


```

-DeclRefExpr 0x305a4a0 <col:35> 'size_t':'unsigned long' lvalue Var 0x305a350 'i' 'size_t':'unsigned long'
-ForStmt 0x305a988 <line:24:9, line:25:45>
|
|_DeclStmt 0x305a590 <line:24:14, col:26>
|
|_VarDecl 0x305a500 <col:14, col:25> col:21 used j 'size_t':'unsigned long' cinit
|
|_ImplicitCastExpr 0x305a578 <col:25> 'size_t':'unsigned long' <IntegralCast>
|
|_IntegerLiteral 0x305a558 <col:25> 'int' 0
|
|_<<NULL>>>
|_BinaryOperator 0x305a628 <col:18, col:32> '_Bool' '<'
|
|_ImplicitCastExpr 0x305a5f8 <col:28> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a5a8 <col:28> 'size_t':'unsigned long' lvalue Var 0x305a500 'j' 'size_t':'unsigned long'
|
|_ImplicitCastExpr 0x305a610 <col:32> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a5d0 <col:32> 'size_t':'unsigned long' lvalue ParmVar 0x305a1f0 'dim' 'size_t':'unsigned long'
|_UnaryOperator 0x305a678 <col:37, col:39> 'size_t':'unsigned long' lvalue prefix '++'
|_DeclRefExpr 0x305a650 <col:39> 'size_t':'unsigned long' lvalue Var 0x305a500 'j' 'size_t':'unsigned long'
|_BinaryOperator 0x305a960 <line:25:13, col:45> 'float' lvalue '='
|
|_ArraySubscriptExpr 0x305a7e8 <col:13, col:30> 'float' lvalue
|
|_ImplicitCastExpr 0x305a7d0 <col:13> 'float *' <LValueToRValue>
|
|_DeclRefExpr 0x305a698 <col:13> 'float *' lvalue ParmVar 0x305a100 'out_vec' 'float *'
|_BinaryOperator 0x305a7a8 <col:21, col:29> 'unsigned long' '+'
|
|_BinaryOperator 0x305a740 <col:21, col:23> 'unsigned long' '*'
|
|_ImplicitCastExpr 0x305a710 <col:21> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a6c0 <col:21> 'size_t':'unsigned long' lvalue Var 0x305a350 'i' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305a728 <col:23> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a6e8 <col:23> 'size_t':'unsigned long' lvalue ParmVar 0x305a1f0 'dim' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305a790 <col:29> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a768 <col:29> 'size_t':'unsigned long' lvalue Var 0x305a500 'j' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305a948 <col:34, col:45> 'float' <LValueToRValue>
|_ArraySubscriptExpr 0x305a920 <col:34, col:45> 'float' lvalue
|_ImplicitCastExpr 0x305a8e0 <col:34, col:42> 'float *' <LValueToRValue>
|
|_ArraySubscriptExpr 0x305a890 <col:34, col:42> 'float *' lvalue
|
|_ImplicitCastExpr 0x305a860 <col:34> 'float *':'float *' <LValueToRValue>
|
|_DeclRefExpr 0x305a810 <col:34> 'float *':'float *' lvalue ParmVar 0x305a180 'in_mat' 'float *':'float *'
|
|_ImplicitCastExpr 0x305a878 <col:41> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a838 <col:41> 'size_t':'unsigned long' lvalue Var 0x305a350 'i' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305a8f8 <col:44> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305a8b8 <col:44> 'size_t':'unsigned long' lvalue Var 0x305a500 'j' 'size_t':'unsigned long'
-FunctionDecl 0x305ad00 <line:29:1, col:55> col:6 used mmult 'void (float **, float **, float **, size_t)'
|_ParmVarDecl 0x305aa70 <col:12, col:20> col:20 A 'float **'
|_ParmVarDecl 0x305aae0 <col:23, col:31> col:31 B 'float **'
|_ParmVarDecl 0x305ab50 <col:34, col:42> col:42 C 'float **'
|_ParmVarDecl 0x305abc0 <col:45, col:52> col:52 dim 'size_t':'unsigned long'
|_FullComment 0x305e830 <line:28:4, col:15>
|_ParagraphComment 0x305e800 <col:4, col:15>
|_TextComment 0x305e7d0 <col:4, col:15> Text=" CAPA:IGNORE"
-FunctionDecl 0x305ade0 <line:31:1, line:74:1> line:31:5 main 'int (void)'
|_CompoundStmt 0x305d810 <line:32:1, line:74:1>
|
|_DeclStmt 0x305afb8 <line:34:5, col:35>
|
|_VarDecl 0x305ae90 <col:5, col:31> col:18 referenced ELEMS 'const size_t':'const unsigned long' cinit
|
|_ImplicitCastExpr 0x305af50 <col:26, col:31> 'const size_t':'const unsigned long' <IntegralCast>
|
|_BinaryOperator 0x305af28 <col:26, col:31> 'int' '**'
|
|_IntegerLiteral 0x305aee8 <col:26> 'int' 1000
|
|_IntegerLiteral 0x305af08 <col:31> 'int' 1000
|_DeclStmt 0x305b0c8 <line:35:5, col:30>
|
|_VarDecl 0x305b070 <col:5, col:29> col:11 used starting_vec 'float [1000000]'
|_DeclStmt 0x305b148 <line:36:5, col:13>
|
|_VarDecl 0x305b0f0 <col:5, col:12> col:12 used t 'time_t':'long'
|_CallExpr 0x305b410 <line:38:5, col:30> 'void'
|
|_ImplicitCastExpr 0x305b3f8 <col:5> 'void (*) (unsigned int) throw()' <FunctionToPointerDecay>
|
|_DeclRefExpr 0x305b370 <col:5> 'void (unsigned int) throw()' lvalue Function 0x2fdffd0 'srand' 'void (unsigned int) throw()'
|_CStyleCastExpr 0x305b348 <col:11, col:29> 'unsigned int' <NoOp>
|
|_ImplicitCastExpr 0x305b330 <col:22, col:29> 'unsigned int' <IntegralCast>
|
|_CallExpr 0x305b2f0 <col:22, col:29> 'time_t':'long'
|
|_ImplicitCastExpr 0x305b2d8 <col:22> 'time_t (*) (time_t *) throw()' <FunctionToPointerDecay>
|
|_DeclRefExpr 0x305b258 <col:22> 'time_t (time_t *) throw()' lvalue Function 0x3001960 'time' 'time_t (time_t *) throw()'
|_UnaryOperator 0x305b238 <col:27, col:28> 'time_t *' prefix '&'
|
|_DeclRefExpr 0x305b210 <col:28> 'time_t':'long' lvalue Var 0x305b0f0 't' 'time_t':'long'
|_CallExpr 0x305b580 <line:39:5, col:36> 'void'
|
|_ImplicitCastExpr 0x305b568 <col:5> 'void (*) (float *, size_t)' <FunctionToPointerDecay>
|
|_DeclRefExpr 0x305b4e8 <col:5> 'void (float *, size_t)' lvalue Function 0x3055d10 'random_fill' 'void (float *, size_t)'
|_ImplicitCastExpr 0x305b5b8 <col:17> 'float *' <ArrayToPointerDecay>
|
|_DeclRefExpr 0x305b498 <col:17> 'float [1000000]' lvalue Var 0x305b070 'starting_vec' 'float [1000000]'
|_ImplicitCastExpr 0x305b5d0 <col:31> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305b4c0 <col:31> 'const size_t':'const unsigned long' lvalue Var 0x305ae90 'ELEMS' 'const size_t':'const unsigned long'
-ForStmt 0x305ba08 <line:42:5, line:45:5>
|
|_DeclStmt 0x305b690 <line:42:10, col:22>
|
|_VarDecl 0x305b600 <col:10, col:21> col:17 used i 'size_t':'unsigned long' cinit
|
|_ImplicitCastExpr 0x305b678 <col:21> 'size_t':'unsigned long' <IntegralCast>
|
|_IntegerLiteral 0x305b658 <col:21> 'int' 0
|
|_<<NULL>>>
|_BinaryOperator 0x305b728 <col:24, col:28> '_Bool' '<'
|
|_ImplicitCastExpr 0x305b6f8 <col:24> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305b6a8 <col:24> 'size_t':'unsigned long' lvalue Var 0x305b600 'i' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305b710 <col:28> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305b6d0 <col:28> 'const size_t':'const unsigned long' lvalue Var 0x305ae90 'ELEMS' 'const size_t':'const unsigned long'
|_UnaryOperator 0x305b778 <col:35, col:37> 'size_t':'unsigned long' lvalue prefix '++'
|_DeclRefExpr 0x305b750 <col:37> 'size_t':'unsigned long' lvalue Var 0x305b600 'i' 'size_t':'unsigned long'
|_CompoundStmt 0x305b9e0 <col:139, line:45:5>
|
|_CompoundAssignOperator 0x305b878 <line:43:9, col:28> 'float' lvalue '/=' ComputeLHS Ty='float' ComputeResultTy='float'
|
|_ArraySubscriptExpr 0x305b818 <col:9, col:23> 'float' lvalue
|
|_ImplicitCastExpr 0x305b7e8 <col:9> 'float *' <ArrayToPointerDecay>
|
|_DeclRefExpr 0x305b798 <col:9> 'float [1000000]' lvalue Var 0x305b070 'starting_vec' 'float [1000000]'
|_ImplicitCastExpr 0x305b800 <col:22> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305b7c0 <col:22> 'size_t':'unsigned long' lvalue Var 0x305b600 'i' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305b860 <col:28> 'float' <IntegralToFloating>
|
|_IntegerLiteral 0x305b840 <col:28> 'int' 2
|_CompoundAssignOperator 0x305b9a8 <line:44:9, col:28> 'float' lvalue '+=' ComputeLHS Ty='float' ComputeResultTy='float'
|
|_ArraySubscriptExpr 0x305b948 <col:9, col:23> 'float' lvalue
|
|_ImplicitCastExpr 0x305b900 <col:9> 'float *' <ArrayToPointerDecay>
|
|_DeclRefExpr 0x305b8b0 <col:9> 'float [1000000]' lvalue Var 0x305b070 'starting_vec' 'float [1000000]'
|_ImplicitCastExpr 0x305b930 <col:22> 'size_t':'unsigned long' <LValueToRValue>
|
|_DeclRefExpr 0x305b8d8 <col:22> 'size_t':'unsigned long' lvalue Var 0x305b600 'i' 'size_t':'unsigned long'
|_ImplicitCastExpr 0x305b990 <col:28> 'float' <IntegralToFloating>
|
|_IntegerLiteral 0x305b970 <col:28> 'int' 4
|_DeclStmt 0x305baf0 <line:48:5, col:16>
|
|_VarDecl 0x305ba60 <col:5, col:15> col:11 used k 'float' cinit
|
|_ImplicitCastExpr 0x305bad8 <col:15> 'float' <IntegralToFloating>
|
|_IntegerLiteral 0x305bab8 <col:15> 'int' 0

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- ImplicitCastExpr 0x305ce08 <col:46> 'float (*)[dim]' <ArrayToPointerDecay>
- DeclRefExpr 0x305ced8 <col:46> 'float [dim][dim]' lvalue Var 0x305ca20 'cum_sum_mat' 'float [dim][dim]'
CStyleCastExpr 0x305cea0 <col:59, col:70> 'float **' <BitCast>
- ImplicitCastExpr 0x305ce88 <col:70> 'float (*)[dim]' <ArrayToPointerDecay>
- DeclRefExpr 0x305ce48 <col:70> 'float [dim][dim]' lvalue Var 0x305ca20 'cum_sum_mat' 'float [dim][dim]'
- ImplicitCastExpr 0x305efd8 <col:83> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305cec8 <col:83> 'const size_t':'const unsigned long' lvalue Var 0x305c680 'dim' 'const size_t':'const unsigned long'
CallExpr 0x305d158 <line:64:5, col:53> 'void'
- ImplicitCastExpr 0x305d140 <col:5> 'void (*)(float *, float **, size_t)' <FunctionToPointerDecay>
- DeclRefExpr 0x305d118 <col:5> 'void (float *, float **, size_t)' lvalue Function 0x305a280 'reshape2vec' 'void (float *, float **, size_t)'
ImplicitCastExpr 0x305d198 <col:17> 'float **' <ArrayToPointerDecay>
- DeclRefExpr 0x305d048 <col:17> 'float [1000000]' lvalue Var 0x305bf00 'cum_sum' 'float [1000000]'
CStyleCastExpr 0x305d0c8 <col:26, col:37> 'float **' <BitCast>
- ImplicitCastExpr 0x305d0b0 <col:37> 'float (*)[dim]' <ArrayToPointerDecay>
- DeclRefExpr 0x305d070 <col:37> 'float [dim][dim]' lvalue Var 0x305ca20 'cum_sum_mat' 'float [dim][dim]'
- ImplicitCastExpr 0x305d1b0 <col:50> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305d0f0 <col:50> 'const size_t':'const unsigned long' lvalue Var 0x305c680 'dim' 'const size_t':'const unsigned long'
BinaryOperator 0x305d228 <line:68:5, col:9> 'float' lvalue '='
- DeclRefExpr 0x305d1c8 <col:5> 'float' lvalue Var 0x305ba60 'k' 'float'
- ImplicitCastExpr 0x305d210 <col:9> 'float' <IntegralToFloating>
- IntegerLiteral 0x305d1f0 <col:9> 'int' 0
ForStmt 0x305d758 <line:69:5, line:71:38>
- DeclStmt 0x305d2f0 <line:69:10, col:22>
- VarDecl 0x305d260 <col:10, col:21> col:17 used i 'size_t':'unsigned long' cinit
- ImplicitCastExpr 0x305d2d8 <col:21> 'size_t':'unsigned long' <IntegralCast>
- IntegerLiteral 0x305d2b8 <col:21> 'int' 0
-<<<NULL>>>
BinaryOperator 0x305d388 <col:24, col:28> '_Bool' '<'
- ImplicitCastExpr 0x305d358 <col:24> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305d308 <col:24> 'size_t':'unsigned long' lvalue Var 0x305d260 'i' 'size_t':'unsigned long'
- ImplicitCastExpr 0x305d370 <col:28> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305d330 <col:28> 'const size_t':'const unsigned long' lvalue Var 0x305ae90 'ELEMS' 'const size_t':'const unsigned long'
UnaryOperator 0x305d3d8 <col:35, col:37> 'size_t':'unsigned long' lvalue prefix '++'
- DeclRefExpr 0x305d3b0 <col:37> 'size_t':'unsigned long' lvalue Var 0x305d260 'i' 'size_t':'unsigned long'
IfStmt 0x305d728 <line:70:9, line:71:38>
-<<<NULL>>>
UnaryOperator 0x305d4d0 <line:70:13, col:20> '_Bool' prefix '!'
- ImplicitCastExpr 0x305d4b8 <col:14, col:20> '_Bool' <IntegralToBoolean>
- ParenExpr 0x305d498 <col:14, col:20> 'unsigned long'
- BinaryOperator 0x305d470 <col:15, col:19> 'unsigned long' '%'
- ImplicitCastExpr 0x305d440 <col:15> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305d3f8 <col:15> 'size_t':'unsigned long' lvalue Var 0x305d260 'i' 'size_t':'unsigned long'
- ImplicitCastExpr 0x305d458 <col:19> 'unsigned long' <IntegralCast>
- IntegerLiteral 0x305d420 <col:19> 'int' 2
BinaryOperator 0x305d700 <line:71:13, col:38> 'float' lvalue '='
- DeclRefExpr 0x305d4f0 <col:13> 'float' lvalue Var 0x305ba60 'k' 'float'
- BinaryOperator 0x305d6d8 <col:17, col:38> 'float' '+'
- ImplicitCastExpr 0x305d6a8 <col:17> 'float' <LValueToRValue>
- DeclRefExpr 0x305d518 <col:17> 'float' lvalue Var 0x305ba60 'k' 'float'
- ImplicitCastExpr 0x305d6c0 <col:21, col:38> 'float' <LValueToRValue>
- ArraySubscriptExpr 0x305d680 <col:21, col:38> 'float' lvalue
- ImplicitCastExpr 0x305d668 <col:21> 'float **' <ArrayToPointerDecay>
- DeclRefExpr 0x305d540 <col:21> 'float [1000000]' lvalue Var 0x305bf00 'cum_sum' 'float [1000000]'
BinaryOperator 0x305d640 <col:29, col:37> 'unsigned long' '-'
- BinaryOperator 0x305d5e0 <col:29, col:33> 'unsigned long' '+'
- ImplicitCastExpr 0x305d5b0 <col:29> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305d568 <col:29> 'size_t':'unsigned long' lvalue Var 0x305d260 'i' 'size_t':'unsigned long'
- ImplicitCastExpr 0x305d5c8 <col:33> 'unsigned long' <IntegralCast>
- IntegerLiteral 0x305d590 <col:33> 'int' 1
- ImplicitCastExpr 0x305d628 <col:37> 'unsigned long' <IntegralCast>
- IntegerLiteral 0x305d608 <col:37> 'int' 1
-<<<NULL>>>
ReturnStmt 0x305d7f0 <line:73:5, col:12>
- ImplicitCastExpr 0x305d7d8 <col:12> 'int' <FloatingToIntegral>
- ImplicitCastExpr 0x305d7c0 <col:12> 'float' <LValueToRValue>
- DeclRefExpr 0x305d798 <col:12> 'float' lvalue Var 0x305ba60 'k' 'float'
FunctionDecl 0x305daf0 prev 0x305ad00 <line:76:1, line:81:1> line:76:6 used mmult 'void (float **, float **, float **, size_t)'
- ParmVarDecl 0x305d8e0 <col:12, col:20> col:20 used A 'float **'
- ParmVarDecl 0x305d970 <col:23, col:31> col:31 used B 'float **'
- ParmVarDecl 0x305d9e0 <col:34, col:42> col:42 used C 'float **'
- ParmVarDecl 0x305da50 <col:45, col:52> col:52 used dim 'size_t':'unsigned long'
CompoundStmt 0x305e580 <col:56, line:81:1>
- ForStmt 0x305e540 <line:77:5, line:80:44>
- DeclStmt 0x305dc50 <line:77:10, col:22>
- VarDecl 0x305dbc0 <col:10, col:21> col:17 used i 'size_t':'unsigned long' cinit
- ImplicitCastExpr 0x305dc38 <col:21> 'size_t':'unsigned long' <IntegralCast>
- IntegerLiteral 0x305dc18 <col:21> 'int' 0
-<<<NULL>>>
BinaryOperator 0x305dce8 <col:24, col:28> '_Bool' '<'
- ImplicitCastExpr 0x305dcb8 <col:24> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305dc68 <col:24> 'size_t':'unsigned long' lvalue Var 0x305dbc0 'i' 'size_t':'unsigned long'
- ImplicitCastExpr 0x305dcd0 <col:28> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305dc90 <col:28> 'size_t':'unsigned long' lvalue ParmVar 0x305da50 'dim' 'size_t':'unsigned long'
UnaryOperator 0x305dd38 <col:33, col:35> 'size_t':'unsigned long' lvalue prefix '++'
- DeclRefExpr 0x305dd10 <col:35> 'size_t':'unsigned long' lvalue Var 0x305dbc0 'i' 'size_t':'unsigned long'
ForStmt 0x305e500 <line:78:9, line:80:44>
- DeclStmt 0x305de00 <line:78:14, col:26>
- VarDecl 0x305dd70 <col:14, col:25> col:21 used j 'size_t':'unsigned long' cinit
- ImplicitCastExpr 0x305dde8 <col:25> 'size_t':'unsigned long' <IntegralCast>
- IntegerLiteral 0x305ddc8 <col:25> 'int' 0
-<<<NULL>>>
BinaryOperator 0x305de98 <col:28, col:32> '_Bool' '<'
- ImplicitCastExpr 0x305de68 <col:28> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305de18 <col:28> 'size_t':'unsigned long' lvalue Var 0x305dd70 'j' 'size_t':'unsigned long'
- ImplicitCastExpr 0x305de80 <col:32> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305de40 <col:32> 'size_t':'unsigned long' lvalue ParmVar 0x305da50 'dim' 'size_t':'unsigned long'
UnaryOperator 0x305dee8 <col:37, col:39> 'size_t':'unsigned long' lvalue prefix '++'
- DeclRefExpr 0x305dec0 <col:39> 'size_t':'unsigned long' lvalue Var 0x305dbc0 'i' 'size_t':'unsigned long'
ForStmt 0x305e4c0 <line:79:13, line:80:44>
- DeclStmt 0x305dfb0 <line:79:18, col:30>
- VarDecl 0x305df20 <col:18, col:29> col:25 used k 'size_t':'unsigned long' cinit
- ImplicitCastExpr 0x305df98 <col:29> 'size_t':'unsigned long' <IntegralCast>
- IntegerLiteral 0x305df78 <col:29> 'int' 0
-<<<NULL>>>
BinaryOperator 0x305e048 <col:32, col:36> '_Bool' '<'
- ImplicitCastExpr 0x305e018 <col:32> 'size_t':'unsigned long' <LValueToRValue>
- DeclRefExpr 0x305dfc8 <col:32> 'size_t':'unsigned long' lvalue Var 0x305df20 'k' 'size_t':'unsigned long'
- ImplicitCastExpr 0x305e030 <col:36> 'size_t':'unsigned long' <LValueToRValue>

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[-DeclRefExpr 0x305dff0 <col:36> 'size_t':'unsigned long' lvalue ParmVar 0x305da50 'dim' 'size_t':'unsigned long'
[-UnaryOperator 0x305e098 <col:41, col:43> 'size_t':'unsigned long' lvalue prefix '++'
[-DeclRefExpr 0x305e070 <col:43> 'size_t':'unsigned long' lvalue Var 0x305dbc0 'i' 'size_t':'unsigned long'
[-CompoundAssignOperator 0x305e488 <line:80:17, col:44> 'float' lvalue '+=', ComputeLHSTy='float' ComputeResultTy='float'
[-ArraySubscriptExpr 0x305e1b8 <col:17, col:23> 'float' lvalue
| | [-ImplicitCastExpr 0x305e188 <col:17, col:20> 'float *' <LValueToRValue>
| | | [-ArraySubscriptExpr 0x305e138 <col:17, col:20> 'float *' lvalue
| | | | [-ImplicitCastExpr 0x305e108 <col:17> 'float ***' <LValueToRValue>
| | | | | [-DeclRefExpr 0x305e0b8 <col:17> 'float ***' lvalue ParmVar 0x305d9e0 'C' 'float ***'
| | | | | [-ImplicitCastExpr 0x305e120 <col:19> 'size_t':'unsigned long' <LValueToRValue>
| | | | | [-DeclRefExpr 0x305e0e0 <col:19> 'size_t':'unsigned long' lvalue Var 0x305dbc0 'i' 'size_t':'unsigned long'
| | | [-ImplicitCastExpr 0x305e1a0 <col:22> 'size_t':'unsigned long' <LValueToRValue>
| | | | [-DeclRefExpr 0x305e160 <col:22> 'size_t':'unsigned long' lvalue Var 0x305dd70 'j' 'size_t':'unsigned long'
| [-BinaryOperator 0x305e460 <col:28, col:44> 'float' '*'
| | [-ImplicitCastExpr 0x305e430 <col:28, col:34> 'float' <LValueToRValue>
| | | [-ArraySubscriptExpr 0x305e2e0 <col:28, col:34> 'float' lvalue
| | | | [-ImplicitCastExpr 0x305e2b0 <col:28, col:31> 'float *' <LValueToRValue>
| | | | | [-ArraySubscriptExpr 0x305e260 <col:28, col:31> 'float *' lvalue
| | | | | | [-ImplicitCastExpr 0x305e230 <col:28> 'float ***' <LValueToRValue>
| | | | | | | [-DeclRefExpr 0x305e1e0 <col:28> 'float ***' lvalue ParmVar 0x305d8e0 'A' 'float ***'
| | | | | | | [-ImplicitCastExpr 0x305e248 <col:30> 'size_t':'unsigned long' <LValueToRValue>
| | | | | | | | [-DeclRefExpr 0x305e208 <col:30> 'size_t':'unsigned long' lvalue Var 0x305dbc0 'i' 'size_t':'unsigned long'
| | | | | | [-ImplicitCastExpr 0x305e2c8 <col:33> 'size_t':'unsigned long' <LValueToRValue>
| | | | | | | [-DeclRefExpr 0x305e288 <col:33> 'size_t':'unsigned long' lvalue Var 0x305df20 'k' 'size_t':'unsigned long'
| | [-ImplicitCastExpr 0x305e448 <col:38, col:44> 'float' <LValueToRValue>
| | | [-ArraySubscriptExpr 0x305e408 <col:38, col:44> 'float' lvalue
| | | | [-ImplicitCastExpr 0x305e3d8 <col:38, col:41> 'float *' <LValueToRValue>
| | | | | [-ArraySubscriptExpr 0x305e388 <col:38, col:41> 'float *' lvalue
| | | | | | [-ImplicitCastExpr 0x305e358 <col:38> 'float ***' <LValueToRValue>
| | | | | | | [-DeclRefExpr 0x305e308 <col:38> 'float ***' lvalue ParmVar 0x305d970 'B' 'float ***'
| | | | | | | [-ImplicitCastExpr 0x305e370 <col:40> 'size_t':'unsigned long' <LValueToRValue>
| | | | | | | | [-DeclRefExpr 0x305e330 <col:40> 'size_t':'unsigned long' lvalue Var 0x305df20 'k' 'size_t':'unsigned long'
| | | [-ImplicitCastExpr 0x305e3f0 <col:43> 'size_t':'unsigned long' <LValueToRValue>
| | | | [-DeclRefExpr 0x305e3b0 <col:43> 'size_t':'unsigned long' lvalue Var 0x305dd70 'j' 'size_t':'unsigned long'
```