.1/iostream:45,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdKey.h:43,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.h:26,
    from /Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:2 4:
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/messages_members.h: In constructor
'std::messages_byname<_CharT>::messages_byname(const char*, size_t)':
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/messages_members.h:86: error:
'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/i686-apple-darwin10/x86_64/bits/messages_members.h:86: error:
'strcmp' is not a member of 'std'
/usr/include/c++/4.2.1/ostream: In function 'std::basic_ostream<char, _Traits>&
std::operator<<(std::basic_ostream<char, _Traits>&, const char*) [with _Traits =
std::char_traits<char>]':
/Users/turany/fairsoft/pandaroot/pndbase/proxydict/lfdCompositeKey.cxx:8 6: instantiated
from here
/usr/include/c++/4.2.1/ostream:517: error: '___ostream_insert' was not declared in this scope

```


as you can see it is related to the namespaces and the fact that BaBar re-implement the string.h in there own namespace (here panda namespace). But searching for for namespaces in the pndbase, the panda namespace seems to be defined but not used.

Toggle Spoiler

Quote:

```
PndStdUtils/PndCollectionUtils.h:namespace panda {
PndStdUtils/PndCollectionUtils.h: namespace Collection {
PndStdUtils/PndIOStreamUtils.h:namespace panda {
PndStdUtils/PndIOStreamUtils.h: namespace IOStream {
PndStdUtils/PndIOStreamUtils.h: } // end namespace IOStream
PndStdUtils/PndIOStreamUtils.h:} // end namespace babar
PndStdUtils/PndPairUtils.h:namespace panda {
PndStdUtils/PndPairUtils.h: namespace Pair {
PndStdUtils/String.cxx://    The functions, within this namespace, are needed by BaBar to
replace
PndStdUtils/String.h://    The functions, within this namespace, are needed by BaBar to
replace
PndStdUtils/String.h:namespace panda {
PndStdUtils/String.h: namespace String {
PndStdUtils/testRegEx.cc.org:using namespace babar::String;
PndStdUtils/testString.cc.org:using namespace babar::String;
PndStdUtils/testTokenize.cc.org:using namespace babar::String;
PndStdUtils/Tokenize.h:namespace panda {
PndStdUtils/Tokenize.h: namespace String {
proxydict/lfdCompositeKey.h:using namespace std;
proxydict/lfdCounter.cxx: // the static live in the global namespace.
proxydict/lfdIntKey.h:using namespace std;
proxydict/lfdKey.h:using namespace std;
proxydict/lfdStrKey.h:using namespace std;
proxydict/lfdTestClasses.h:using namespace std;
proxydict/lfdTypeKey.h:using namespace std;
proxydict/lfdTypeKeyIFace.h:using namespace std;
```

On Linux I could compile the stuff but could not run it.

Quote:

```
Error: Symbol PndEmcHitsToTmpWaveform is not defined in current scope
full_tmpWaveform_emc.C:73:
Error: Symbol PndEmcHitsToTmpWaveform is not defined in current scope
full_tmpWaveform_emc.C:73:
Error: type PndEmcHitsToTmpWaveform not defined
FILE:/home/turany/pandaroot/macro/emc/./full_tmpWaveform_emc.C LINE:73
Warning: Automatic variable PndEmcHitsToTmpWaveform* emcHitsToTmpWaveform is
allocated full_tmpWaveform_emc.C:73:
Error: Undeclared variable PndEmcHitsToTmpWaveform* emcHitsToTmpWaveform
```

full_tmpWaveform_emc.C:73:

even though, the libraries are loaded.

Now to the general questions, this stuff is a copy of the BaBar stuff, do we have anybody who really can maintain this, modify it and develop it further?

Looking to the example task, it is a FairTask but without Init, and just create a dictionary in the exec (i.e. for each event) is that what we need, an event by event dictionary?

there is also a lot of other technical questions, but the main one is what is this package is good for? this is still not really clear for me.

regards

Mohammad